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: 13027

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: 06/18/2013
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Lyndsey Lowe

	LL	NN	AC	KK	JLK	BB	CSJ	AJL
1	0.105	0.105	0.102	0.103	0.103	0.105	0.104	0.103
2	0.105	0.103	0.104	0.102	0.103	0.104	0.105	0.103
3	0.103	0.106	0.104	0.102	0.103	0.103	0.105	0.104
4	0.103	0.106	0.102	0.102	0.103	0.106	0.104	0.102
5	0.104	0.104	0.104	0.102	0.103	0.104	0.104	0.102
C	0.101	0.104	0.103	0.099	0.102	0.102	0.100	0.100

ETHANOL CONTROL INFORMATION
LOT NUMBER: A090924 EXPIRATION: 01/2017 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1036 g/100mL
STANDARD DEVIATION: 0.00119
PRECISION CV (%): 1.15
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0842 g/210L**
EXPANDED UNCERTAINTY: ± 0.0038 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton FS-5 7.17.2013
Melissa L. Pemberton — Forensic Scientist Supervisor — DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
LL	Lyndsey Lowe	Lyndsey	06/18/2013
NN	Naziha Nuwayhid		06/23/2013
AC	Amanda Chandler	Amanda Chandler	06/25/2013
KK	Katie Knorr	Katie Knorr	06/25/2013
JLK	Justin L. Knoy		06/26/2013
BB	Brittany Ball	Brittany Ball	06/28/2013
CSJ	Christopher S. Johnston		07/01/2013
AJL	Asa J. Louis		07/02/2013

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 #: 13027 **Date Prepared:** 6/18/2013

Analyst:	LL	NN	AC	KK	JLK	BB	CSJ	AJL
Date Tested:	6/18/2013	6/23/2013	6/25/2013	6/25/2013	6/26/2013	6/28/2013	7/1/2013	7/2/2013
Instrument:	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1
1	0.105	0.105	0.102	0.103	0.103	0.105	0.104	0.103
2	0.105	0.103	0.104	0.102	0.103	0.104	0.105	0.103
3	0.103	0.106	0.104	0.102	0.103	0.103	0.105	0.104
4	0.103	0.106	0.102	0.102	0.103	0.106	0.104	0.102
5	0.104	0.104	0.104	0.102	0.103	0.104	0.104	0.102
C	0.101	0.104	0.103	0.099	0.102	0.102	0.100	0.100

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0001328283	0.0002762787	0.0001016326

Ethanol Control Lot #: A090924
Control Uncertainty (%): 0.29

Average Solution Concentration: 0.1036 g/100mL
Standard Deviation: 0.00119 g/100mL
Precision CV (%): 1.15
Equivalent Vapor Concentration: 0.0842 g/210L
Combined Standard Uncertainty (±): 0.0019 g/210L
Expanded Uncertainty (±): 0.0038 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Melissa L. Pemberton [signature] 7.2.2013
Name Signature Date

Calculations verified by: Amanda M. Black [signature] 7-17-2013 Method: Hand Calculation
Name Signature Date

Technical review of batch file performed by:

Melissa L. Pemberton [signature] 7.11.13
Name Signature Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black **Date:** 7-17-2013

Location: WSP-FLSB Seattle, WA **Solution Batch Number:** 13027

	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:** 7-17-2013

Reviewer Signature: N/A OB 7-17-13 **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 Chandler	AC	7-3-13
Asa Louis	AL	20130703
Brittany Ball	BB	7/9/13
Christie Mitchell-Mata		
Christopher Johnston	CJ	7-3-13
Justin Knoy	JK	7-3-13
Katie Knorr	KK	7-8-13
Lisa Noble		
Lyndsey Lowe	LL	7/3/13
Naziha Nuwayhid	NN	7.5.13
Rebecca Flaherty		
Sarah Swenson		

Batch # 13027

JAY INSLEE
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 13027

I, Lyndsey Lowe, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Chemistry.

The external standard solution, Lot Number 13027, was prepared in the Washington State Toxicology Laboratory on 6/18/2013. 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 6/18/2014.

Seattle, WA

Lyndsey Lowe 7/3/13

Lyndsey Lowe Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13027

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 13027, was prepared in the Washington State Toxicology Laboratory on 6/18/2013. 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 6/18/2014.

Seattle, WA

7.5.13

Naziha Nuwayhid — Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13027

I, Amanda Chandler, 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 Forensic Science.

The external standard solution, Lot Number 13027, was prepared in the Washington State Toxicology Laboratory on 6/18/2013. 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 6/18/2014.

Seattle, WA

Amanda Chandler 7-3-13

Amanda Chandler — Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13027

I, Katie Knorr, 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 in Biochemistry and MS degree in Forensic Science.

The external standard solution, Lot Number 13027, was prepared in the Washington State Toxicology Laboratory on 6/18/2013. 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 6/18/2014.

Seattle, WA

Katie Knorr 7/8/13

Katie Knorr Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13027

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 13027, was prepared in the Washington State Toxicology Laboratory on 6/18/2013. 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 6/18/2014.

Seattle, WA

7-3-13

Justin L. Knoy — Date
Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13027

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 13027, was prepared in the Washington State Toxicology Laboratory on 6/18/2013. 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 6/18/2014.

Seattle, WA

Brittany Ball 7/9/13 ~~6/9/13~~ ~~7/9/13~~

Brittany Ball Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13027

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 13027, was prepared in the Washington State Toxicology Laboratory on 6/18/2013. 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 6/18/2014.

Seattle, WA

7/3/2013

Christopher S. Johnston — Date
Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 13027

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 13027, was prepared in the Washington State Toxicology Laboratory on 6/18/2013. 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 6/18/2014.

Seattle, WA

2013 July 03

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: 6/18/13 Initials of Preparer: LL

Expiration Date: 6/18/14

Lot # of 200-proof Ethanol used in preparation: 2B+10289

Date the 200-proof Ethanol bottle was opened: 6/18/13

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	☑	13027

Stir bar is rotating ☑

Stirred for minimum 30 minutes; 2 hours for ESS ☑

Spigot purged ☑

Aliquot taken ☑

Batch labeled, packaged and sealed ☑ 6/18/13 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 6/18/13 Date

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

Sequence Parameters:

Operator:	Lyndsey Lowe
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:	130618LL
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0213-01 - Exp. 08/20/13
Ethanol Calibrator 2, E0213-02 - Exp. 08/20/13
Ethanol Calibrator 3, E0213-03 - Exp. 08/20/13

0.04 Control - Lot #A088613 - Exp. 09/2016
0.10 Control - Lot #A090924 - Exp. 01/2017
0.20 Control - Lot #A093219 - Exp. 05/2017

ISTD Lot#P0513 - Exp. 08/02/2013

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	Negative	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 Ctrl	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 Ctrl	SIMALC1	1	Ctrl Samp		
9	Vial 9	Negative	SIMALC1	1	Ctrl Samp		
10	Vial 10	ESS 13027 #1	SIMALC1	1	Sample		
11	Vial 11	ESS 13027 #2	SIMALC1	1	Sample		
12	Vial 12	ESS 13027 #3	SIMALC1	1	Sample		
13	Vial 13	ESS 13027 #4	SIMALC1	1	Sample		
14	Vial 14	ESS 13027 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
16	Vial 16	Negative	SIMALC1	1	Ctrl Samp		

130618LL

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	

13027

LL

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

Sequence Table (Back Injector):

No entries - empty table!

130618LL

13027

LL

Calibration Table

Calib. Data Modified : Tuesday, June 18, 2013 11:39:49 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	7.93800e-2	834.87000	9.50807e-5	1		Ethanol
		2	1.59660e-1	1707.51965	9.35040e-5			
		3	3.19080e-1	3343.40283	9.54357e-5			
1.705	1	1	1.20000e-2	2359.89038	5.08498e-6	I1		n-Propanol
		2	1.20000e-2	2400.08936	4.99981e-6			
		3	1.20000e-2	2373.75781	5.05528e-6			

Peak Sum Table

No Entries in table

130618LL

13027

LL

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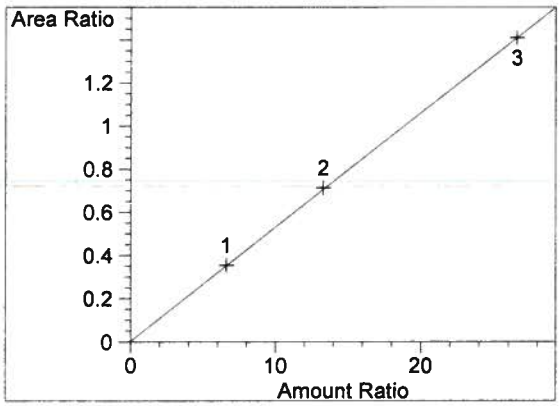
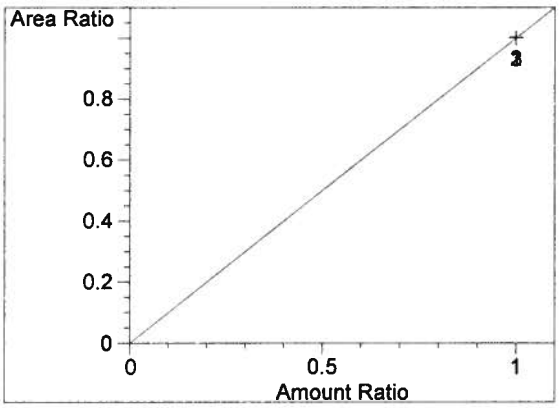
Calibration Curves

==========



Ethanol at exp. RT: 1.041
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00391
Formula: y = mx + b
m: 5.29557e-2
b: 2.68295e-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

==========

130618W

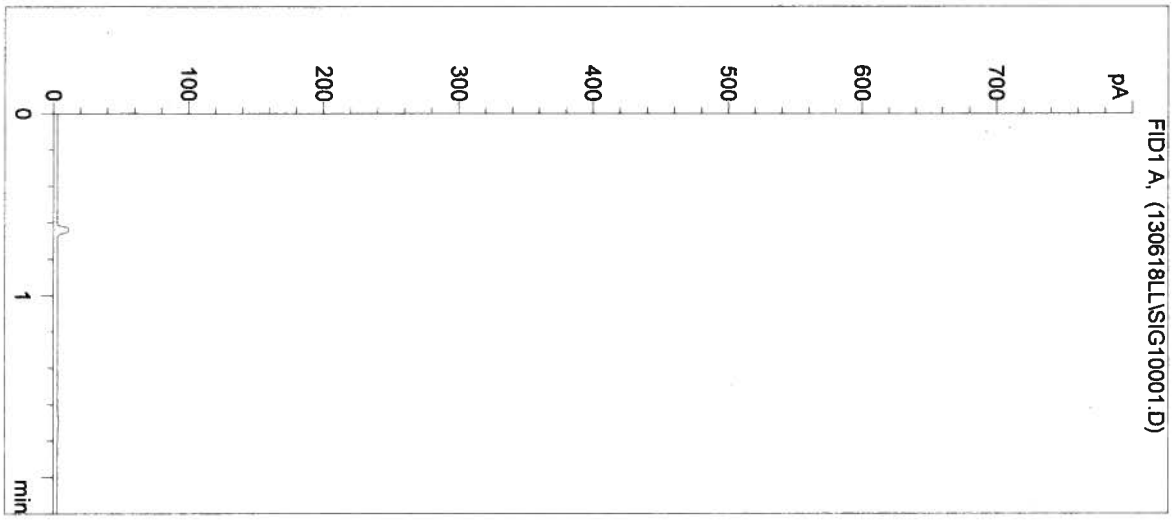
13027

LL

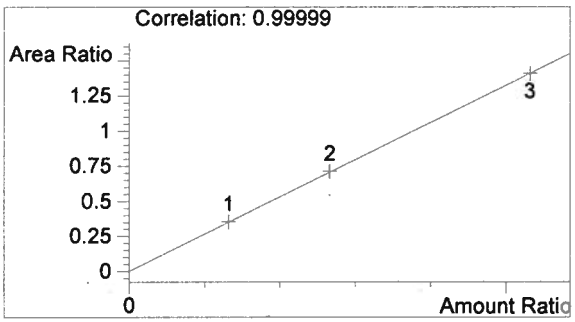
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/18/2013 11:28:21 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

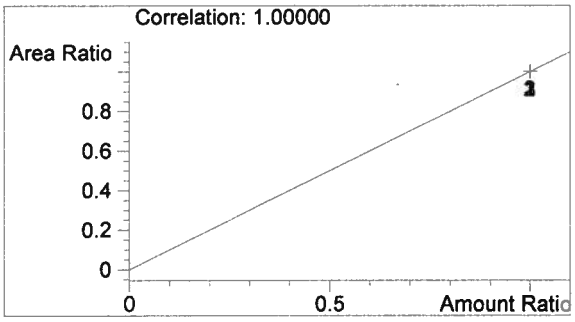
Sample Name: BLANK
Operator: Lyndsey Lowe
Location: Vial 1



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



Ethanol 0.000 g/100mL



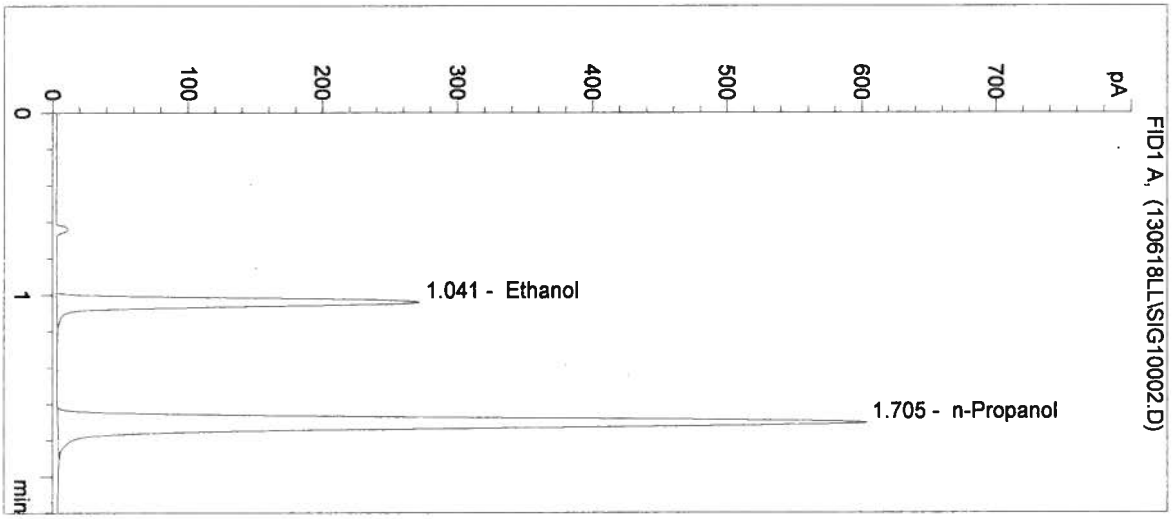
n-Propanol 0.000 g/100mL

13027

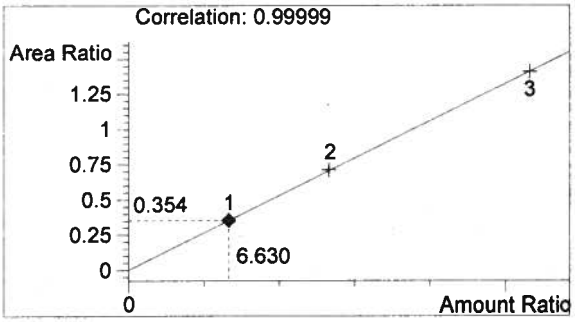
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/18/2013 11:31:26 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

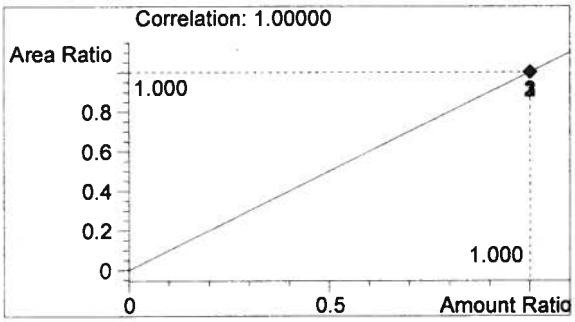
Sample Name: 0.079 CAL 1
Operator: Lyndsey Lowe
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	835	1.041
2	n-Propanol	2360	1.705



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

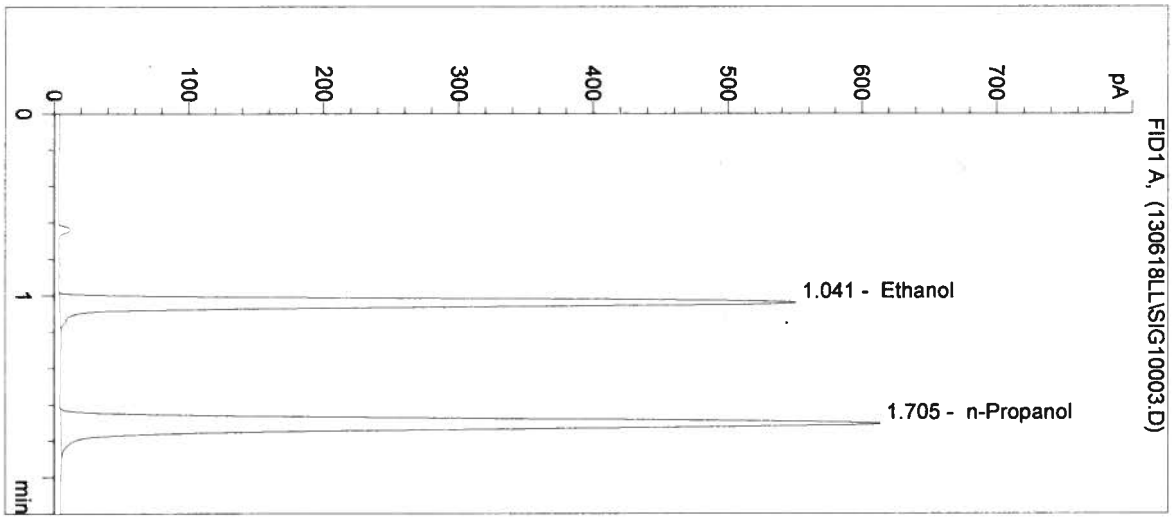
13027

Data File: C:\HPCHEM\1\DATA\130618LL\SIG10002.D

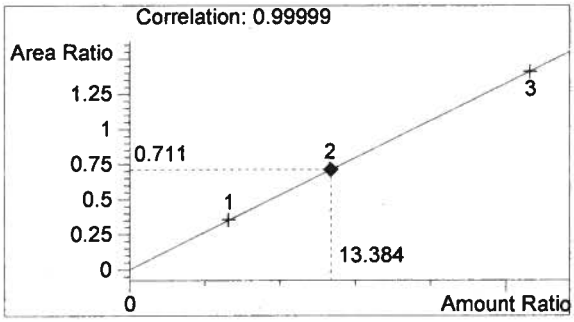
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/18/2013 11:34:31 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

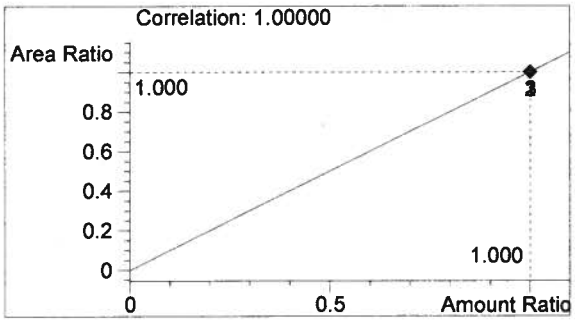
Sample Name: 0.158 CAL 2
Operator: Lyndsey Lowe
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1708	1.041
2	n-Propanol	2400	1.705



Ethanol 0.161 g/100mL



n-Propanol 0.012 g/100mL

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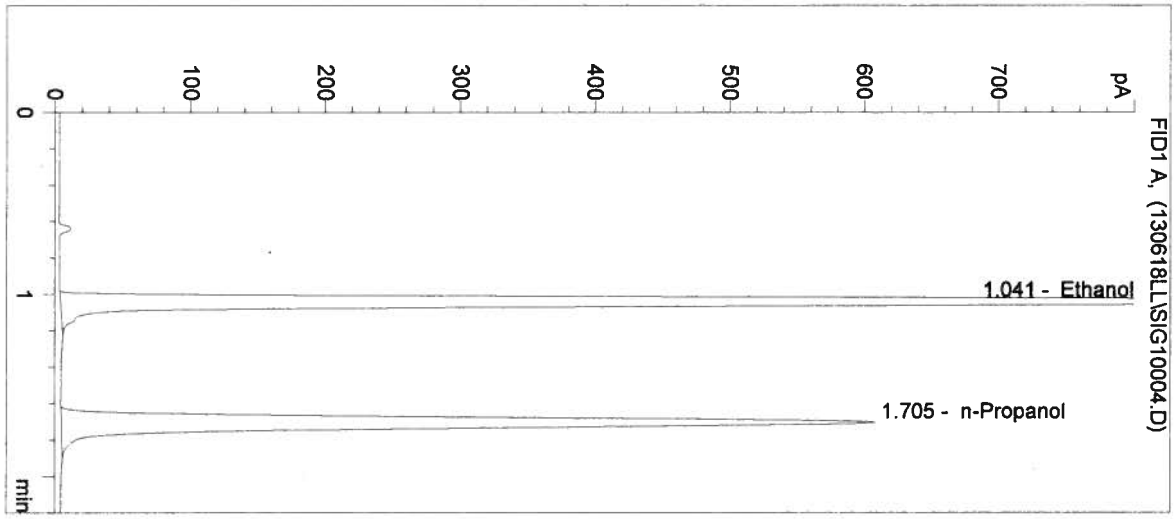
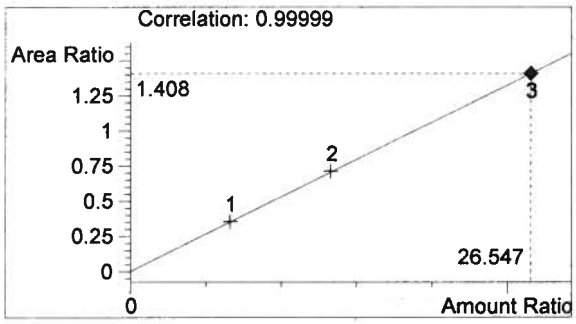
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/18/2013 11:37:36 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

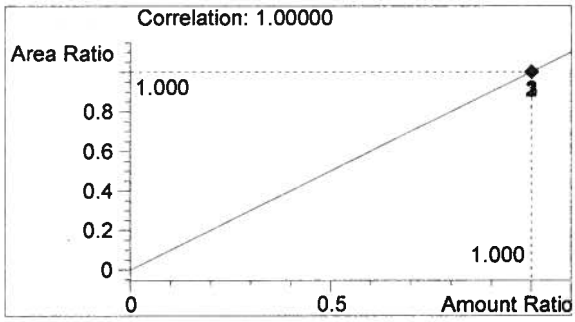
Sample Name: 0.316 CAL 3
Operator: Lyndsey Lowe
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3343	1.041
2	n-Propanol	2374	1.705



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

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Data File: C:\HPCHEM\1\DATA\130618LL\SIG10004.D

Washington State Patrol Toxicology Laboratory
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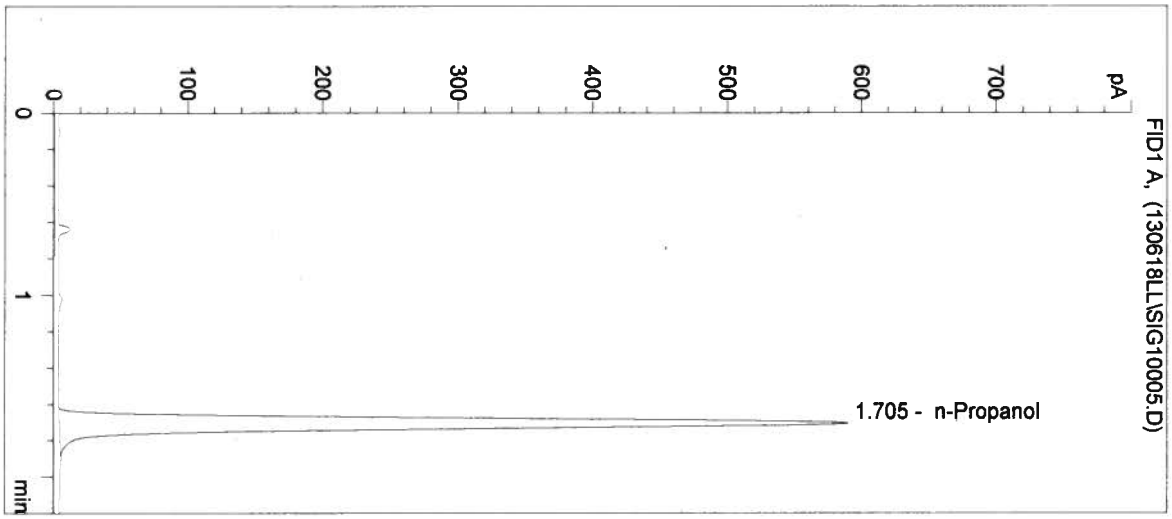
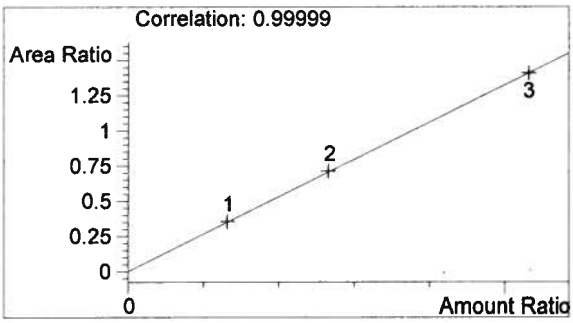
Inj. Date: 6/18/2013 11:40:40 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

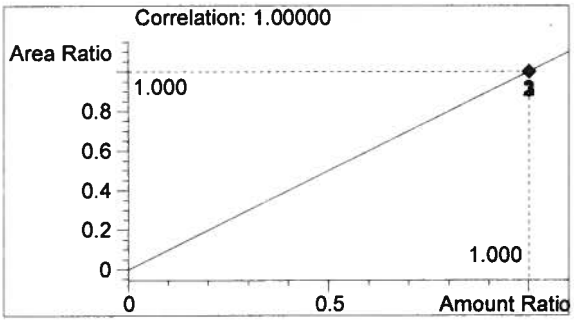
Sample Name: Negative
Operator: Lyndsey Lowe
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2315	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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13027

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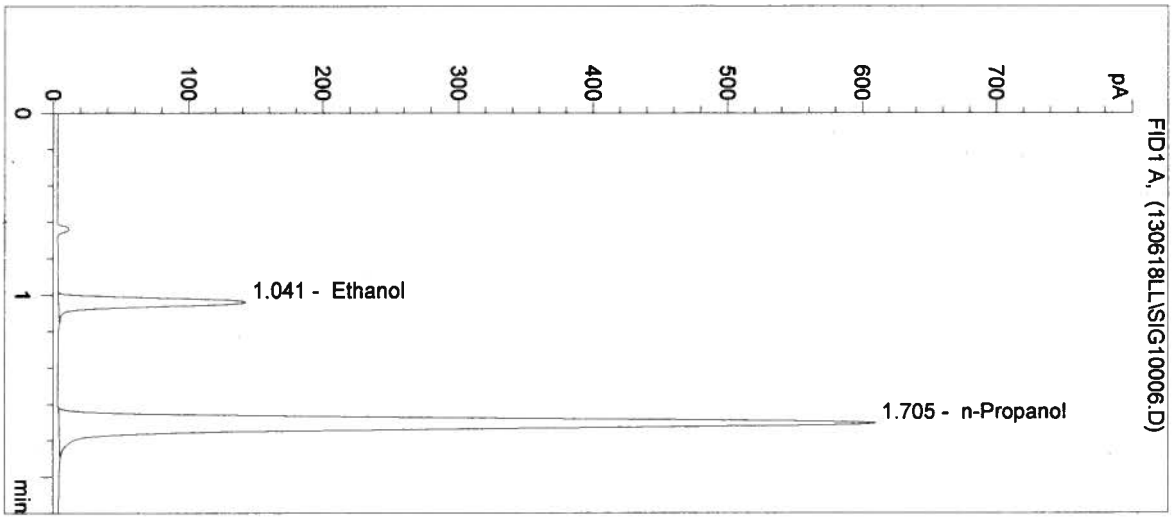
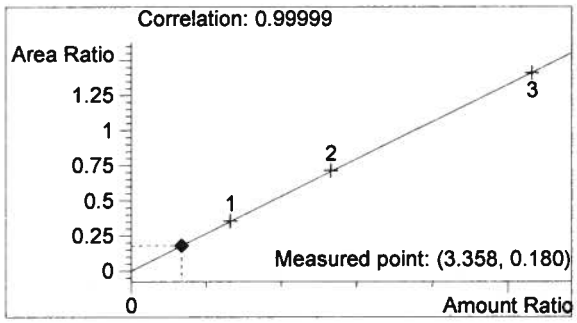
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/18/2013 11:43:45 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

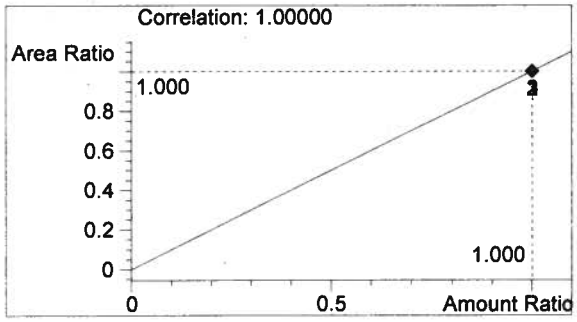
Sample Name: 0.04 Ctrl
Operator: Lyndsey Lowe
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	431	1.041
2	n-Propanol	2388	1.705



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

E 1 3 027

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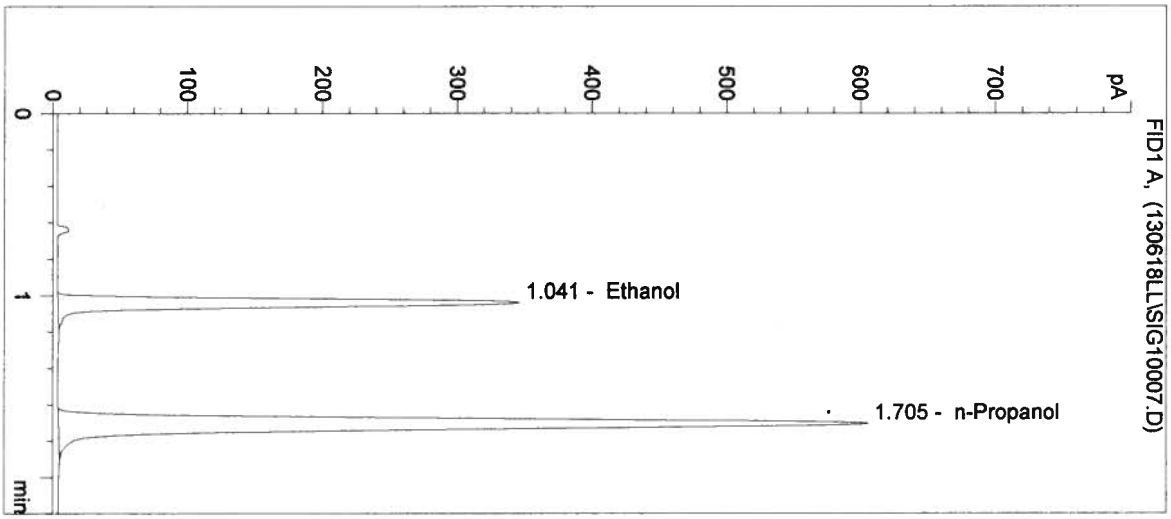
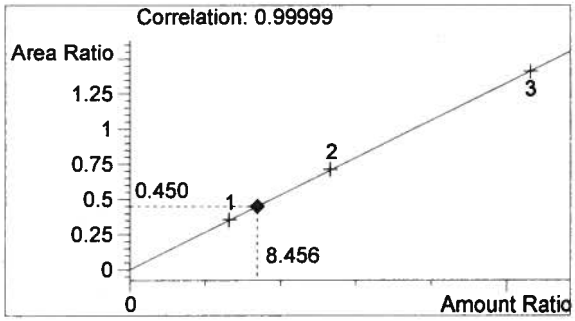
Inj. Date: 6/18/2013 11:46:50 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

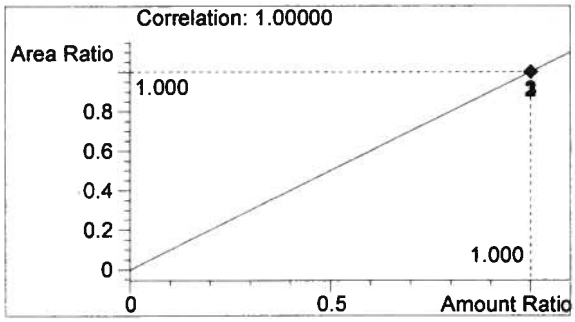
Sample Name: 0.10 Ctrl
Operator: Lyndsey Lowe
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1069	1.041
2	n-Propanol	2373	1.705



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

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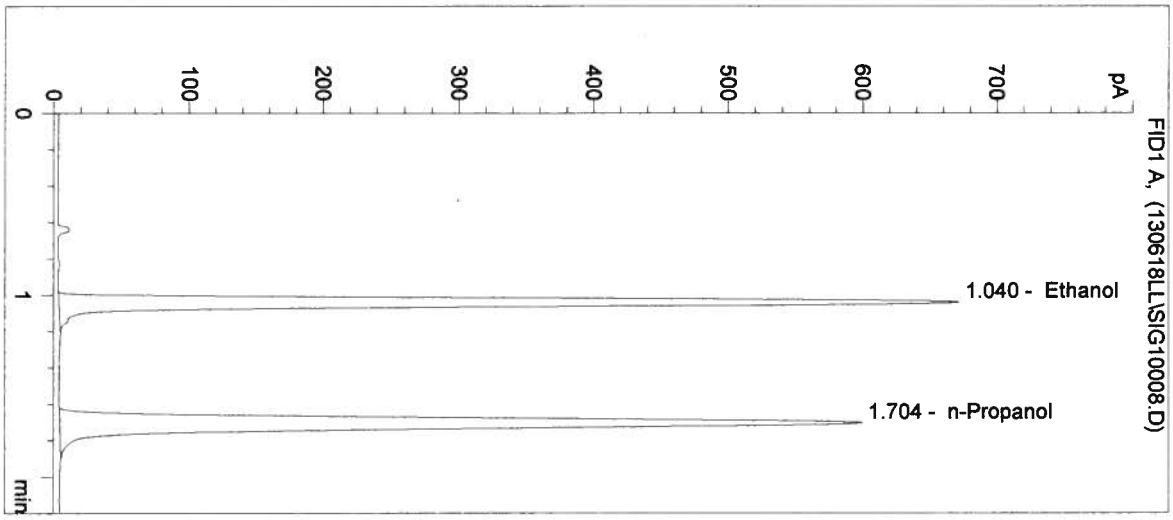
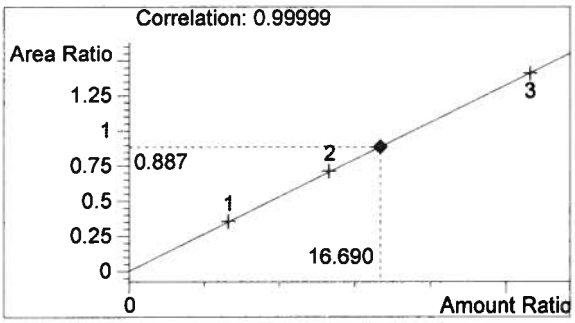
Inj. Date: 6/18/2013 11:49:54 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

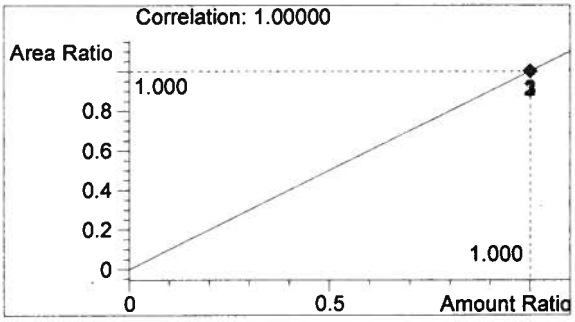
Sample Name: 0.20 Ctrl
Operator: Lyndsey Lowe
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2085	1.040
2	n-Propanol	2351	1.704



Ethanol 0.200 g/100mL



n-Propanol 0.012 g/100mL

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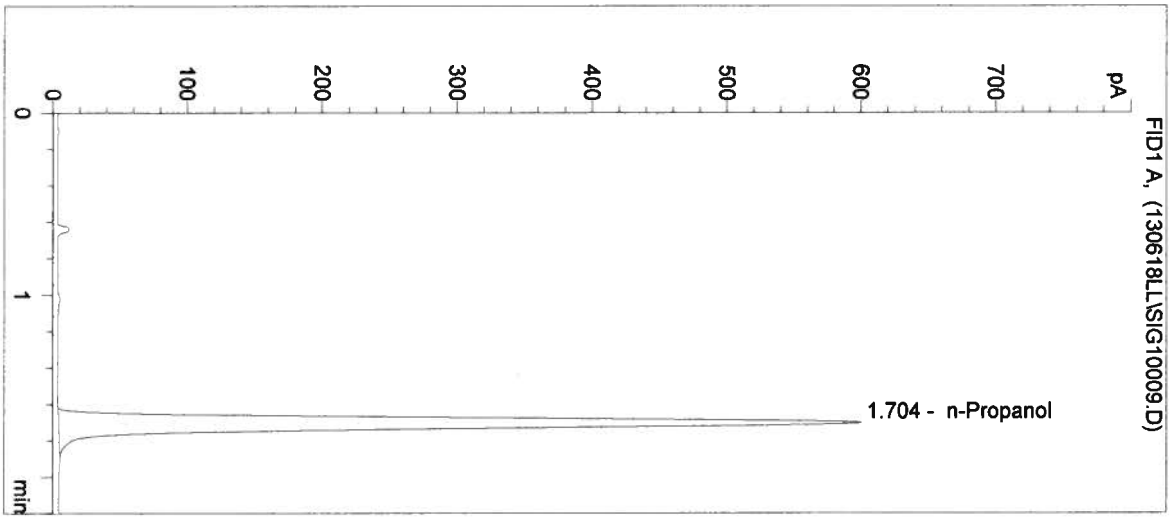
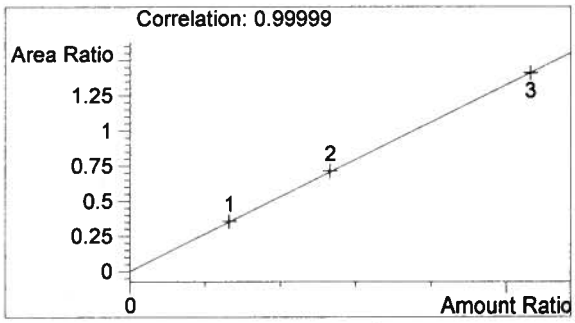
Inj. Date: 6/18/2013 11:52:59 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

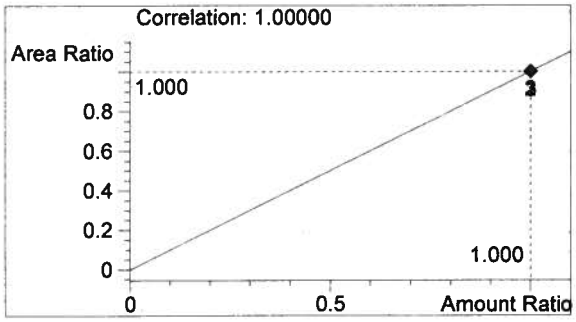
Sample Name: Negative
Operator: Lyndsey Lowe
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2354	1.704



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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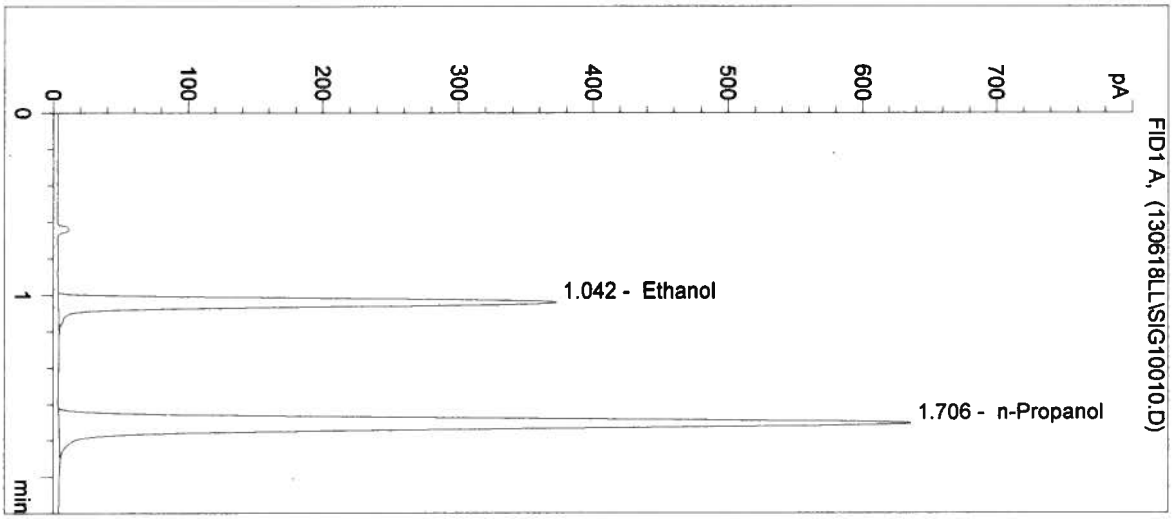
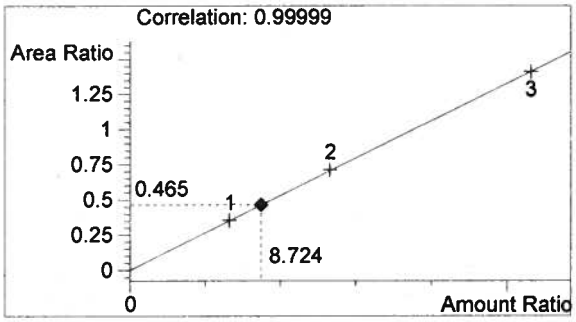
Inj. Date: 6/18/2013 11:56:04 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

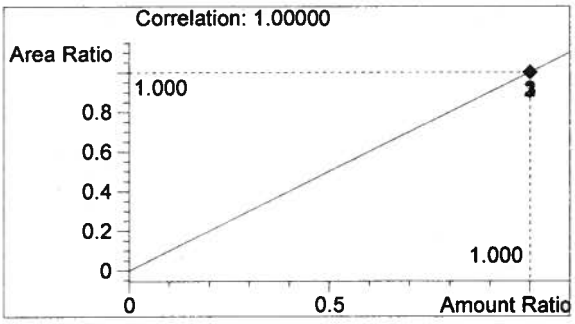
Sample Name: ESS 13027 #1
Operator: Lyndsey Lowe
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1161	1.042
2	n-Propanol	2498	1.706



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

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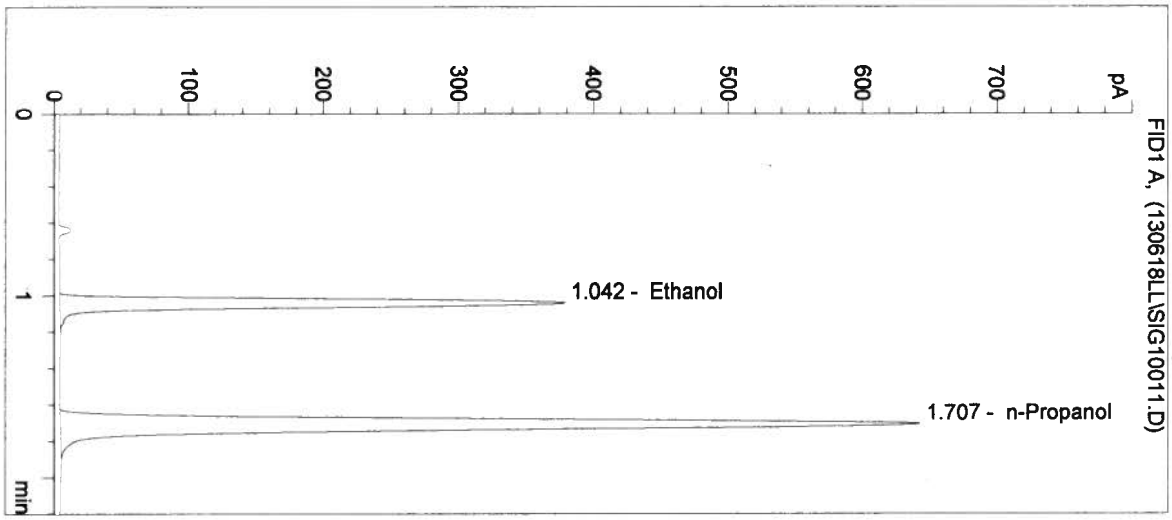
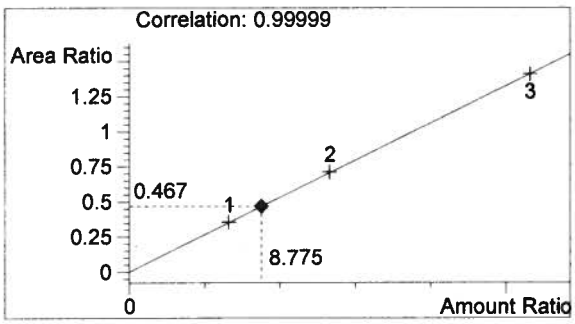
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/18/2013 11:59:09 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

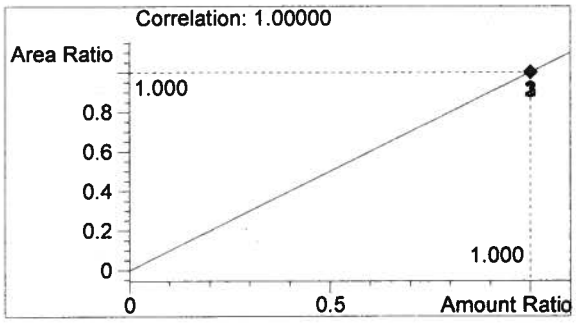
Sample Name: ESS 13027 #2
Operator: Lyndsey Lowe
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1180	1.042
2	n-Propanol	2525	1.707



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

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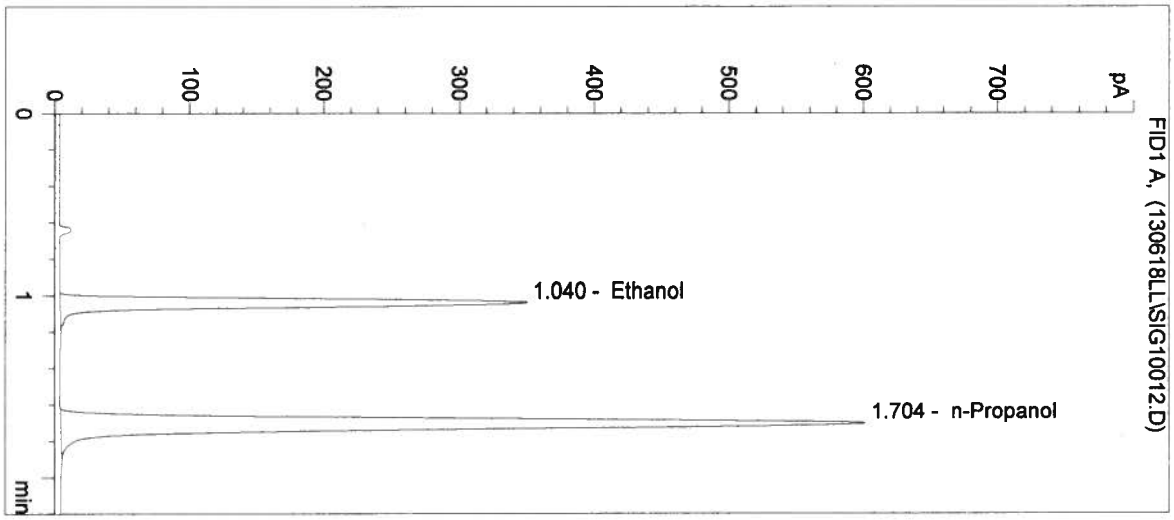
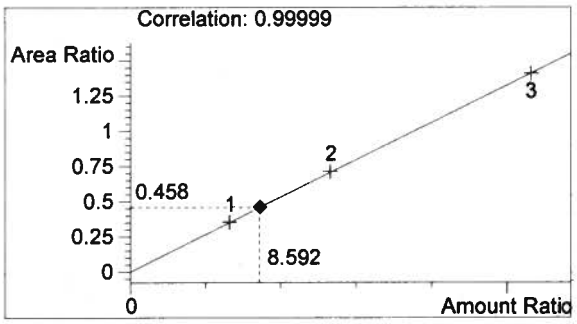
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/18/2013 12:02:13 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

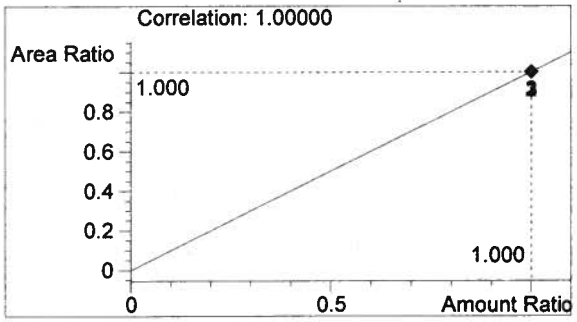
Sample Name: ESS 13027 #3
Operator: Lyndsey Lowe
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1076	1.040
2	n-Propanol	2352	1.704



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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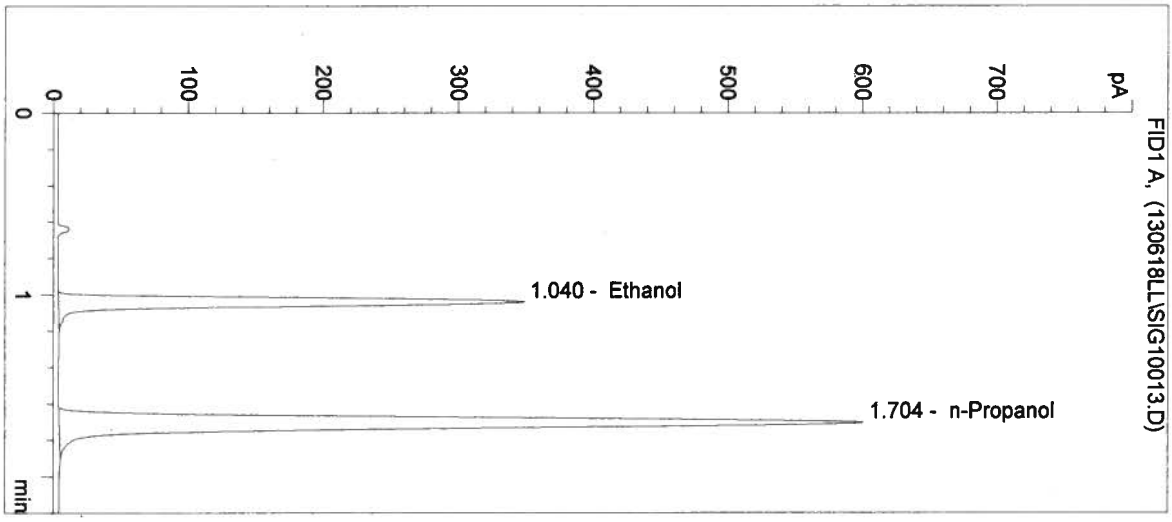
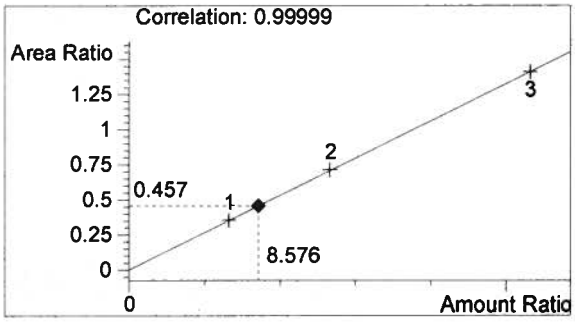
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/18/2013 12:05:18 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

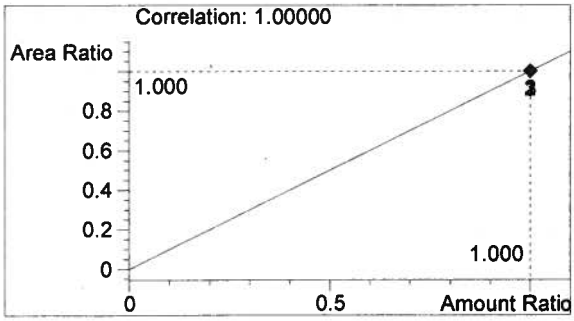
Sample Name: ESS 13027 #4
Operator: Lyndsey Lowe
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1075	1.040
2	n-Propanol	2352	1.704



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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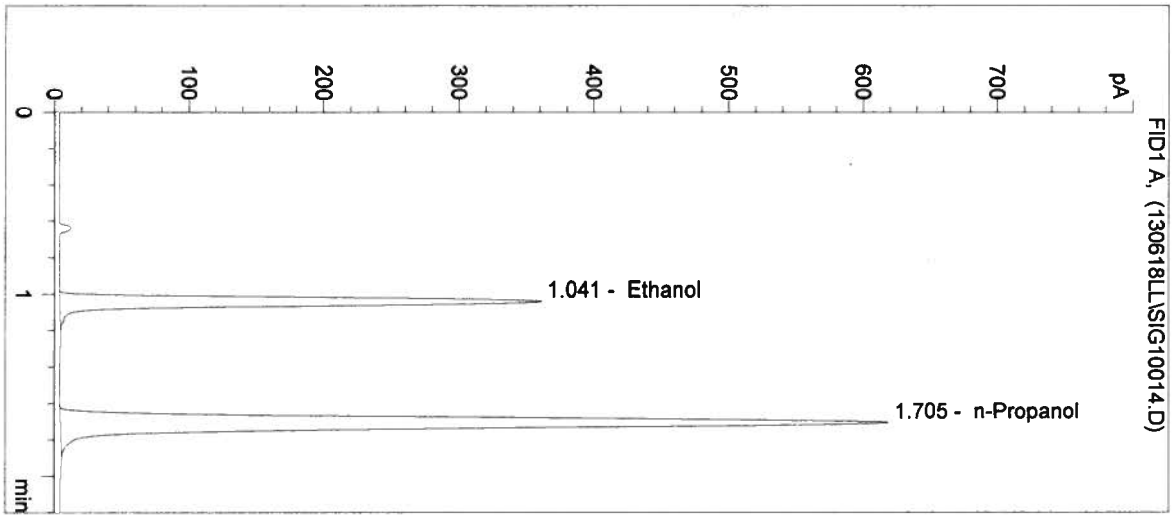
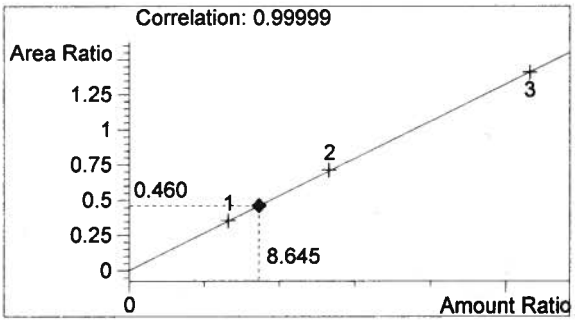
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/18/2013 12:08:23 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

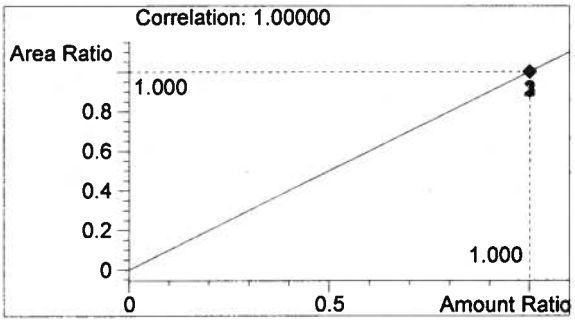
Sample Name: ESS 13027 #5
Operator: Lyndsey Lowe
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1114	1.041
2	n-Propanol	2420	1.705



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

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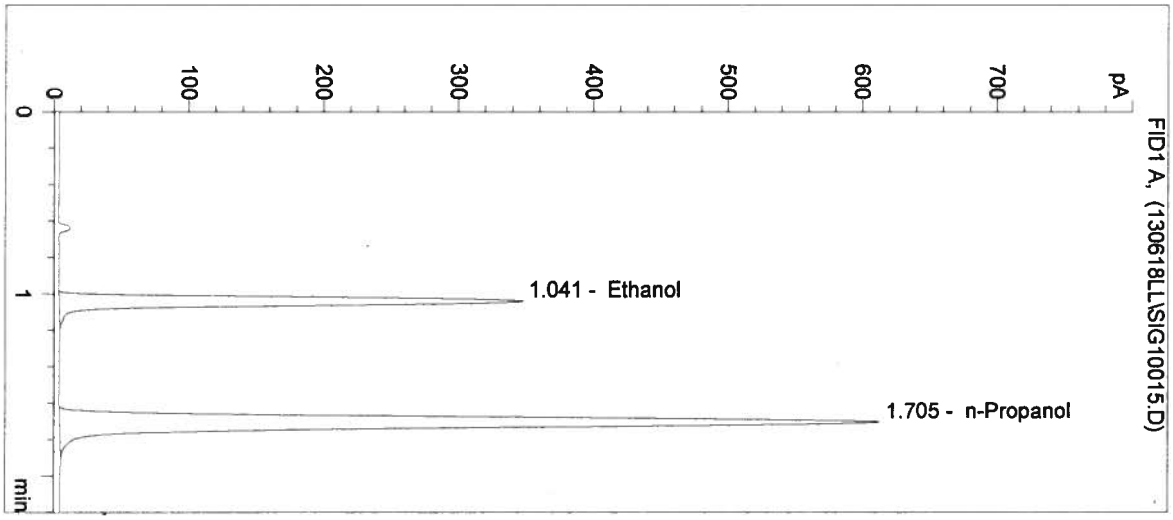
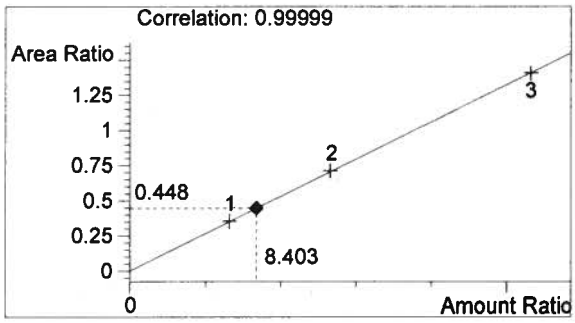
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/18/2013 12:11:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

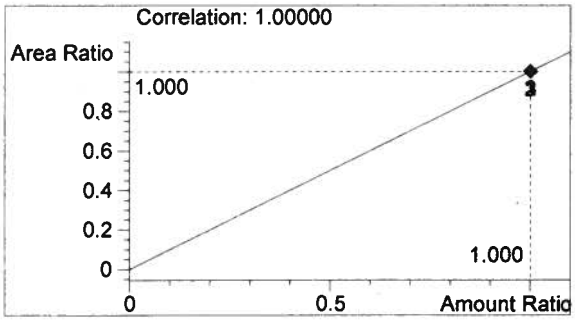
Sample Name: 0.10 Ctrl
Operator: Lyndsey Lowe
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1075	1.041
2	n-Propanol	2401	1.705



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

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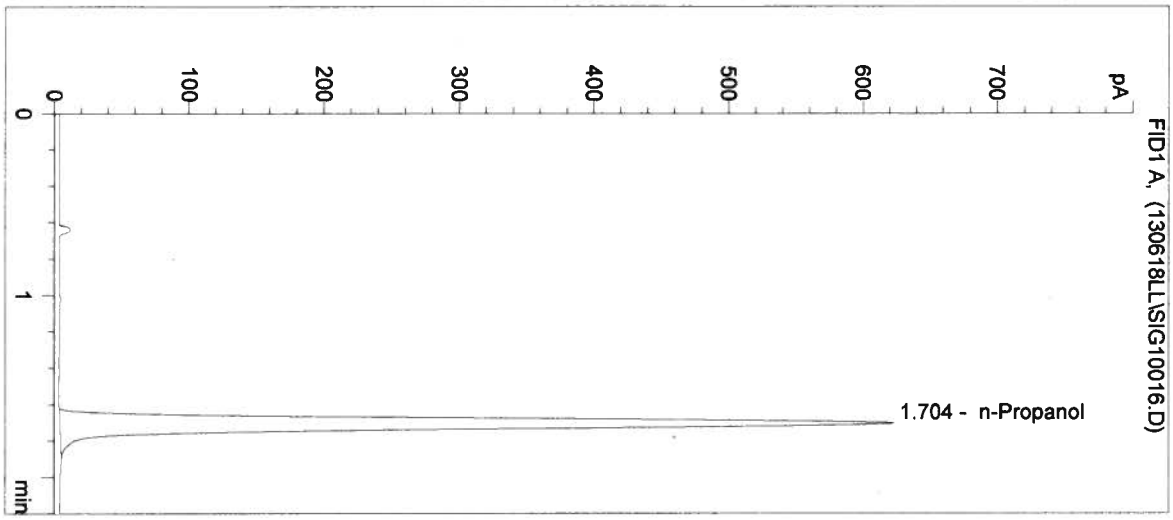
LL

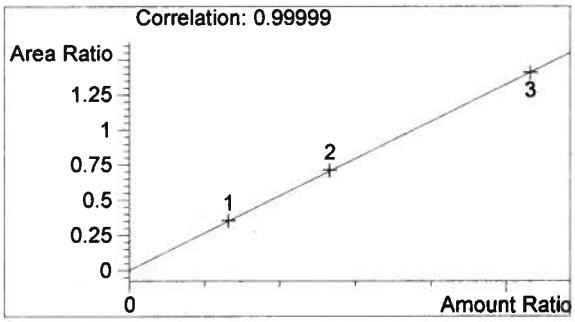
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/18/2013 12:14:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

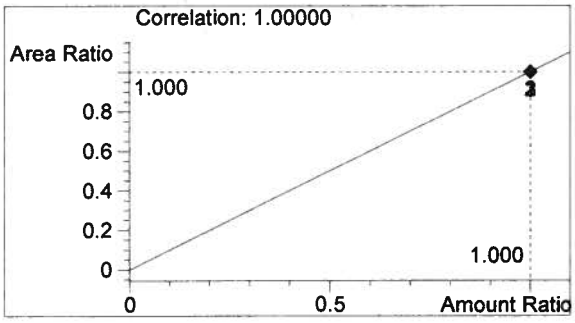
Sample Name: Negative
Operator: Lyndsey Lowe
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2442	1.704



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13027

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

Sequence Parameters:

Operator: ~~Justin Knoy~~ Nazihar Nuwaybid 6/23/13 NN

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: 130623NN

Part of Methods to run: According to Runtime Checklist

Barcode Reader: not used

Shutdown Cmd/Macro: none

Sequence Comment:
0.04 Control - Lot# A088613 - exp 09/2016
0.10 Control - Lot# A090924 - exp 01/2017
0.20 Control - Lot# A093219 - exp 05/2017
n-Propanol ISTD - Lot# P0513 - exp 8/02/2013
0.079 Cal 1 - Lot# E0213-01 - exp 8/20/2013
0.158 Cal 2 - Lot# E0213-02 - exp 8/20/2013
0.316 Cal 3 - Lot# E0213-03 - exp 8/20/2013

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 CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	13027 #1	SIMALC1	1	Sample		
11	Vial 11	13027 #2	SIMALC1	1	Sample		
12	Vial 12	13027 #3	SIMALC1	1	Sample		
13	Vial 13	13027 #4	SIMALC1	1	Sample		
14	Vial 14	13027 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	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	

13027

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

Sequence Table (Back Injector):

No entries - empty table!

13027

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

Calibration Table

Calib. Data Modified : Sunday, June 23, 2013 3:25:17 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	7.93800e-2	848.39136	9.35653e-5	1		Ethanol
		2	1.59660e-1	1674.46338	9.53500e-5			
		3	3.19080e-1	3350.11035	9.52446e-5			
1.704	1	1	1.20000e-2	2397.79224	5.00460e-6	I1		n-Propanol
		2	1.20000e-2	2355.87207	5.09366e-6			
		3	1.20000e-2	2379.64819	5.04276e-6			

Peak Sum Table

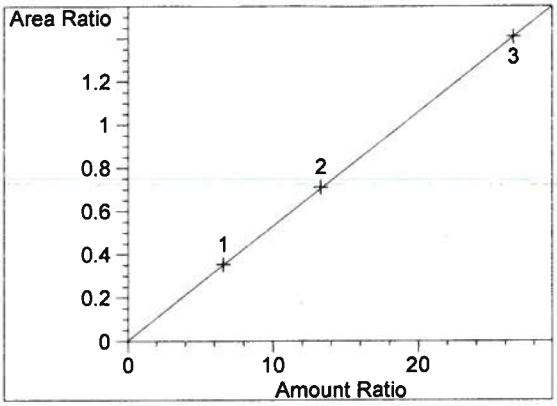
No Entries in table

13027

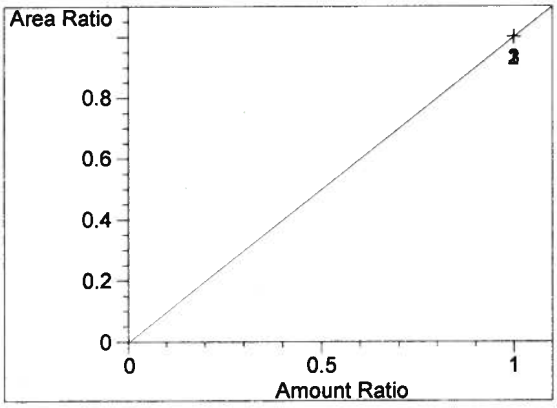
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.040
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00375
Formula: y = mx + b
m: 5.29263e-2
b: 2.69959e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.704
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

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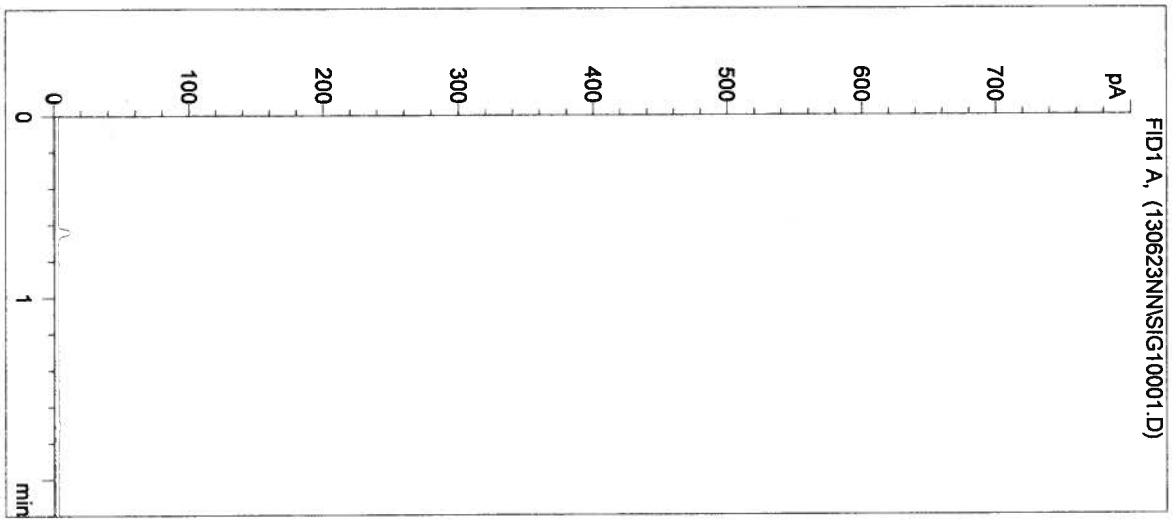
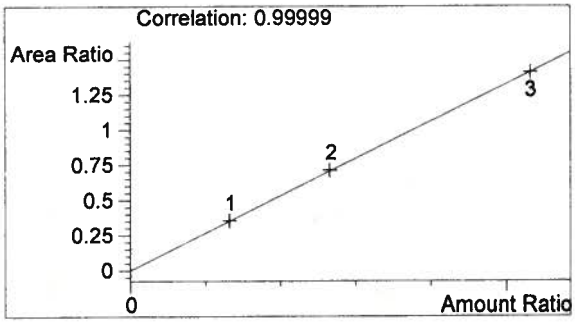
Inj. Date: 6/23/2013 3:13:50 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

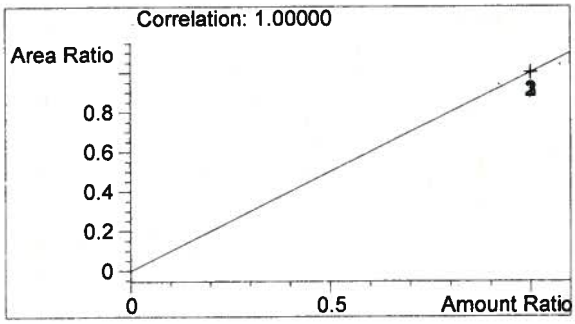
Sample Name: BLANK
Operator: ~~Justin Knoy~~ Nazira Nunghid 6/23/13 NN
Location: Vial 1



#	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

13027

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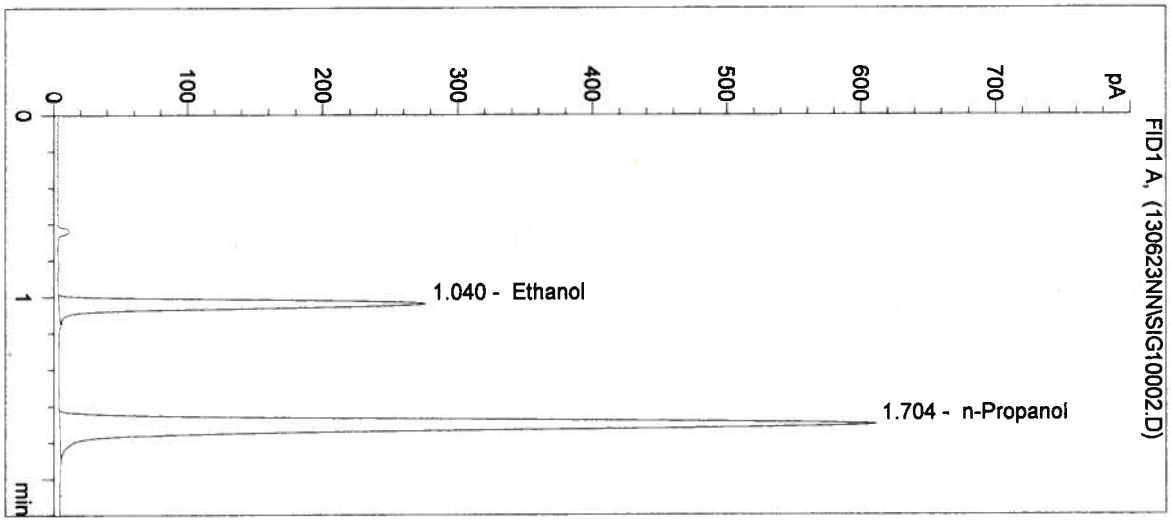
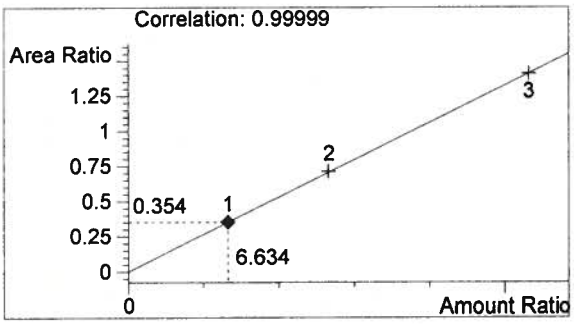
Inj. Date: 6/23/2013 3:16:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

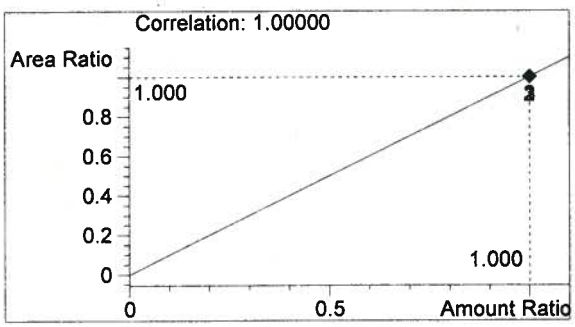
Sample Name: 0.079 CAL 1
Operator: ~~Justin Knoy~~ Nazita Nuwaybid 6/23/13 NN
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	848	1.040
2	n-Propanol	2398	1.704



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

13027

NN

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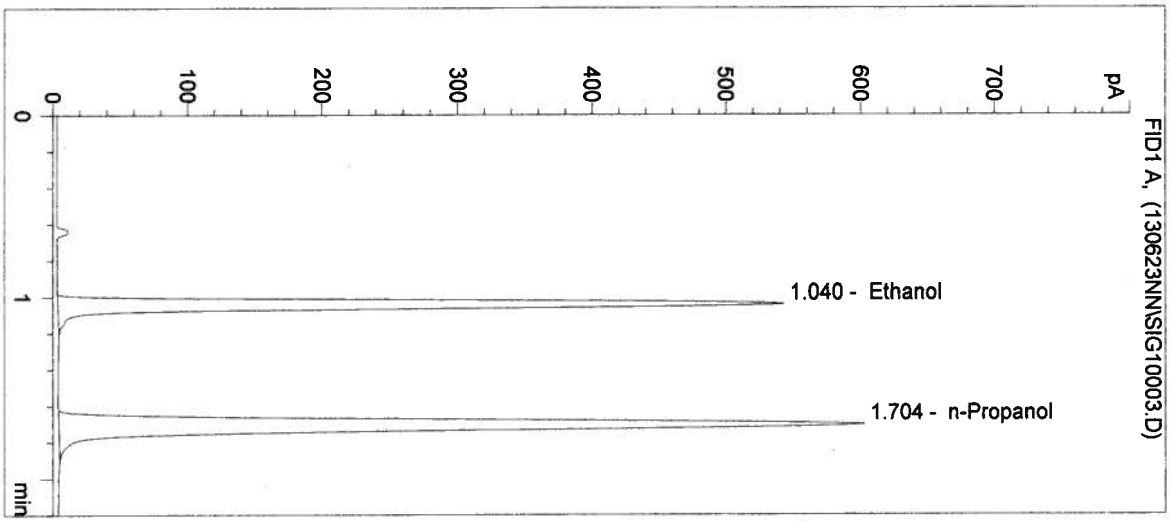
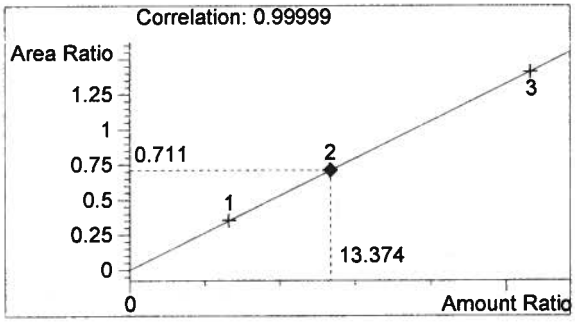
Inj. Date: 6/23/2013 3:20:00 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

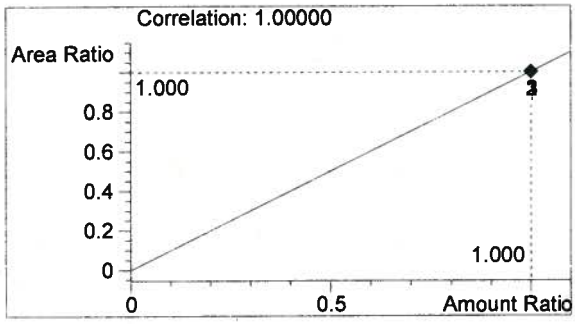
Sample Name: 0.158 CAL 2
Operator: ~~Justin Knoy~~ Nazihe Nuwayhed 6/23/13 NN
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1674	1.040
2	n-Propanol	2356	1.704



Ethanol 0.160 g/100mL



n-Propanol 0.012 g/100mL

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Data File: C:\HPCHEM\1\DATA\130623NN\SIG10003.D

NN

Washington State Patrol Toxicology Laboratory
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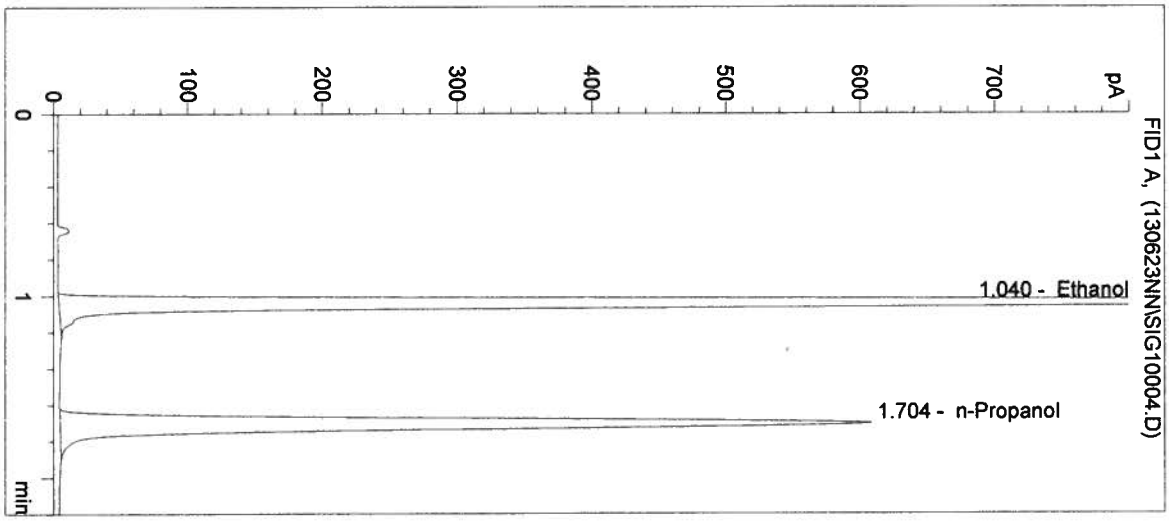
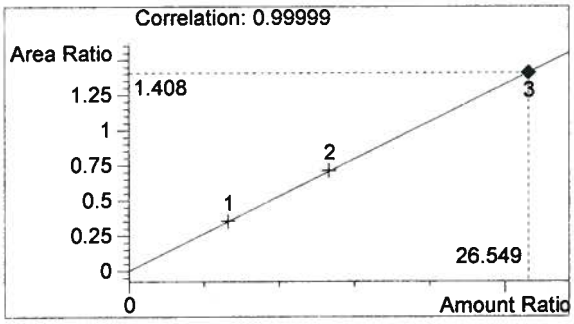
Inj. Date: 6/23/2013 3:23:04 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

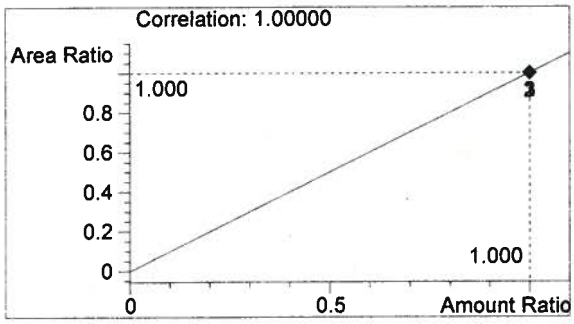
Sample Name: 0.316 CAL 3
Operator: ~~Justin Knoy~~ Nazihah Nawaghid 6/23/13 NN
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3350	1.040
2	n-Propanol	2380	1.704



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

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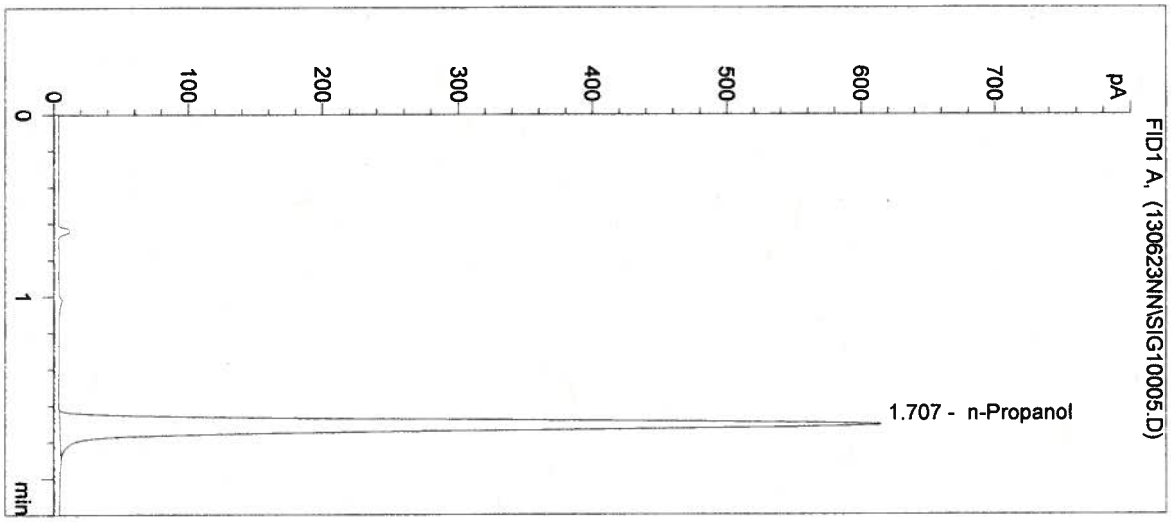
Data File: C:\HPCHEM\1\DATA\130623NN\SIG10004.D

NN

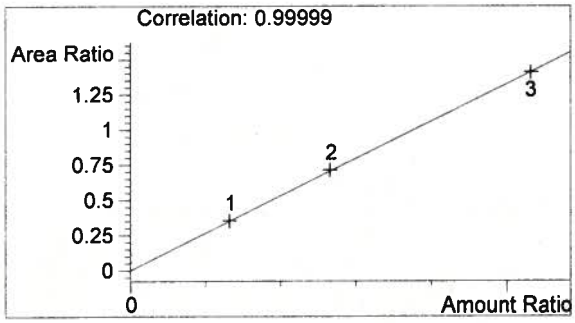
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/23/2013 3:26:09 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

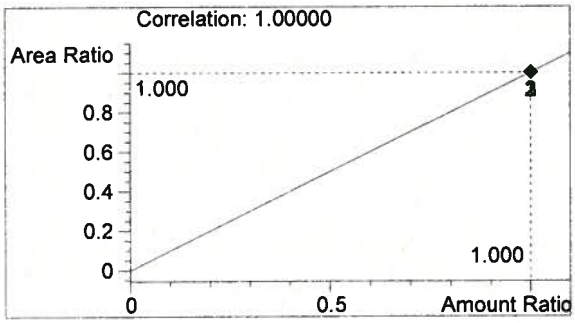
Sample Name: NEG CTRL
Operator: ~~Justin Knoy~~ Nazihar Nurtaghid 6/23/13 NN
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2409	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13027

Data File: C:\HPCHEM\1\DATA\130623NN\SIG10005.D

NN

Washington State Patrol Toxicology Laboratory
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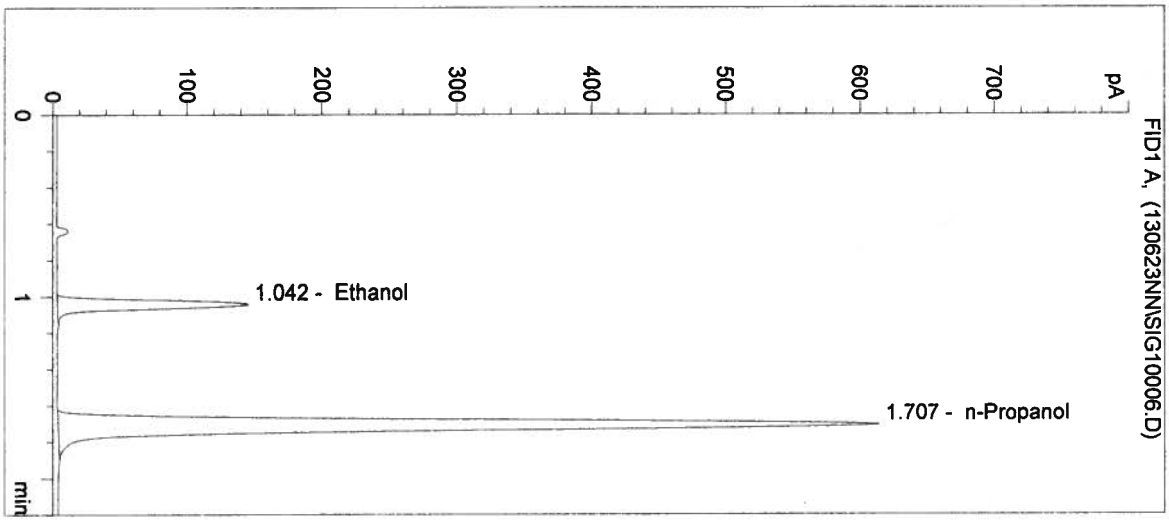
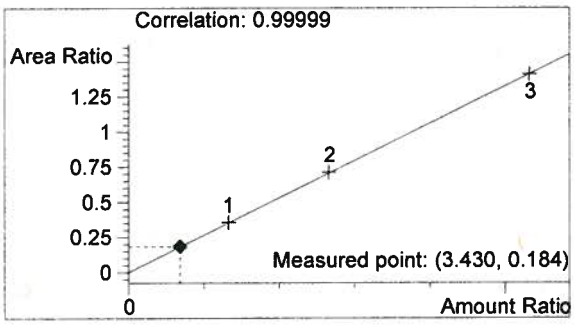
Inj. Date: 6/23/2013 3:29:14 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

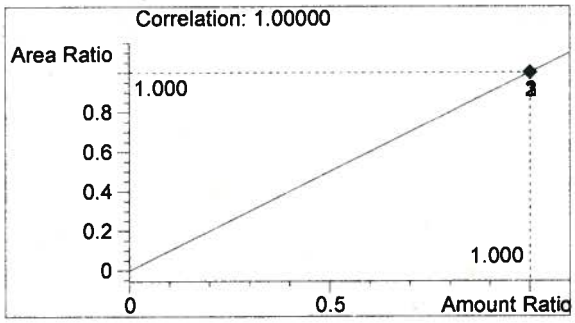
Sample Name: 0.04 CTRL
Operator: ~~Justin Knoy~~ Nazihar Nawaghid 6/23/13 NN
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	443	1.042
2	n-Propanol	2404	1.707



Ethanol 0.041 g/100mL



n-Propanol 0.012 g/100mL

13027

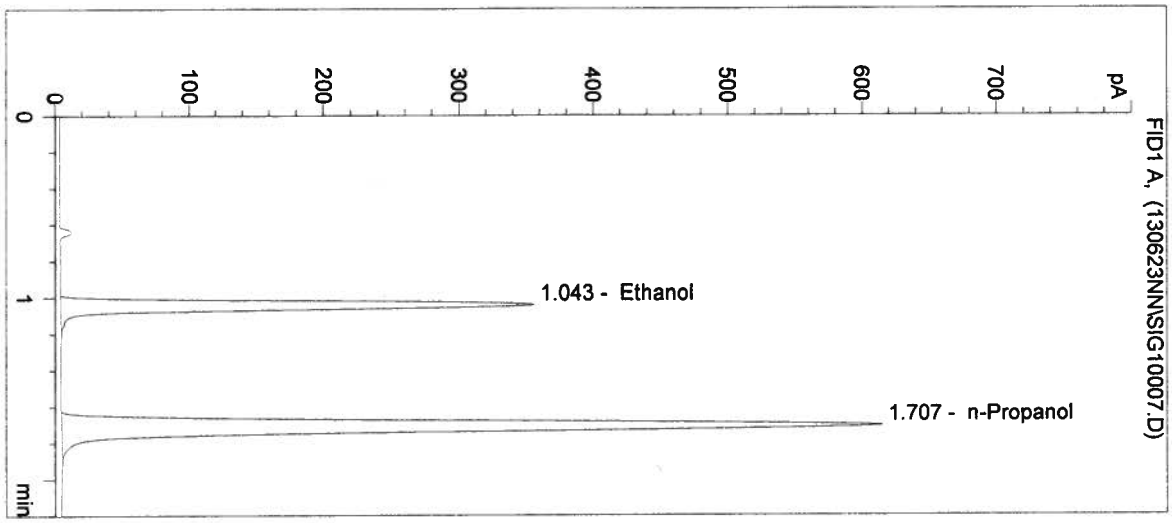
Data File: C:\HPCHEM\1\DATA\130623NN\SIG10006.D

NN

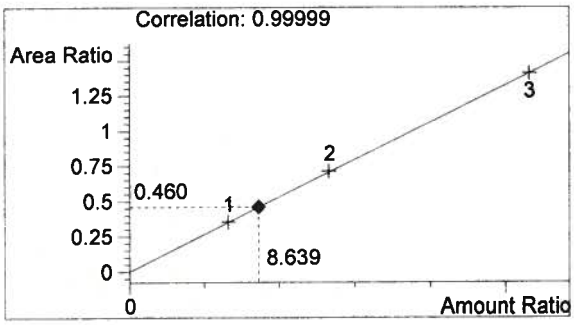
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/23/2013 3:32:18 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

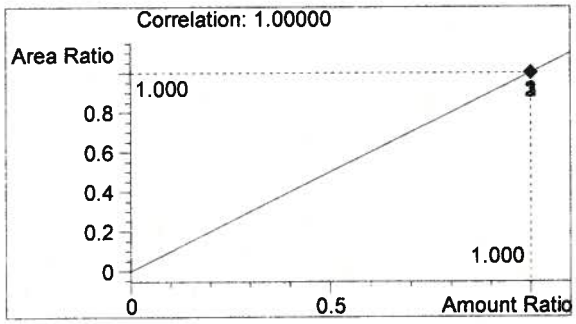
Sample Name: 0.10 CTRL
Operator: ~~Justin Knoy~~ Nazihar Nuwayhid 6/23/13
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1107	1.043
2	n-Propanol	2407	1.707



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

13027

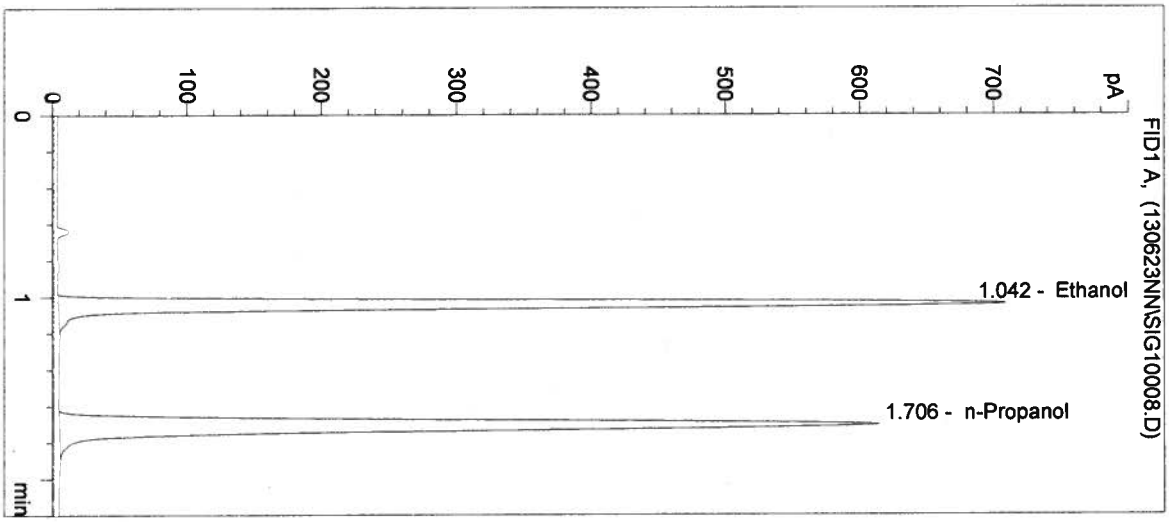
Data File: C:\HPCHEM\1\DATA\130623NN\SIG10007.D

NN

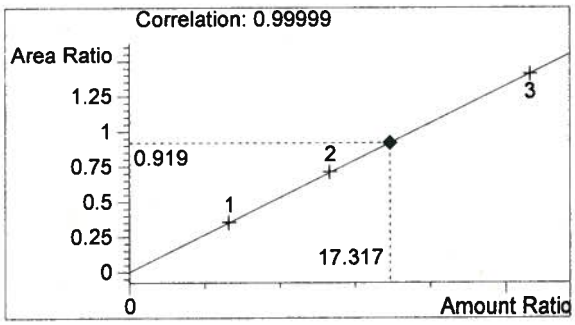
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/23/2013 3:35:23 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

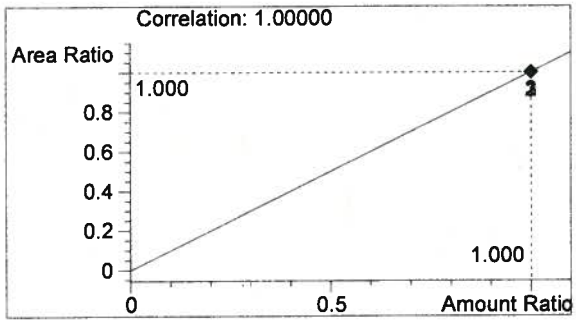
Sample Name: 0.20 CTRL
Operator: ~~Justin Knoy~~ Nazihar Nuwaylati 6/23/13 nn
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2207	1.042
2	n-Propanol	2401	1.706



Ethanol 0.208 g/100mL



n-Propanol 0.012 g/100mL

13027

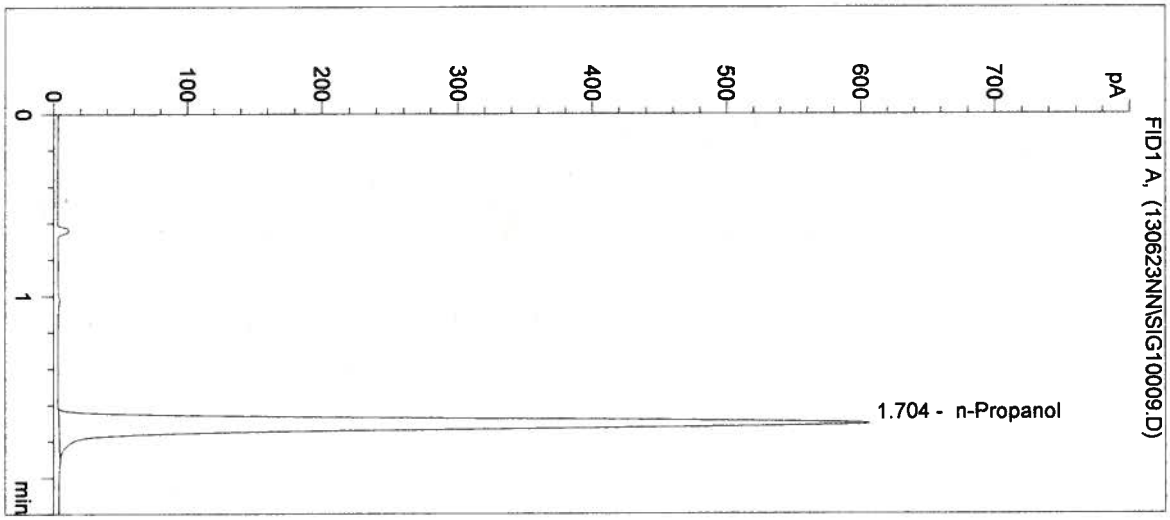
Data File: C:\HPCHEM\1\DATA\130623NN\SIG10008.D

NN

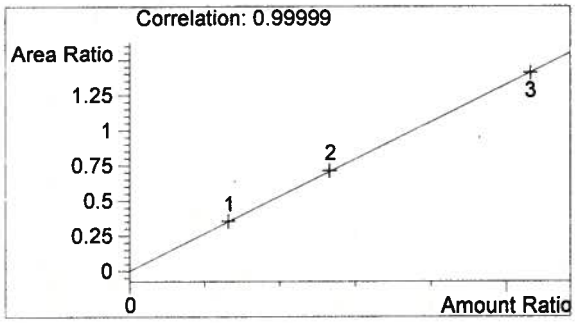
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/23/2013 3:38:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

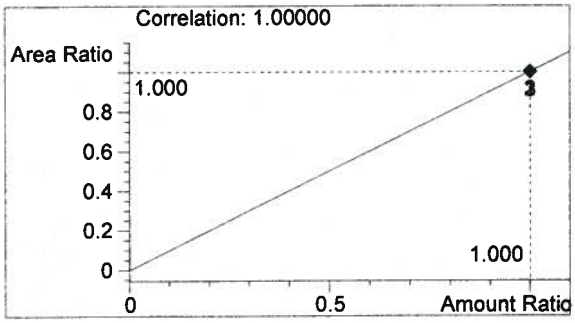
Sample Name: NEG CTRL
Operator: ~~Justin Knoy~~ Naziha Nuwayhid 6/23/13 nw
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2382	1.704



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13027

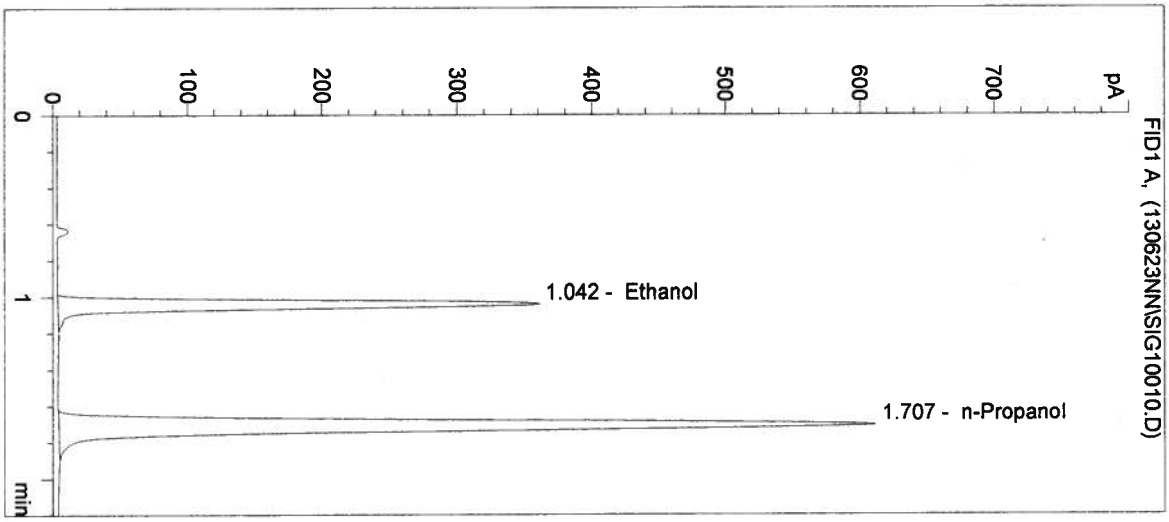
Data File: C:\HPCHEM\1\DATA\130623NN\SIG10009.D

NN

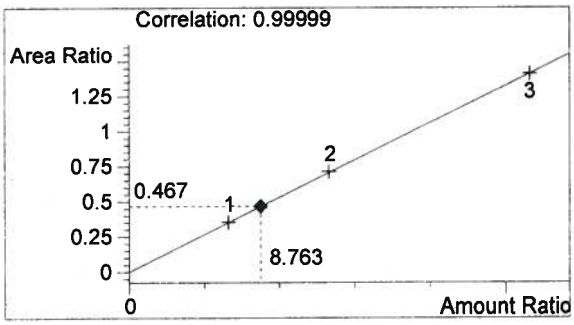
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/23/2013 3:41:33 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

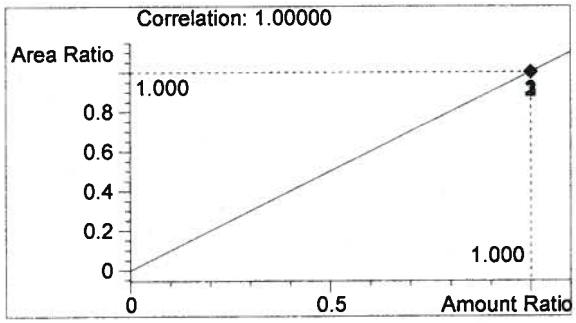
Sample Name: 13027 #1
Operator: ~~Justin Knoy~~ Nazita Nawaghid 6/23/13 NN
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1119	1.042
2	n-Propanol	2399	1.707



Ethanol 0.105 g/100mL



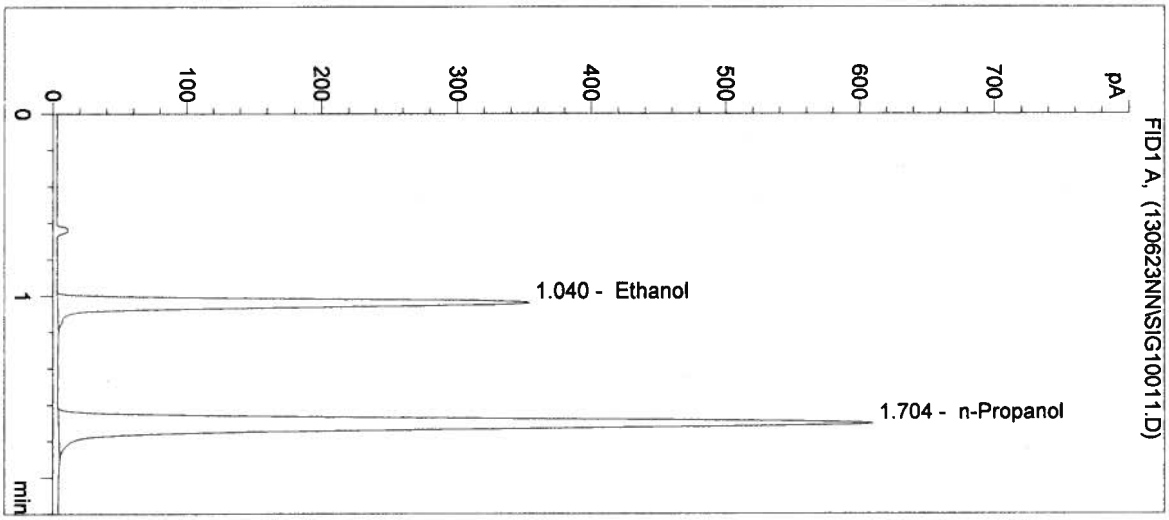
n-Propanol 0.012 g/100mL

NN

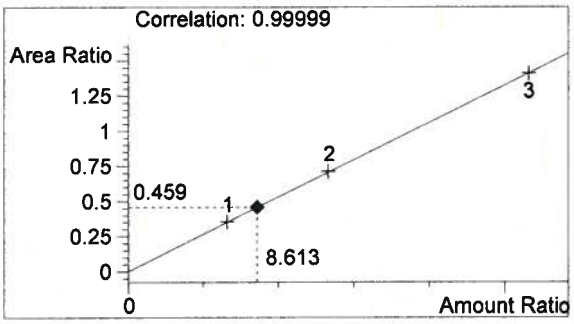
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/23/2013 3:44:37 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

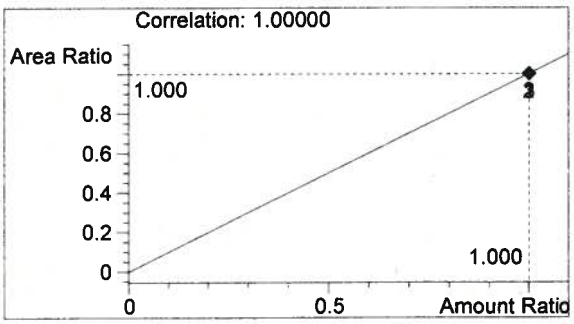
Sample Name: 13027 #2
Operator: ~~Justin Knoy~~ Nazira Nuwayhid 6/23/13 NN
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1096	1.040
2	n-Propanol	2389	1.704



Ethanol 0.103 g/100mL



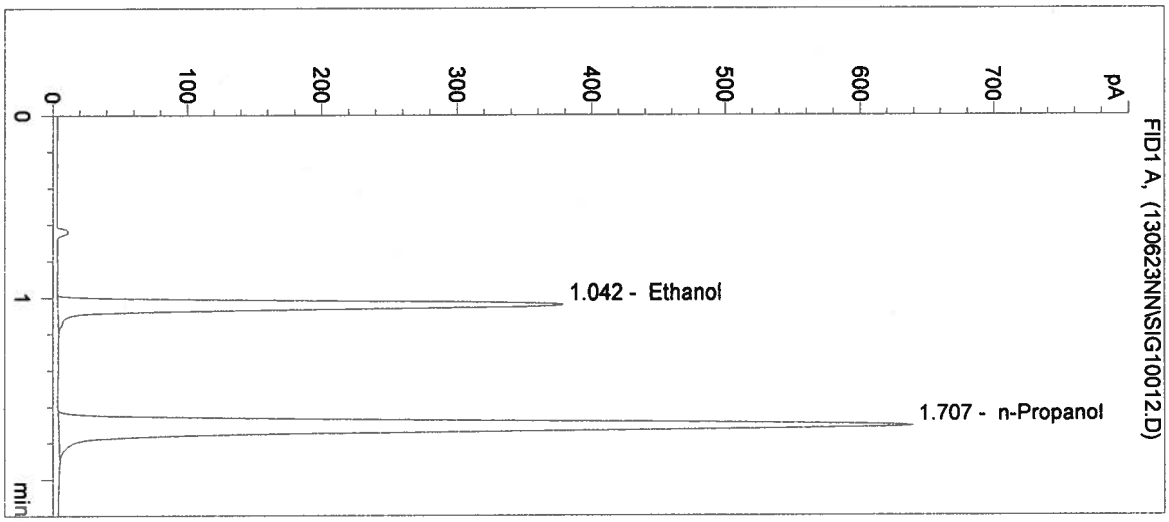
n-Propanol 0.012 g/100mL

NN

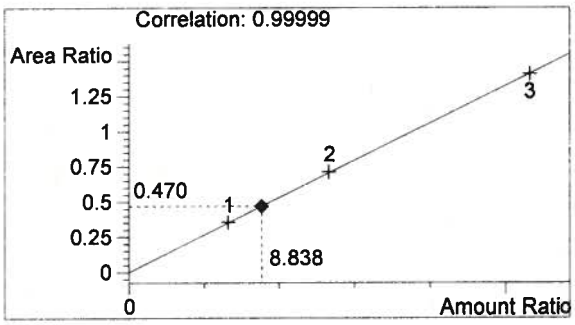
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/23/2013 3:47:42 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

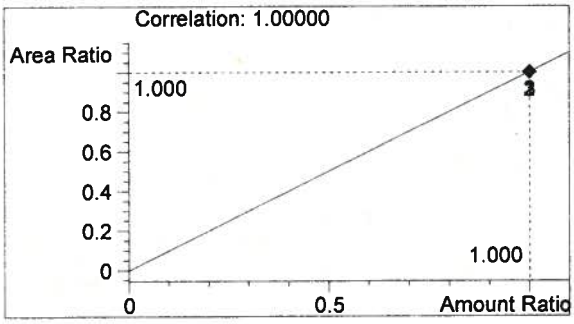
Sample Name: 13027 #3
Operator: ~~Justin Knoy~~ Nazira Nuwaybid 6/23/13 NN
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1178	1.042
2	n-Propanol	2503	1.707



Ethanol 0.106 g/100mL



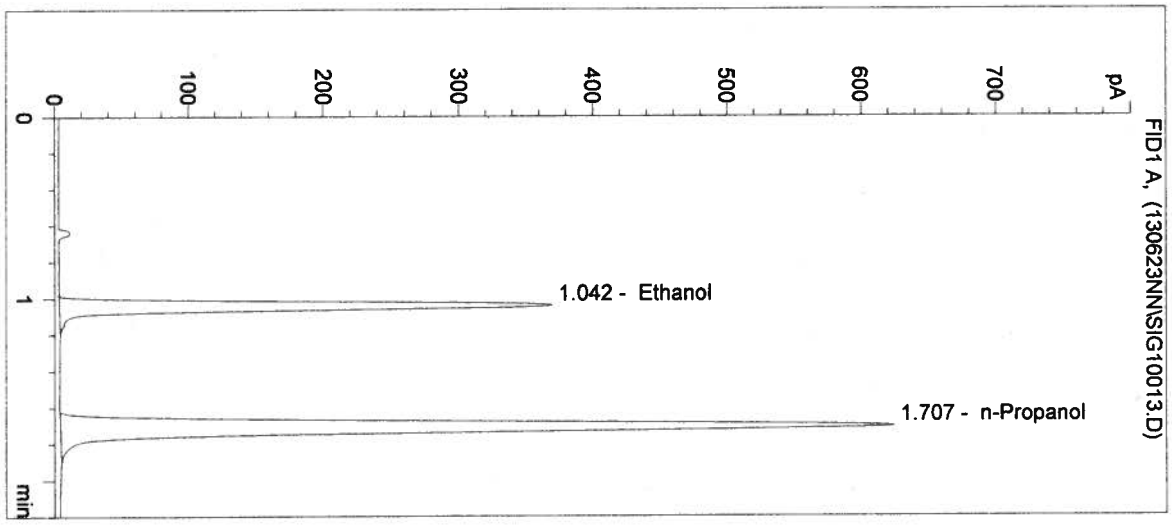
n-Propanol 0.012 g/100mL

NN

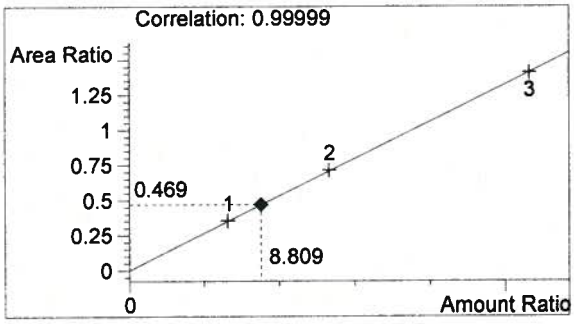
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/23/2013 3:50:47 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

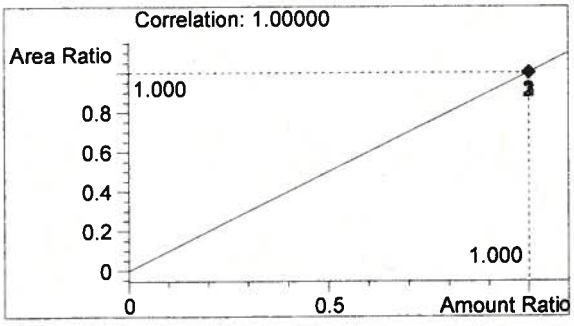
Sample Name: 13027 #4
Operator: ~~Justin Knoy~~ Nazira Nuwaghid 6/23/13 NN
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1147	1.042
2	n-Propanol	2445	1.707



Ethanol 0.106 g/100mL



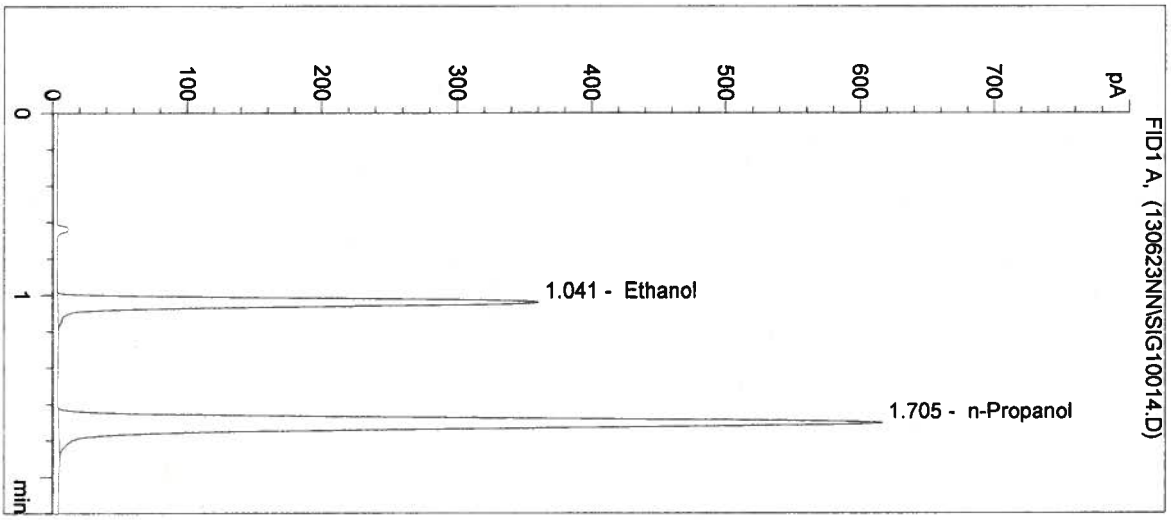
n-Propanol 0.012 g/100mL

NN

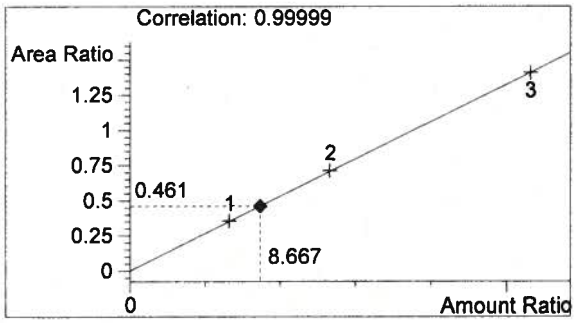
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/23/2013 3:53:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

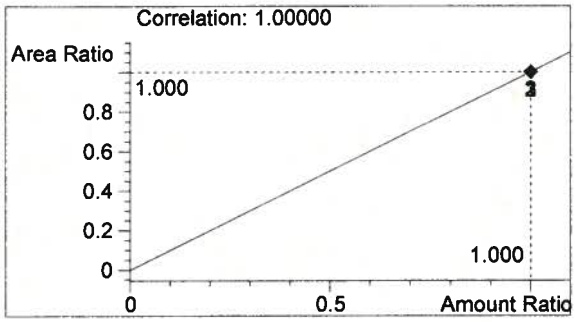
Sample Name: 13027 #5
Operator: ~~Justin Knoy~~ Nazira Nawaghid 6/23/13 nn
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1109	1.041
2	n-Propanol	2404	1.705



Ethanol 0.104 g/100mL



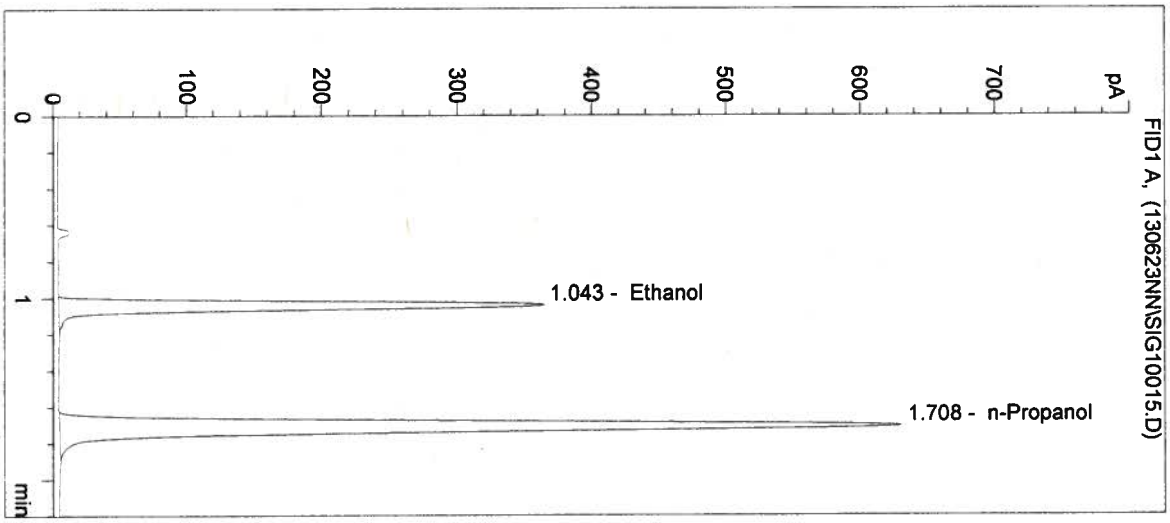
n-Propanol 0.012 g/100mL

NN

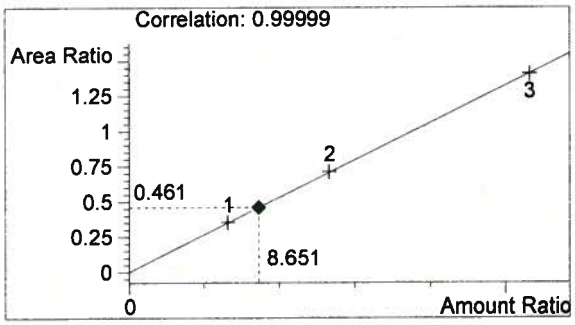
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/23/2013 3:56:57 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

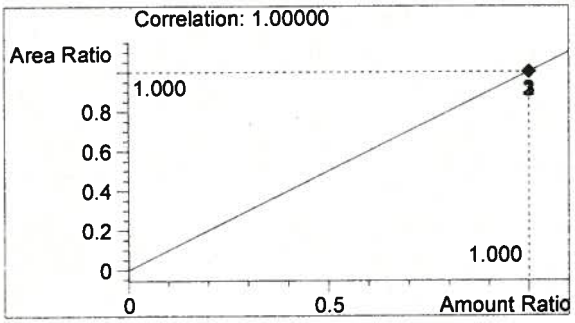
Sample Name: 0.10 CTRL
Operator: ~~Justin Knoy~~ Naziha Nuwaybid 6/23/13 NN
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1139	1.043
2	n-Propanol	2473	1.708



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

13027

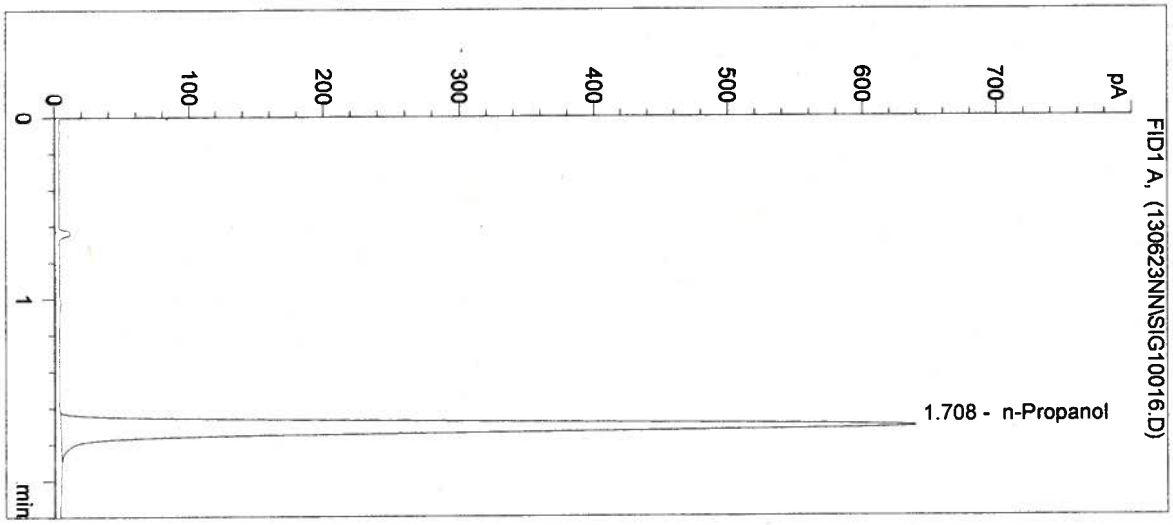
Data File: C:\HPCHEM\1\DATA\130623NN\SIG10015.D

NN

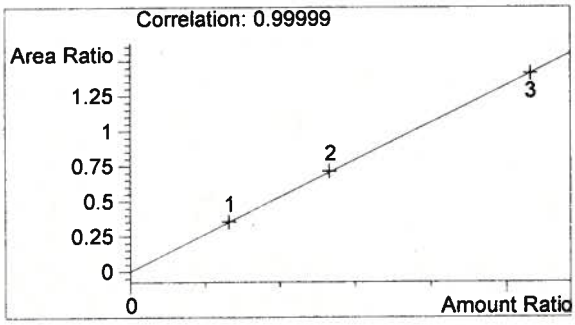
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/23/2013 4:00:01 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

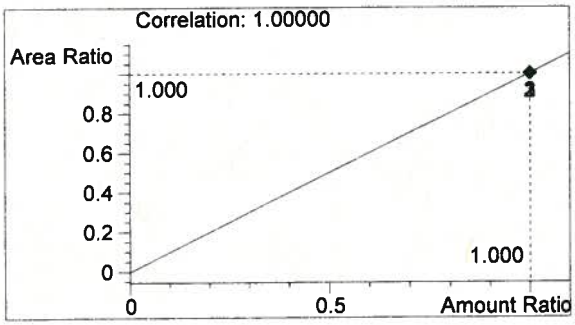
Sample Name: NEG CTRL
Operator: ~~Justin Knoy~~ Nazihen Nuwighed 6/23/13 NN
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2511	1.708



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13027

Data File: C:\HPCHEM\1\DATA\130623NN\SIG10016.D

NN

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

Sequence Parameters:

Operator:	Amanda Chandler
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:	130625AC
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0213-01 - Exp. 08/20/13
Ethanol Calibrator 2, E0213-02 - Exp. 08/20/13
Ethanol Calibrator 3, E0213-03 - Exp. 08/20/13

0.04 Control - Lot #A088613 - Exp. 09/2016
0.10 Control - Lot #A090924 - Exp. 01/2017
0.20 Control - Lot #A093219 - Exp. 05/2017

ISTD Lot#P0513 - Exp. 08/02/2013

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	Negative AC	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 Ctrl AC	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 Ctrl AC	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 Ctrl AC	SIMALC1	1	Ctrl Samp		
9	Vial 9	Negative AC	SIMALC1	1	Ctrl Samp		
10	Vial 10	ESS 13027 #1	SIMALC1	1	Sample		
11	Vial 11	ESS 13027 #2	SIMALC1	1	Sample		
12	Vial 12	ESS 13027 #3	SIMALC1	1	Sample		
13	Vial 13	ESS 13027 #4	SIMALC1	1	Sample		
14	Vial 14	ESS 13027 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 Ctrl AC	SIMALC1	1	Ctrl Samp		
16	Vial 16	Negative AC	SIMALC1	1	Ctrl Samp		

13027

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	

 AC

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

Sequence Table (Back Injector):

No entries - empty table!

13027

130625AC

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

Calibration Table

Calib. Data Modified : Tuesday, June 25, 2013 1:41:15 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	7.93800e-2	939.59326	8.44834e-5	1		Ethanol
		2	1.59660e-1	1848.29810	8.63822e-5			
		3	3.19080e-1	3609.96216	8.83887e-5			
1.706	1	1	1.20000e-2	2667.50537	4.49859e-6	I1		n-Propanol
		2	1.20000e-2	2573.66211	4.66262e-6			
		3	1.20000e-2	2598.37573	4.61827e-6			

Peak Sum Table

No Entries in table

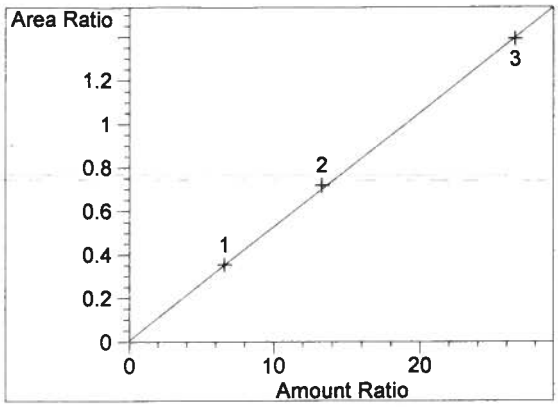
13027

130625AC
ac

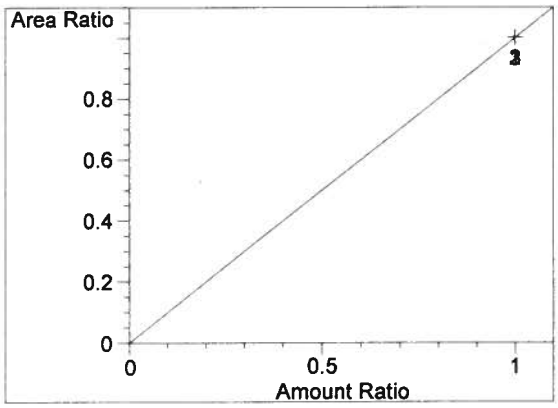
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.042
FID1 A,
Correlation: 0.99983
Residual Std. Dev.: 0.01328
Formula: y = mx + b
m: 5.22636e-2
b: 7.23297e-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

==========

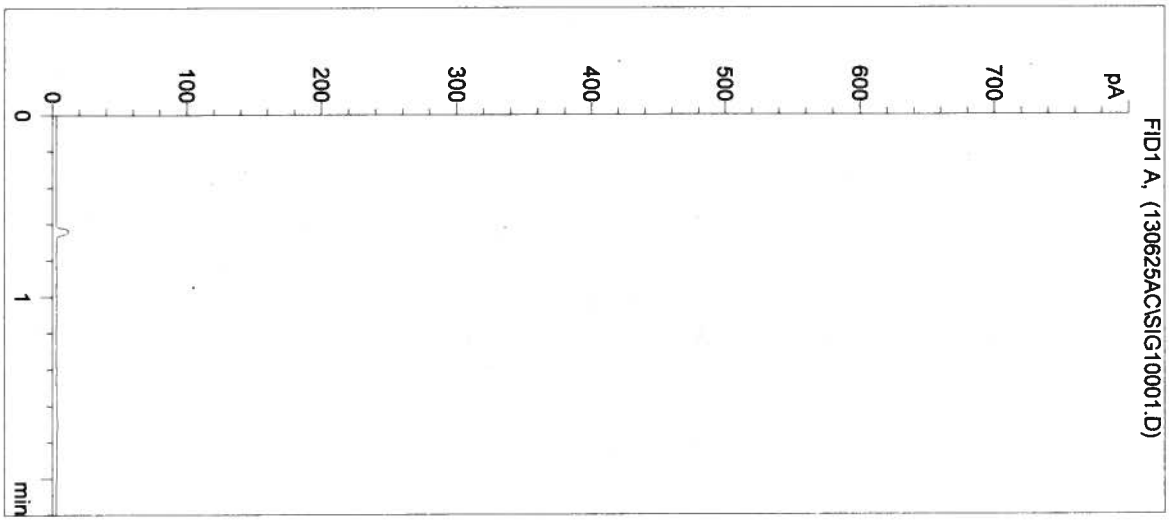
13027

130625AC
ac

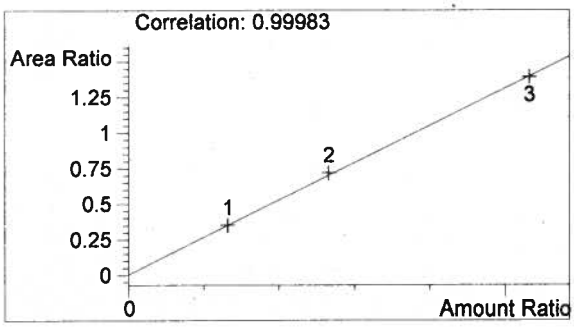
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/25/2013 1:29:48 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

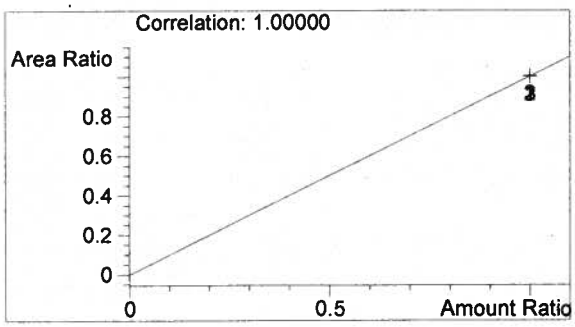
Sample Name: BLANK
Operator: Amanda Chandler
Location: Vial 1



#	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

13027

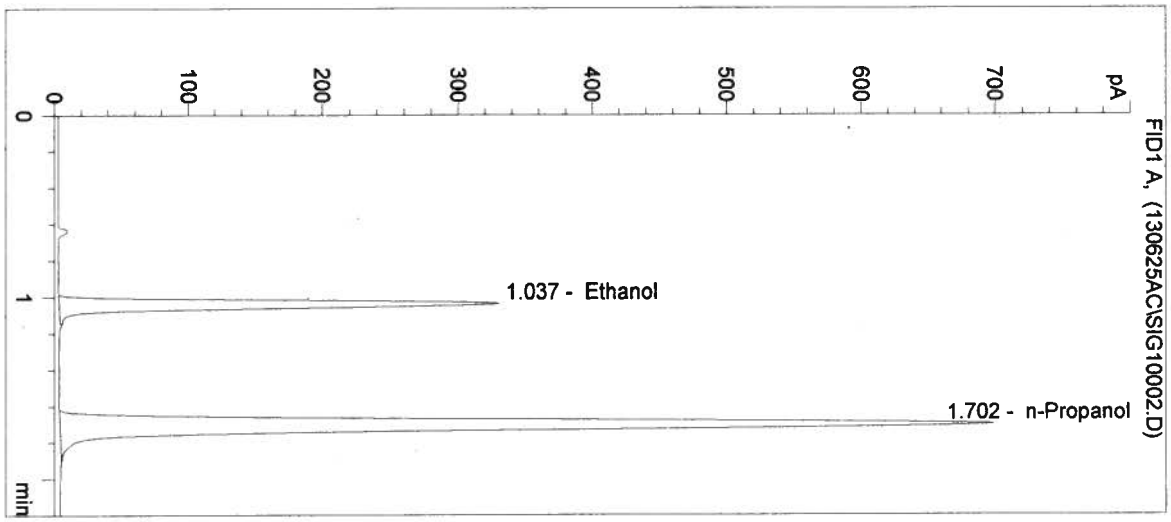
Data File: C:\HPCHEM\1\DATA\130625AC\SIG10001.D

AC

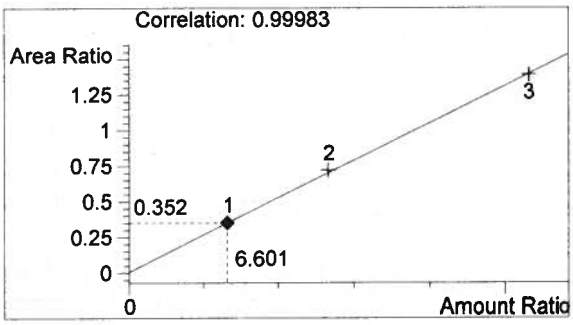
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/25/2013 1:32:53 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

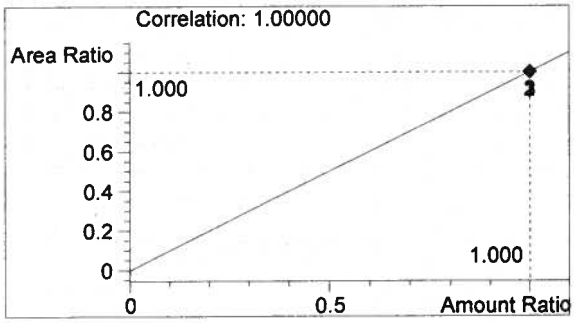
Sample Name: 0.079 CAL 1
Operator: Amanda Chandler
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	940	1.037
2	n-Propanol	2668	1.702



Ethanol 0.079 g/100mL



n-Propanol 0.012 g/100mL

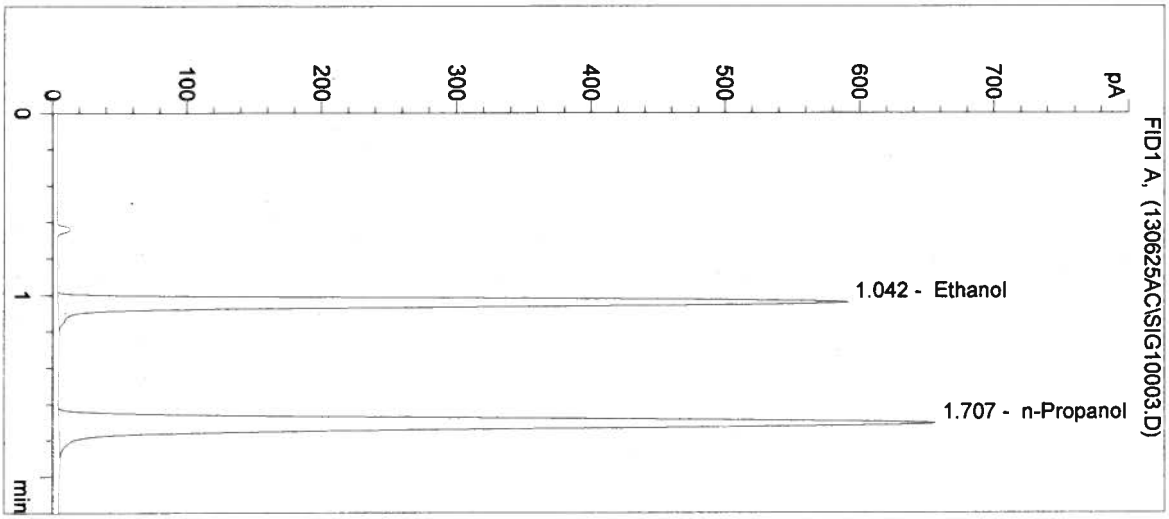
13027

NC

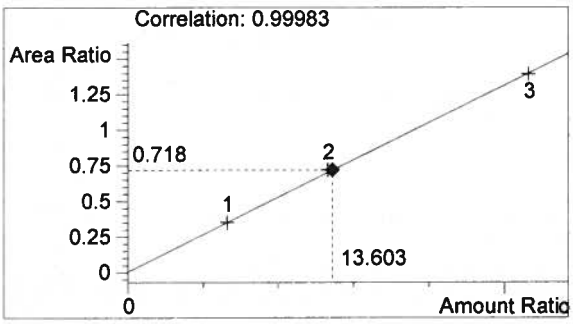
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/25/2013 1:35:58 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

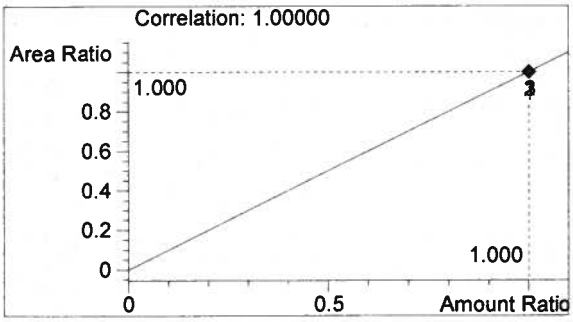
Sample Name: 0.158 CAL 2
Operator: Amanda Chandler
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1848	1.042
2	n-Propanol	2574	1.707



Ethanol 0.163 g/100mL



n-Propanol 0.012 g/100mL

≡ 13027

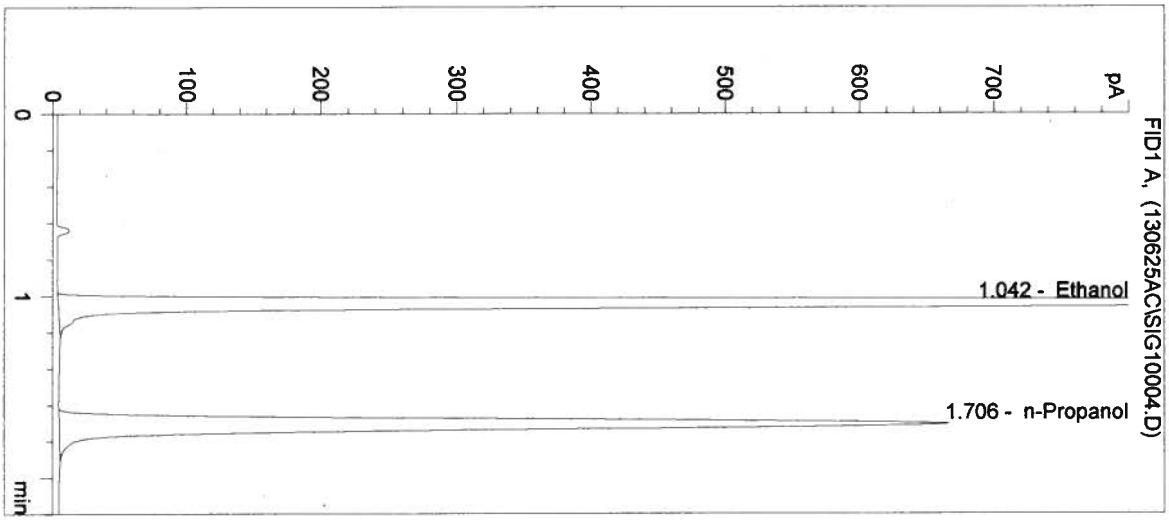
Data File: C:\HPCHEM\1\DATA\130625AC\SIG10003.D

AC

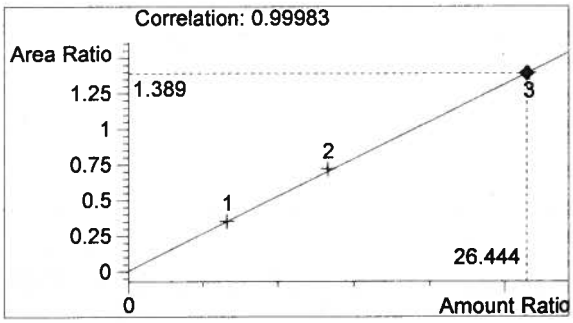
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/25/2013 1:39:02 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

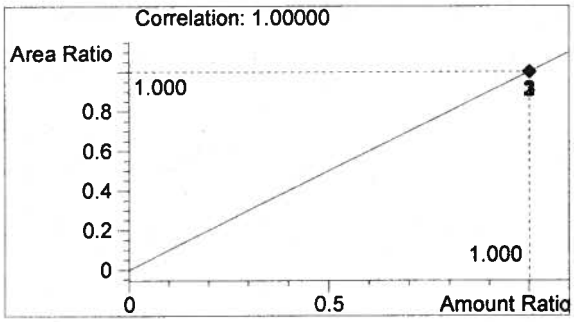
Sample Name: 0.316 CAL 3
Operator: Amanda Chandler
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3610	1.042
2	n-Propanol	2598	1.706



Ethanol 0.317 g/100mL



n-Propanol 0.012 g/100mL

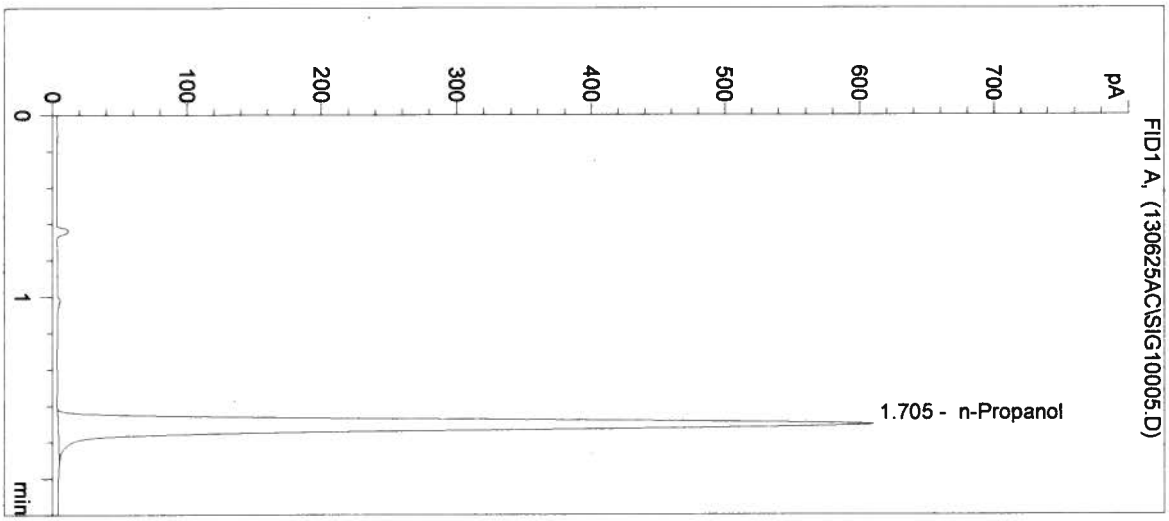
13027

AC

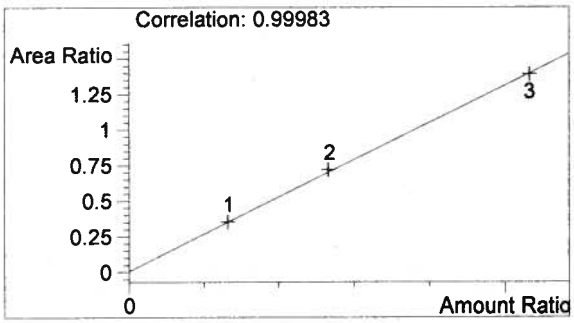
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/25/2013 1:42:07 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

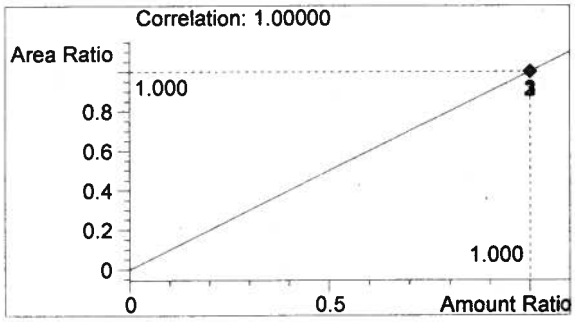
Sample Name: Negative AC
Operator: Amanda Chandler
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2383	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13027

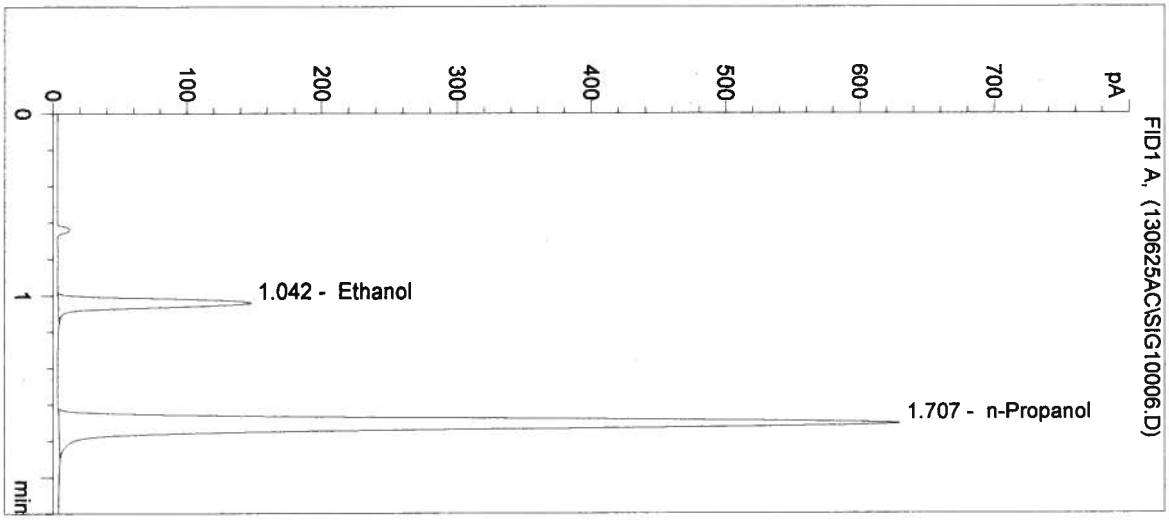
Data File: C:\HPCHEM\1\DATA\130625AC\SIG10005.D

AC

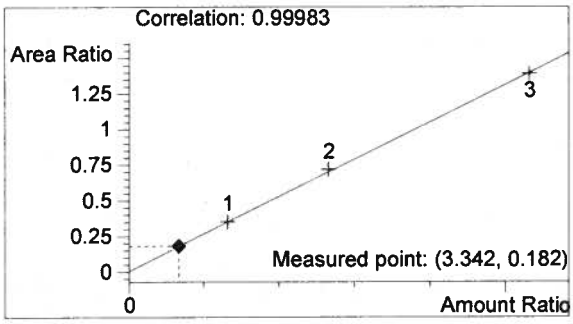
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/25/2013 1:45:12 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

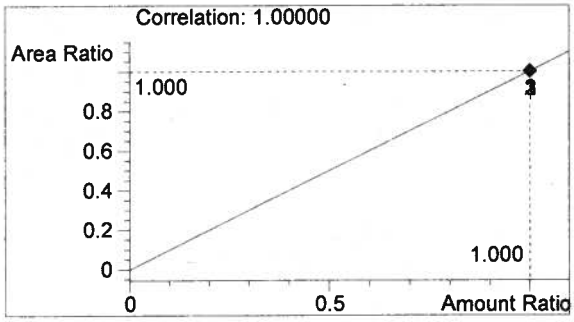
Sample Name: 0.04 Ctrl AC
Operator: Amanda Chandler
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	449	1.042
2	n-Propanol	2468	1.707



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

13027

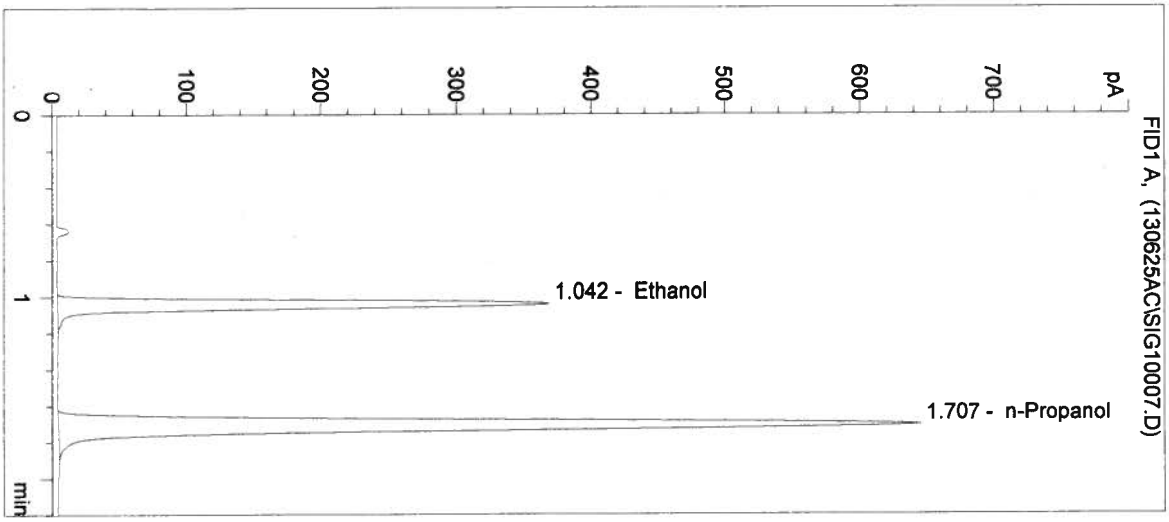
Data File: C:\HPCHEM\1\DATA\130625AC\SIG10006.D

AC

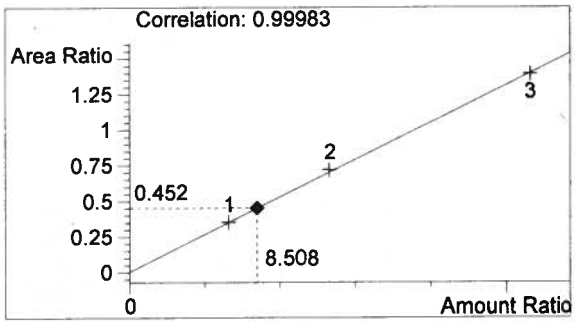
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/25/2013 1:48:16 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

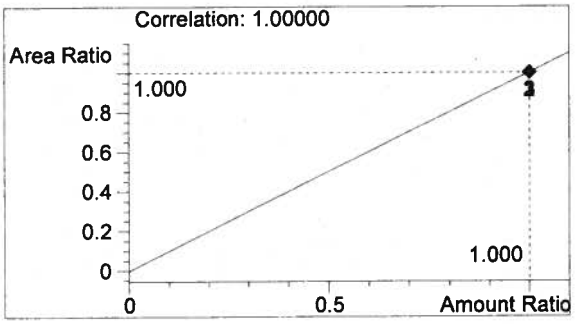
Sample Name: 0.10 Ctrl AC
Operator: Amanda Chandler
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1141	1.042
2	n-Propanol	2524	1.707



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

13027

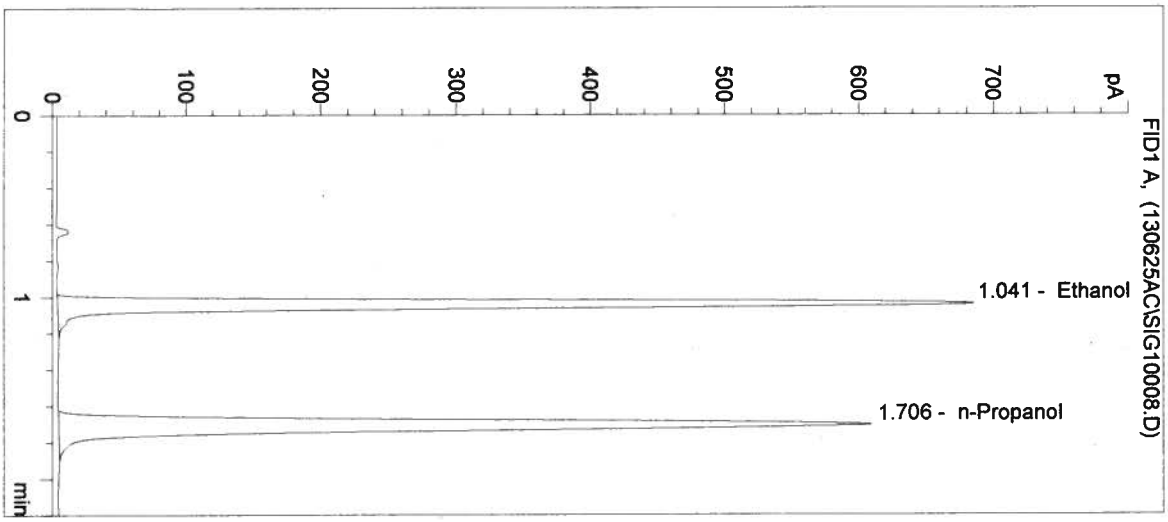
Data File: C:\HPCHEM\1\DATA\130625AC\SIG10007.D

AC

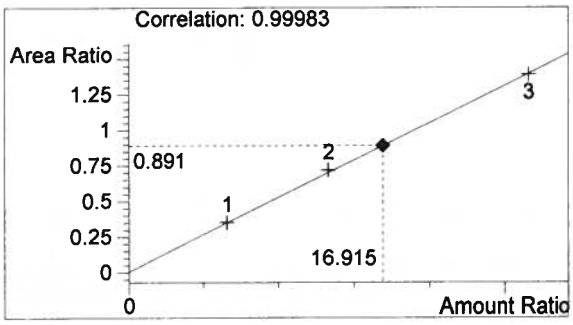
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/25/2013 1:51:21 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

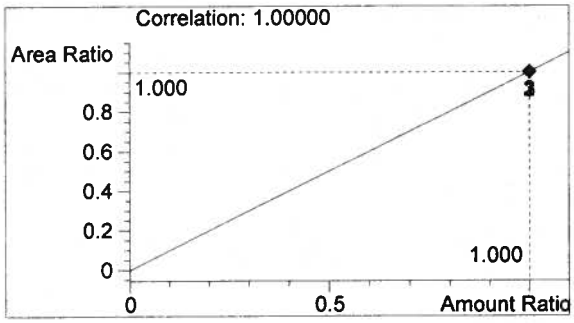
Sample Name: 0.20 Ctrl AC
Operator: Amanda Chandler
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2118	1.041
2	n-Propanol	2376	1.706



Ethanol 0.203 g/100mL



n-Propanol 0.012 g/100mL

13027

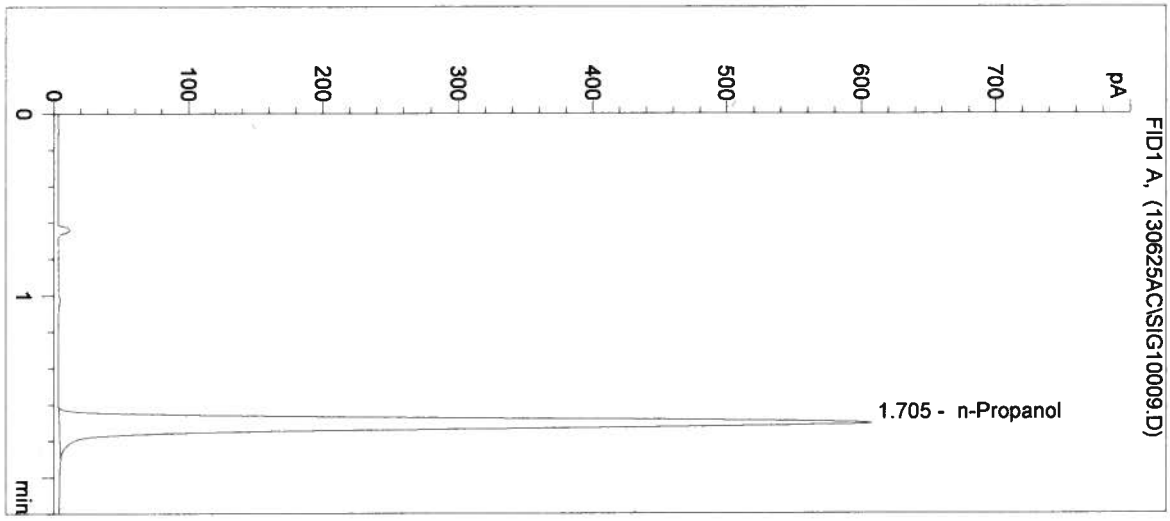
Data File: C:\HPCHEM\1\DATA\130625AC\SIG10008.D

AC

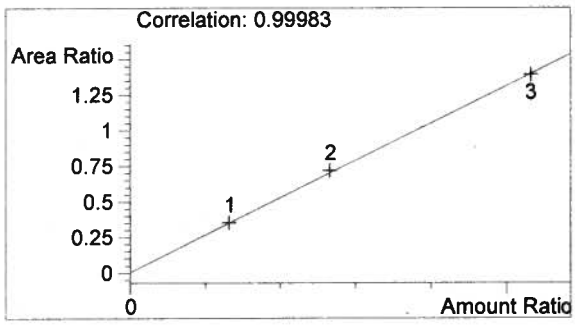
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/25/2013 1:54:26 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

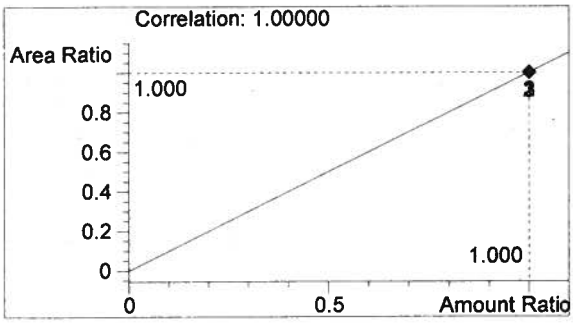
Sample Name: Negative AC
Operator: Amanda Chandler
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2376	1.705



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13027

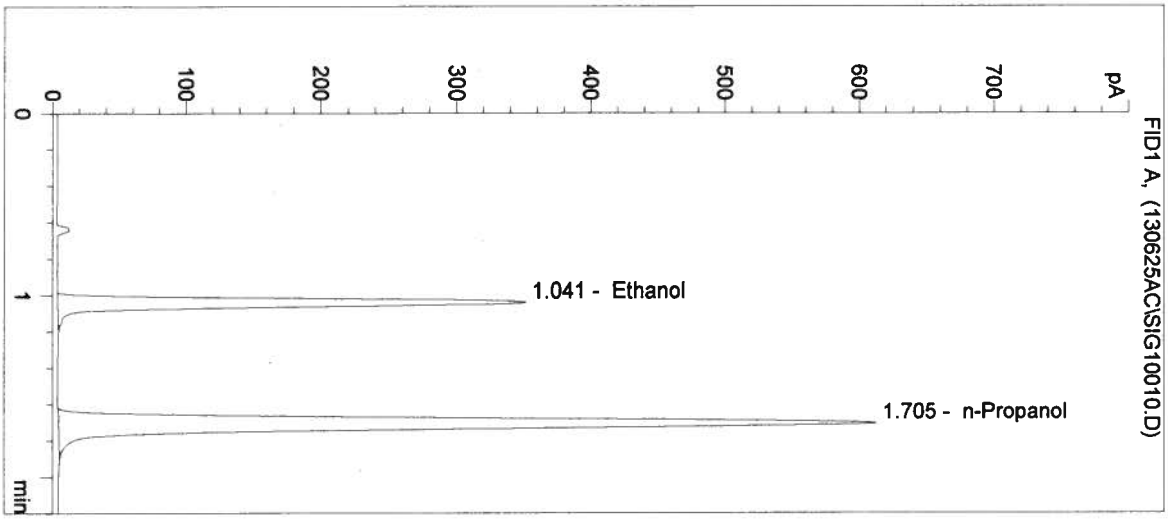
Data File: C:\HPCHEM\1\DATA\130625AC\SIG10009.D

AC

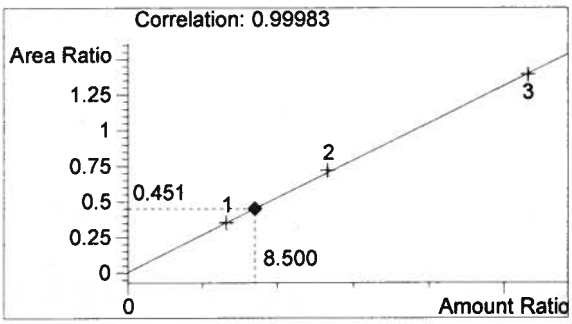
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/25/2013 1:57:31 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

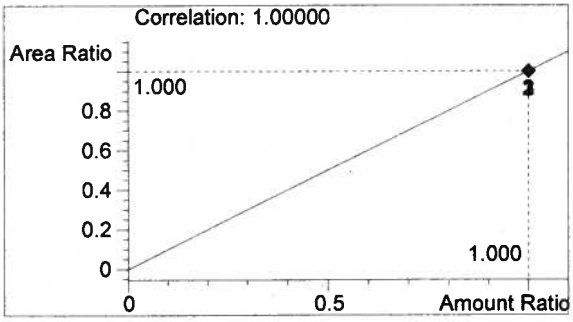
Sample Name: ESS 13027 #1
Operator: Amanda Chandler
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1081	1.041
2	n-Propanol	2395	1.705



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

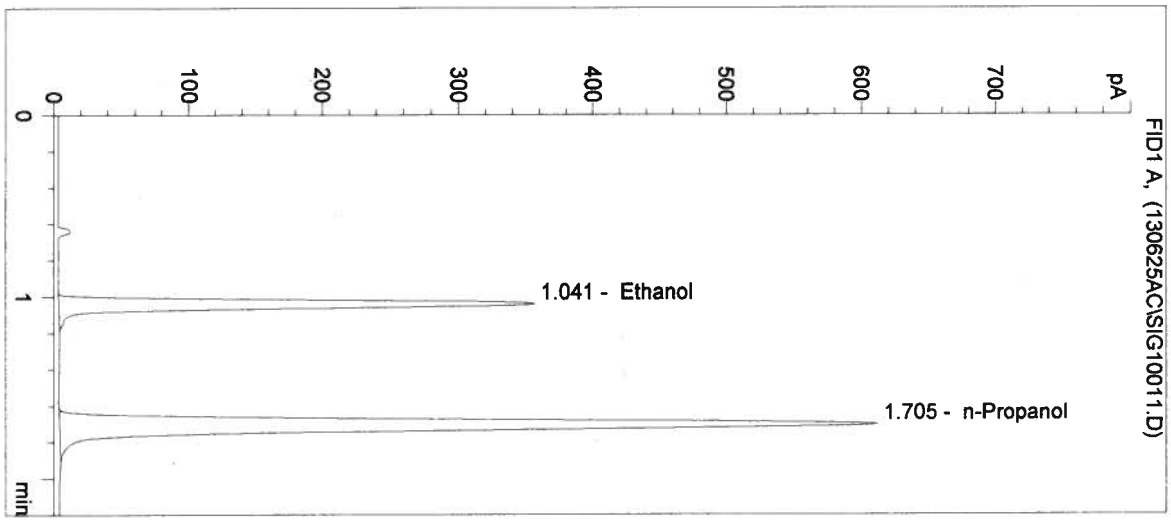
Data File: C:\HPCHEM\1\DATA\130625AC\SIG10010.D

AC

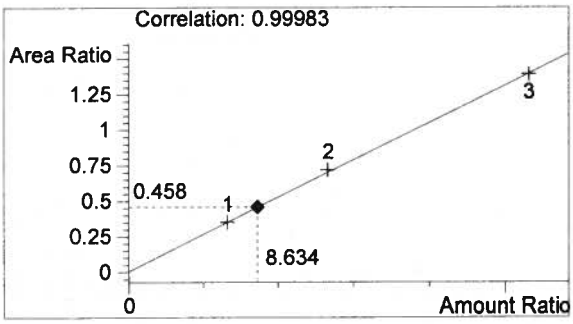
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/25/2013 2:00:36 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

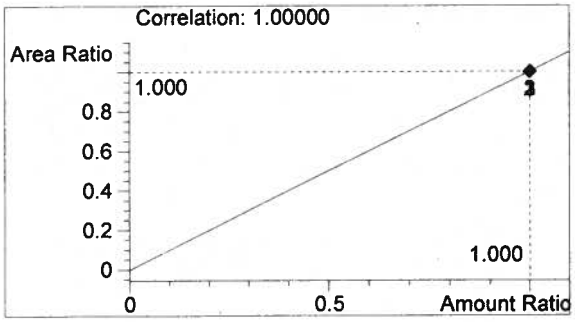
Sample Name: ESS 13027 #2
Operator: Amanda Chandler
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1098	1.041
2	n-Propanol	2395	1.705



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

AC

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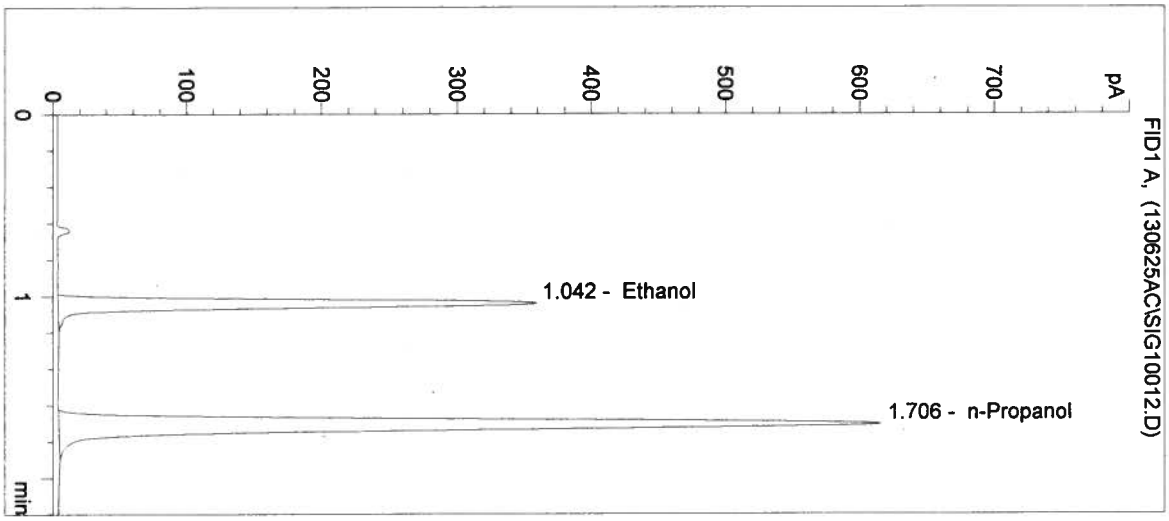
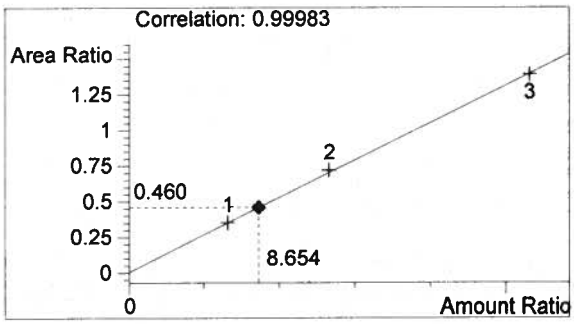
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/25/2013 2:03:40 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

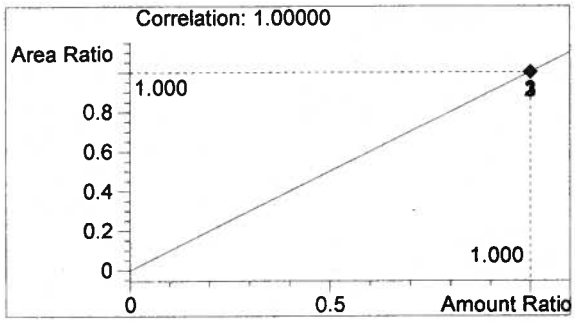
Sample Name: ESS 13027 #3
Operator: Amanda Chandler
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1106	1.042
2	n-Propanol	2406	1.706



Ethanol 0.104 g/100mL



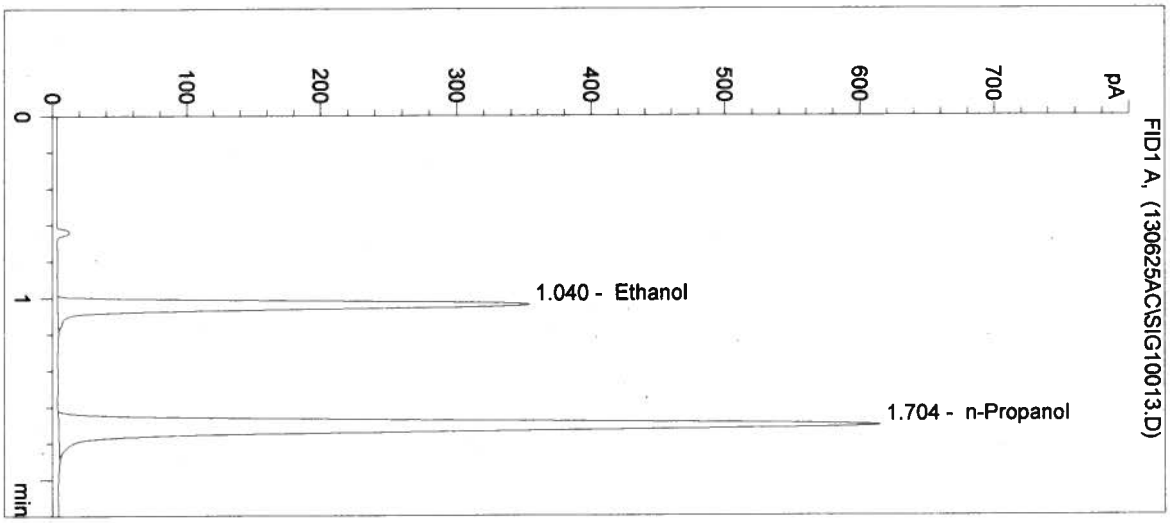
n-Propanol 0.012 g/100mL

AC

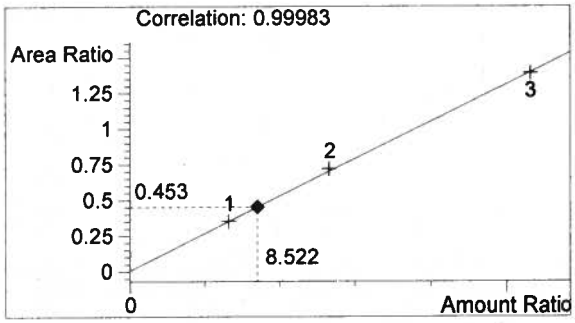
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/25/2013 2:06:45 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

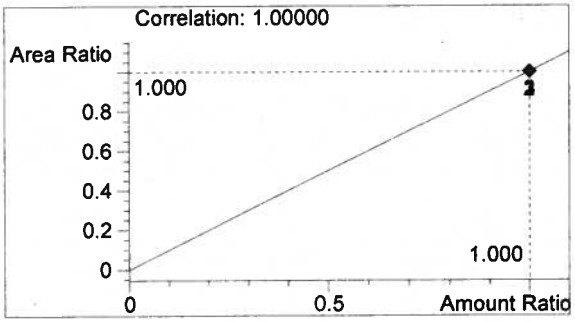
Sample Name: ESS 13027 #4
Operator: Amanda Chandler
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1086	1.040
2	n-Propanol	2400	1.704



Ethanol 0.102 g/100mL

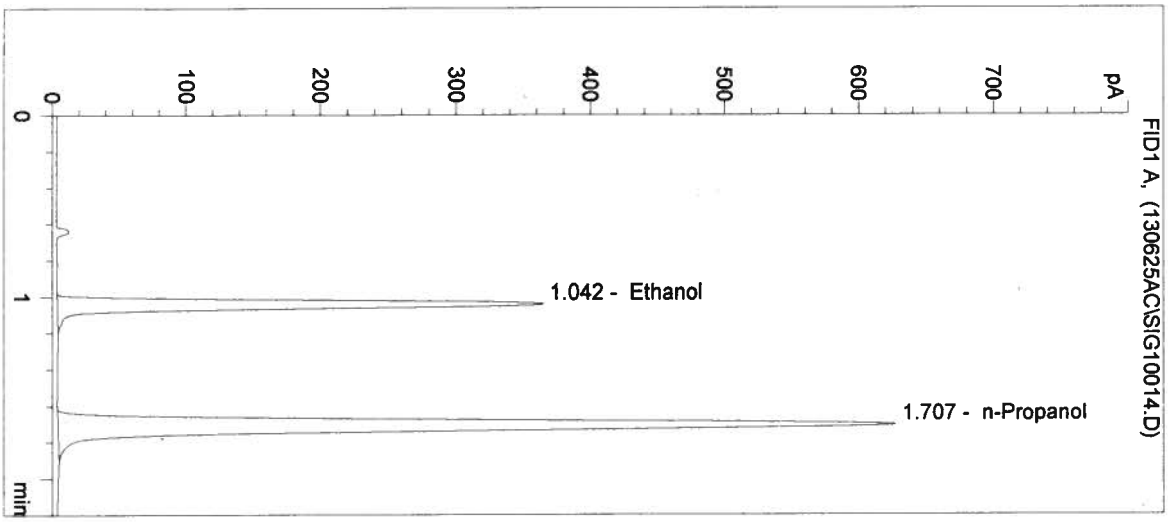


n-Propanol 0.012 g/100mL

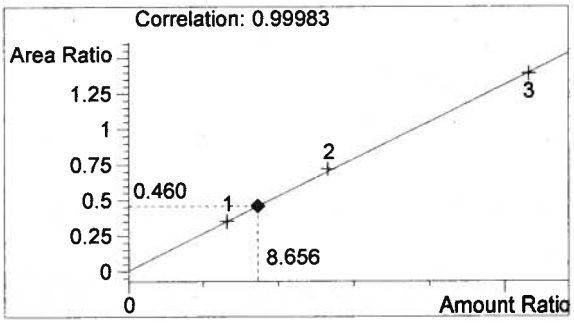
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/25/2013 2:09:50 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

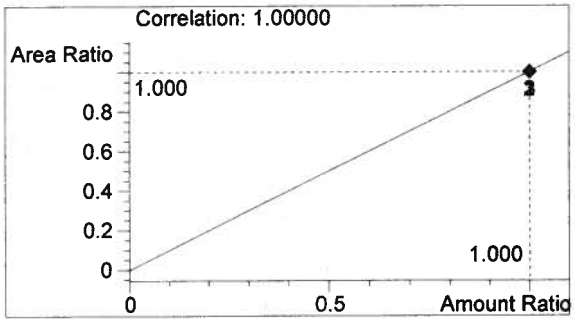
Sample Name: ESS 13027 #5
Operator: Amanda Chandler
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1126	1.042
2	n-Propanol	2449	1.707



Ethanol 0.104 g/100mL



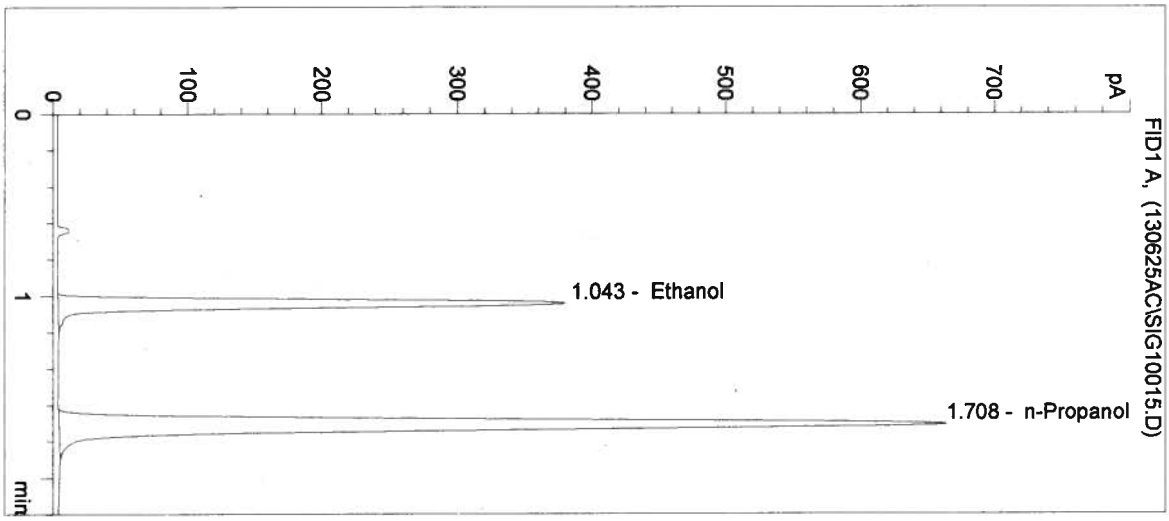
n-Propanol 0.012 g/100mL

AC

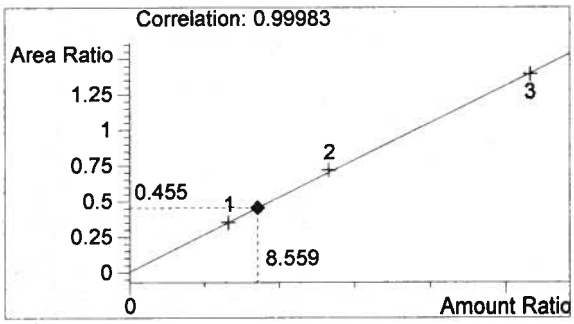
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/25/2013 2:12:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

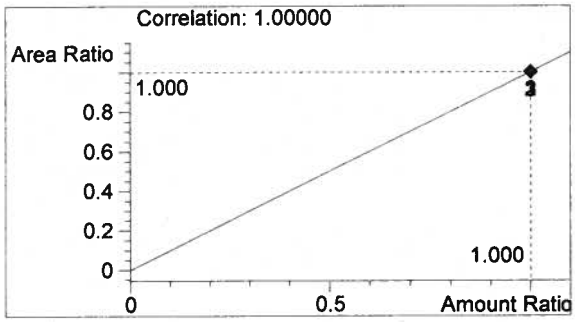
Sample Name: 0.10 Ctrl AC
Operator: Amanda Chandler
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1184	1.043
2	n-Propanol	2604	1.708



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

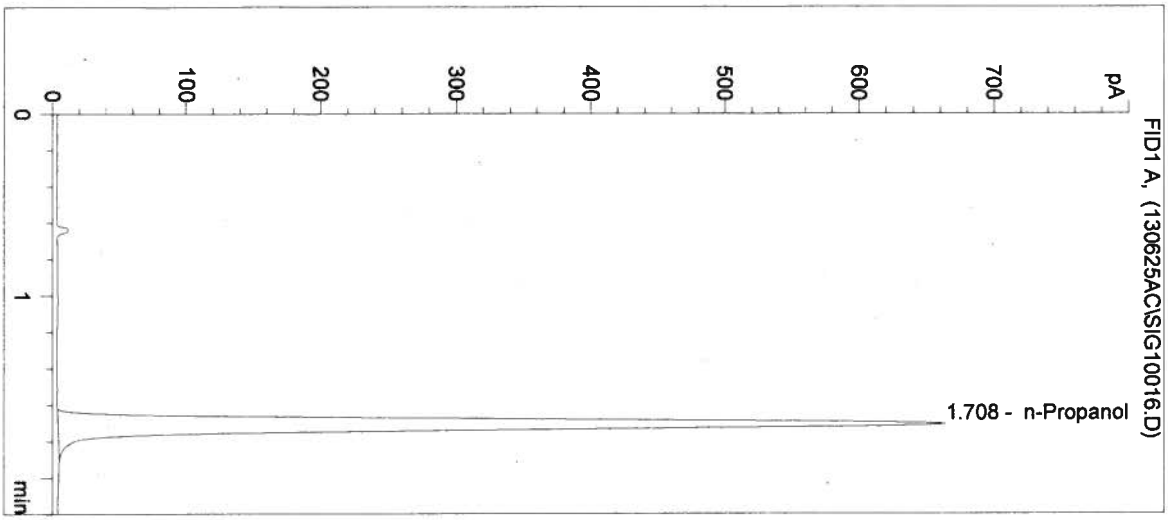
13027

JC

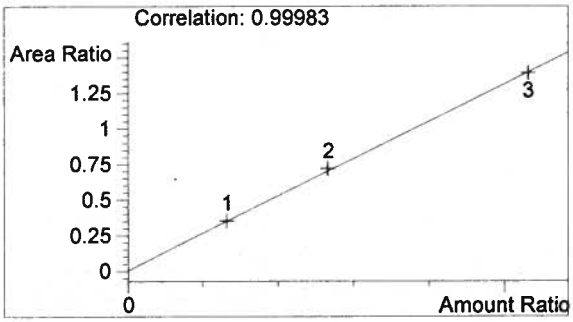
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/25/2013 2:15:59 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

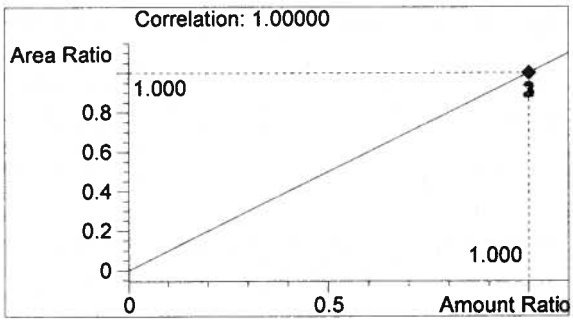
Sample Name: Negative AC
Operator: Amanda Chandler
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2603	1.708



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13027

AC

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

Sequence Parameters:

Operator:	Katie Knorr
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:	130625KK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
CAL 1 0.079 g/100 mL - Lot#E0213-01 -exp 8/20/13
CAL 2 0.158 g/100 mL - Lot#E0213-02 -exp 8/20/13
CAL 3 0.316 g/100 mL - Lot#E0213-03 -exp 8/20/13
0.04 g/100mL control 1 - Lot#A088613 - exp 09/2016
0.10 g/100mL control 2 - Lot#A090924 - exp 01/2017
0.20 g/100mL control 3 - Lot#A093219 - exp 05/2017
Internal Standard Lot#P0513 - exp 08/02/13

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	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	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	ESS 13027-01	SIMALC1	1	Sample		
11	Vial 11	ESS 13027-02	SIMALC1	1	Sample		
12	Vial 12	ESS 13027-03	SIMALC1	1	Sample		
13	Vial 13	ESS 13027-04	SIMALC1	1	Sample		
14	Vial 14	ESS 13027-05	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		

13027

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	

KK

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

Sequence Table (Back Injector):

No entries - empty table!

13027

KK

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

Calibration Table

Calib. Data Modified : Tuesday, June 25, 2013 2:54:08 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
1.042	1	1	7.93800e-2	882.91943	8.99063e-5		1	Ethanol
		2	1.59660e-1	1695.31470	9.41772e-5			
		3	3.19080e-1	3438.45508	9.27975e-5			
1.707	1	1	1.20000e-2	2453.49512	4.89098e-6	I1		n-Propanol
		2	1.20000e-2	2386.93921	5.02736e-6			
		3	1.20000e-2	2429.28491	4.93973e-6			

Peak Sum Table

No Entries in table

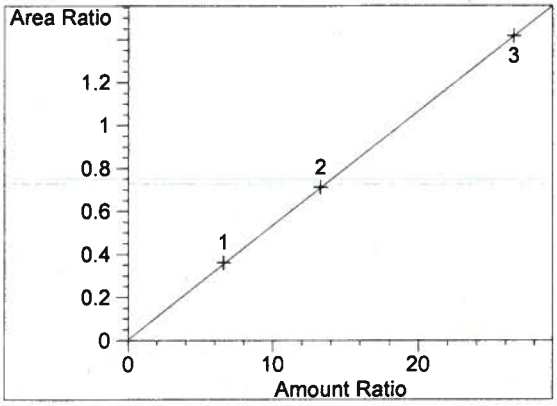
13027

130625KK
KK

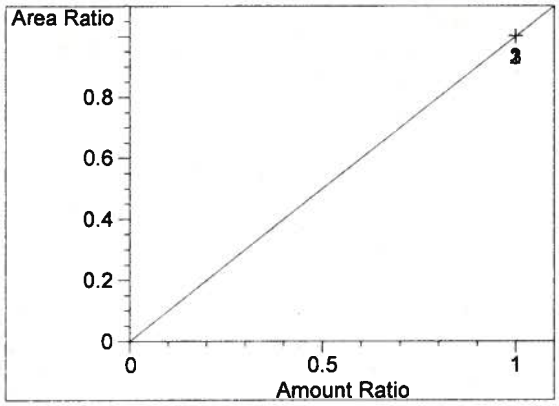
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.042
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00430
Formula: y = mx + b
m: 5.31397e-2
b: 3.49965e-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

==========

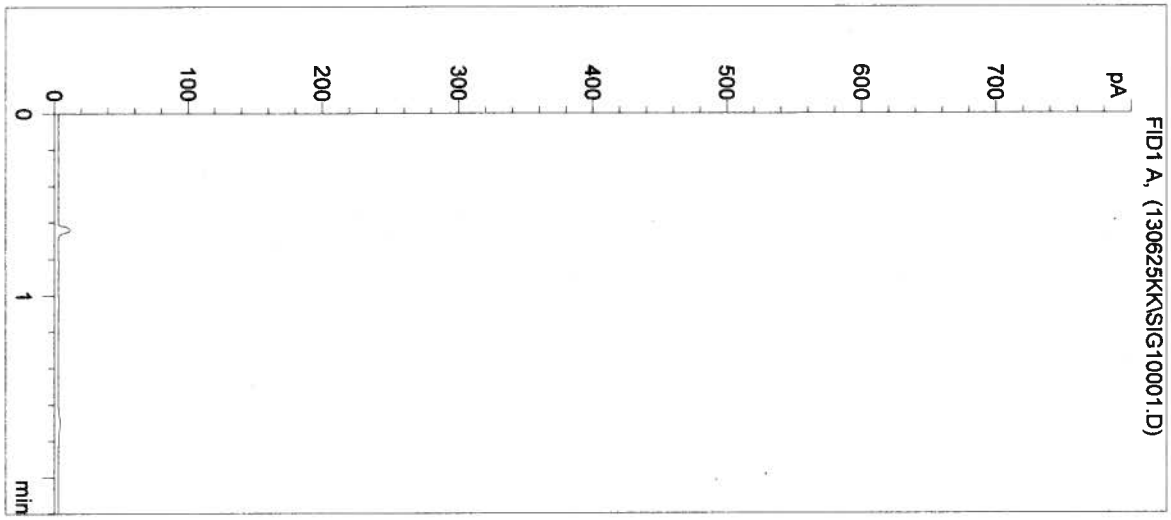
13027

130625KK
KK

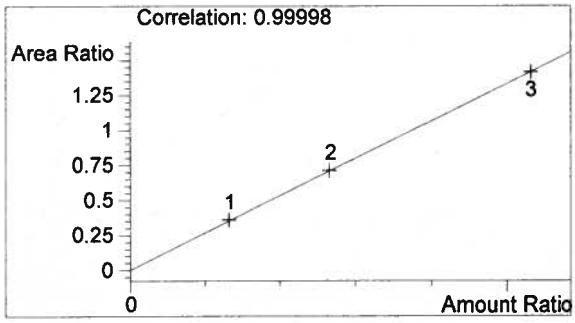
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/25/2013 2:42:41 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

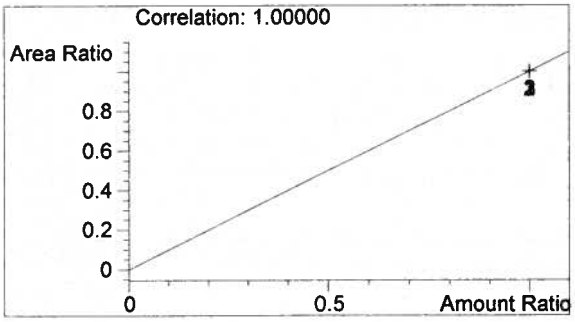
Sample Name: BLANK
Operator: Katie Knorr
Location: Vial 1



#	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

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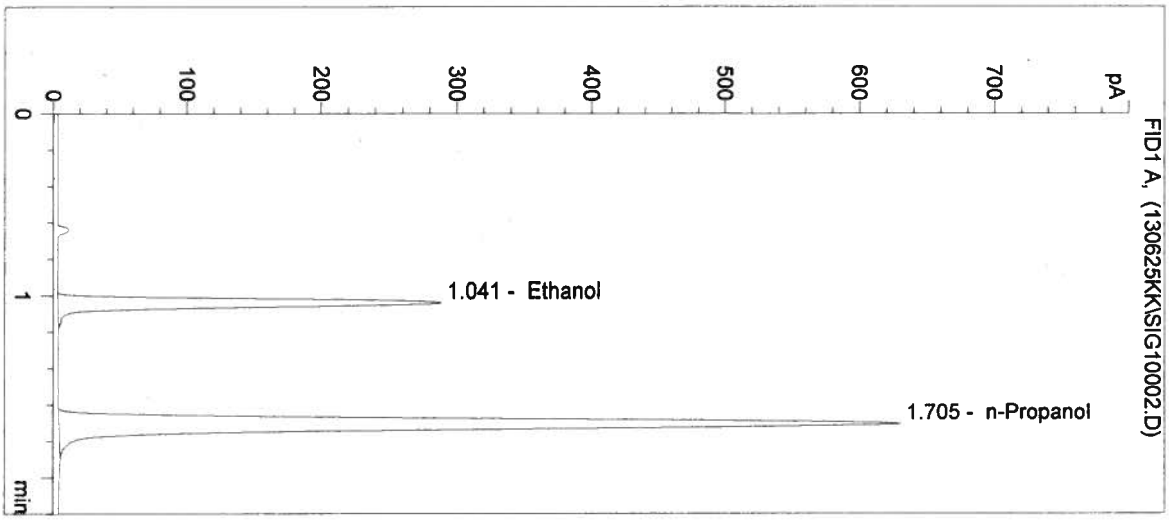
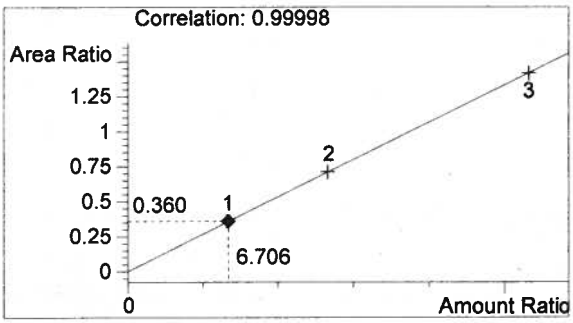
Inj. Date: 6/25/2013 2:45:46 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

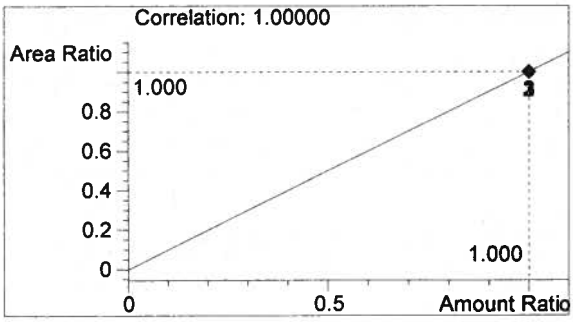
Sample Name: CAL 1 (0.079)
Operator: Katie Knorr
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	883	1.041
2	n-Propanol	2453	1.705



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

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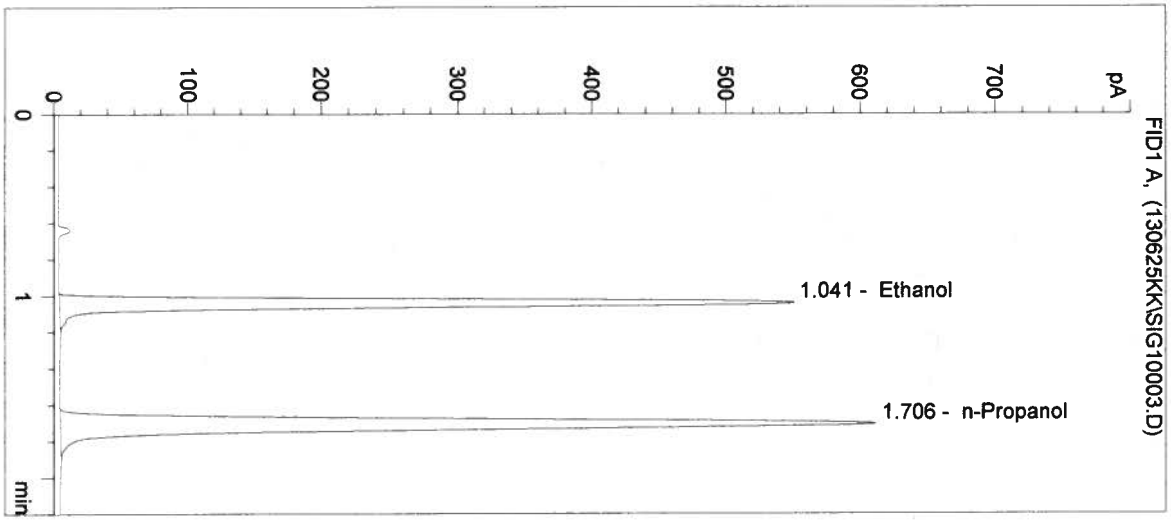
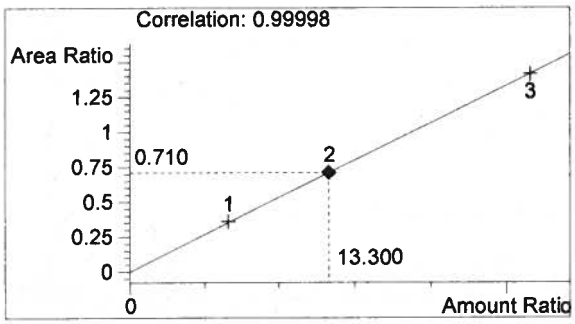
Inj. Date: 6/25/2013 2:48:51 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

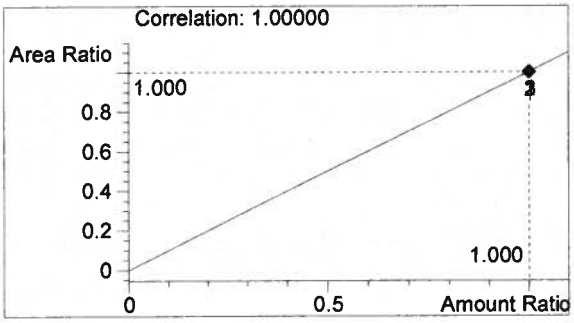
Sample Name: CAL 2 (0.158)
Operator: Katie Knorr
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1695	1.041
2	n-Propanol	2387	1.706



Ethanol 0.160 g/100mL



n-Propanol 0.012 g/100mL

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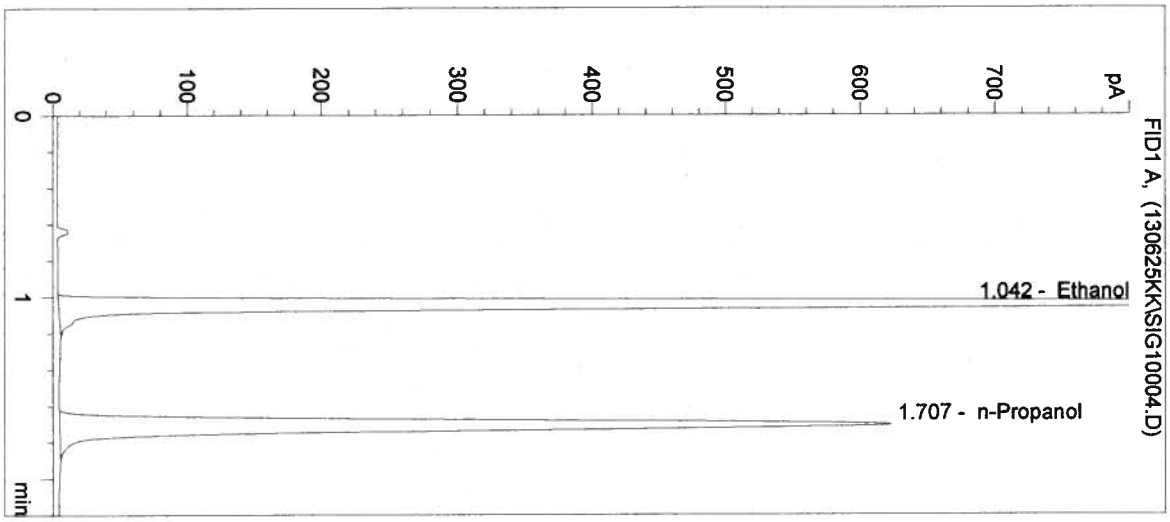
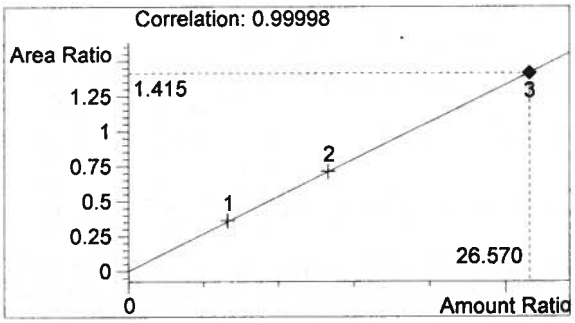
Inj. Date: 6/25/2013 2:51:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

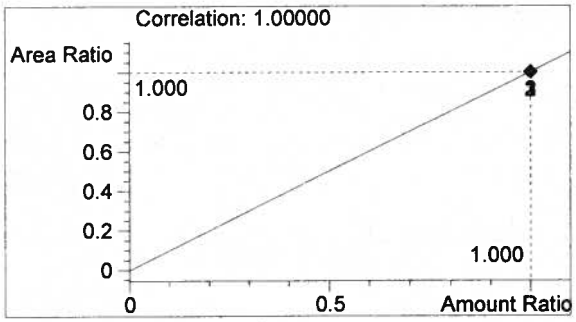
Sample Name: CAL 3 (0.316)
Operator: Katie Knorr
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3438	1.042
2	n-Propanol	2429	1.707



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

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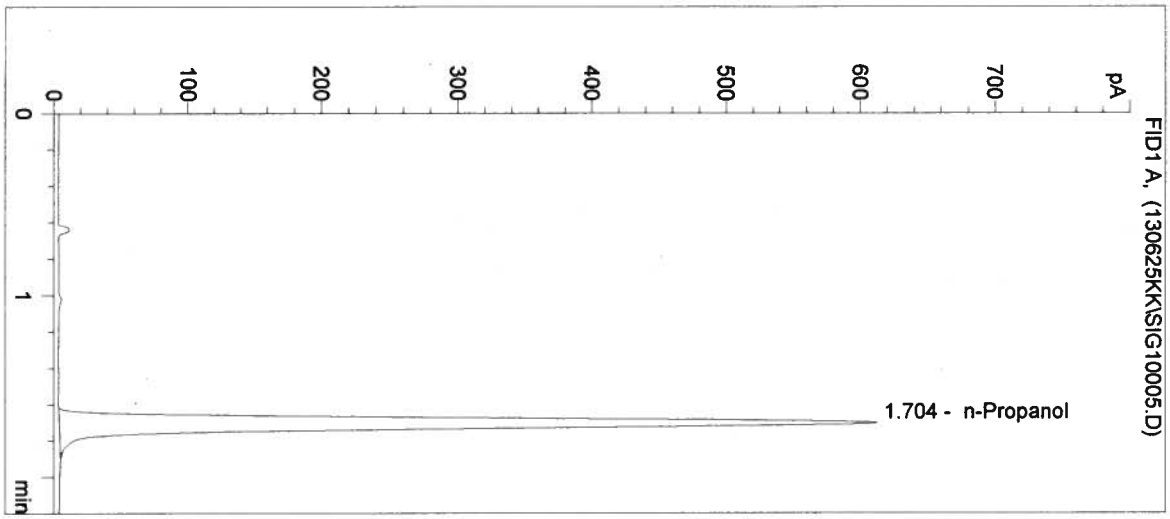
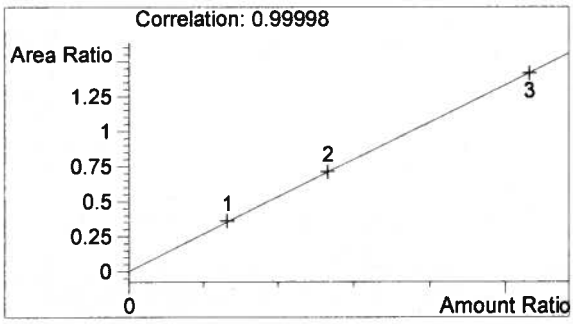
Inj. Date: 6/25/2013 2:55:00 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

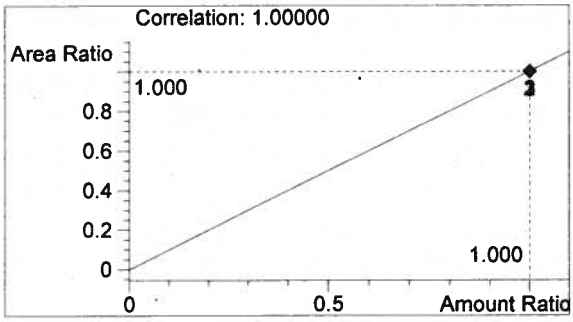
Sample Name: NEG CTRL
Operator: Katie Knorr
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2392	1.704



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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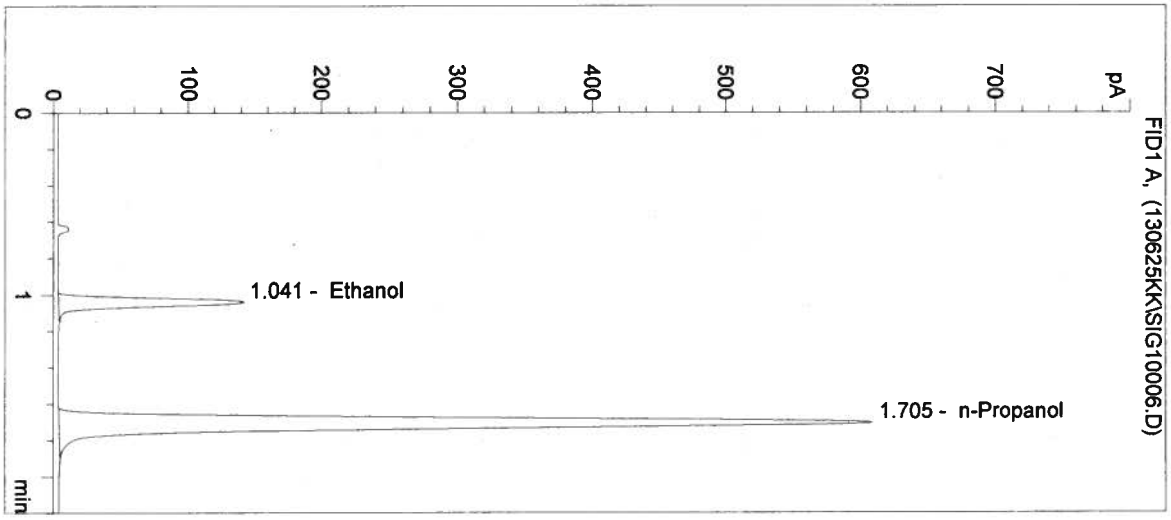
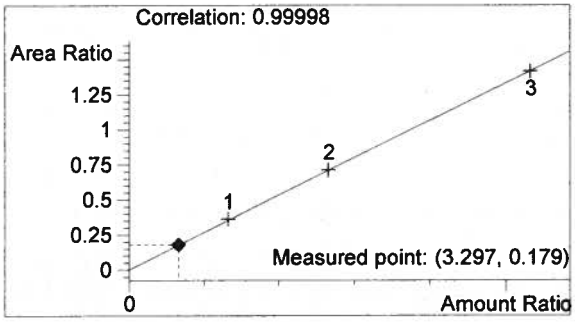
Inj. Date: 6/25/2013 2:58:05 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

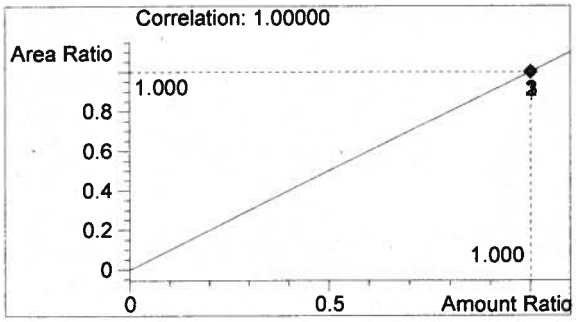
Sample Name: 0.04 CTRL
Operator: Katie Knorr
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	424	1.041
2	n-Propanol	2375	1.705



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

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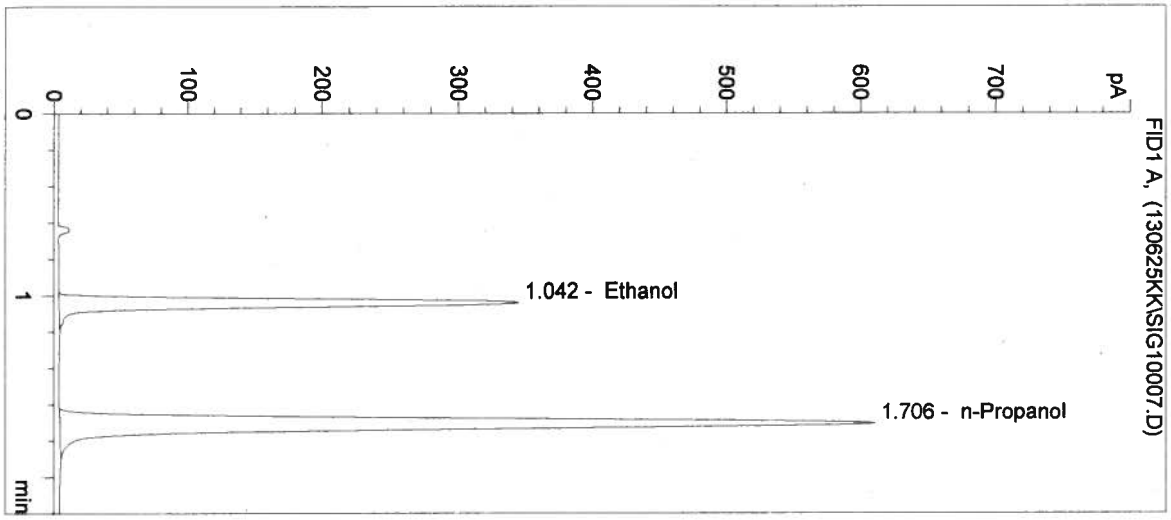
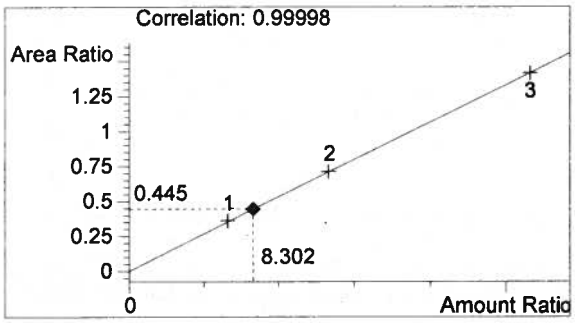
Inj. Date: 6/25/2013 3:01:10 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

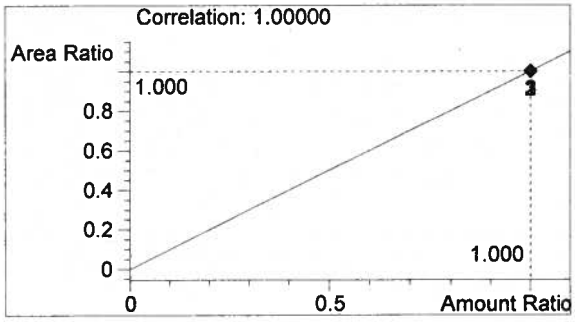
Sample Name: 0.10 CTRL
Operator: Katie Knorr
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1061	1.042
2	n-Propanol	2386	1.706



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

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Data File: C:\HPCHEM\1\DATA\130625KK\SIG10007.D

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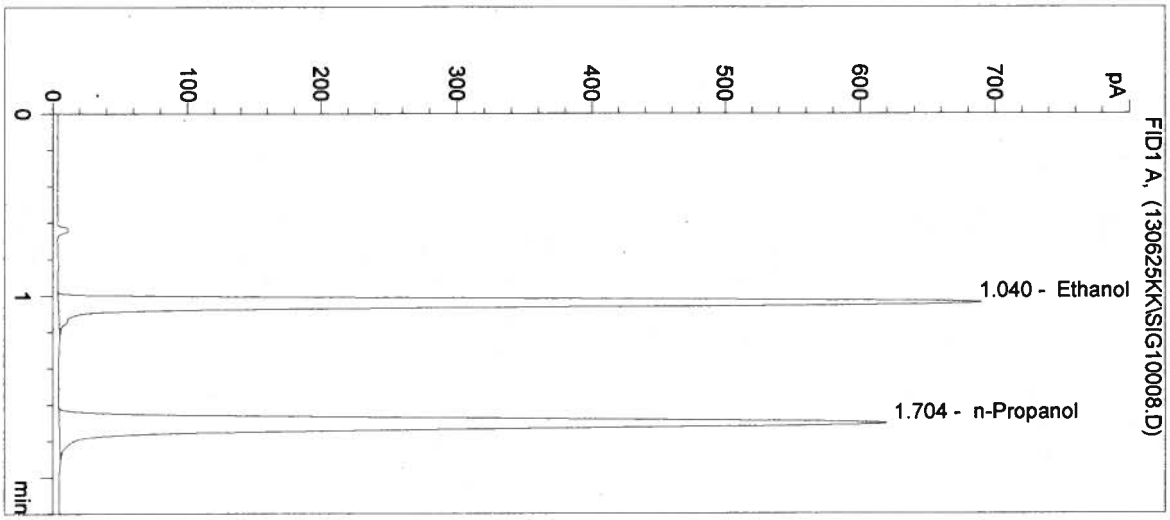
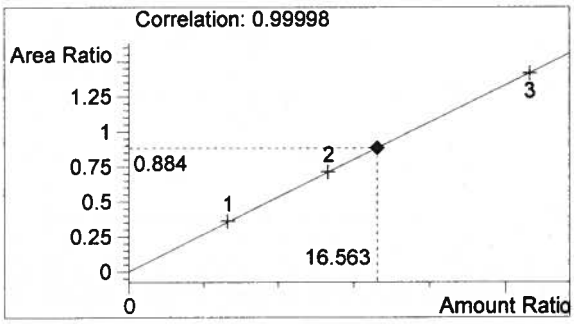
Inj. Date: 6/25/2013 3:04:14 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

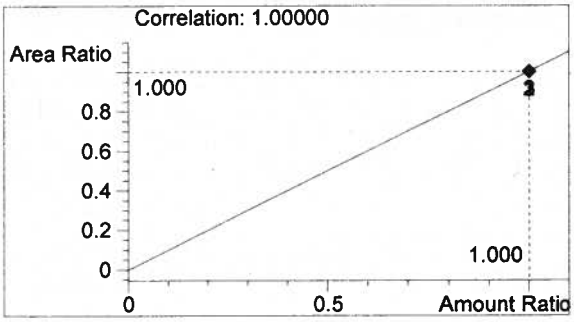
Sample Name: 0.20 CTRL
Operator: Katie Knorr
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2146	1.040
2	n-Propanol	2428	1.704



Ethanol 0.199 g/100mL



n-Propanol 0.012 g/100mL

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Data File: C:\HPCHEM\1\DATA\130625KK\SIG10008.D

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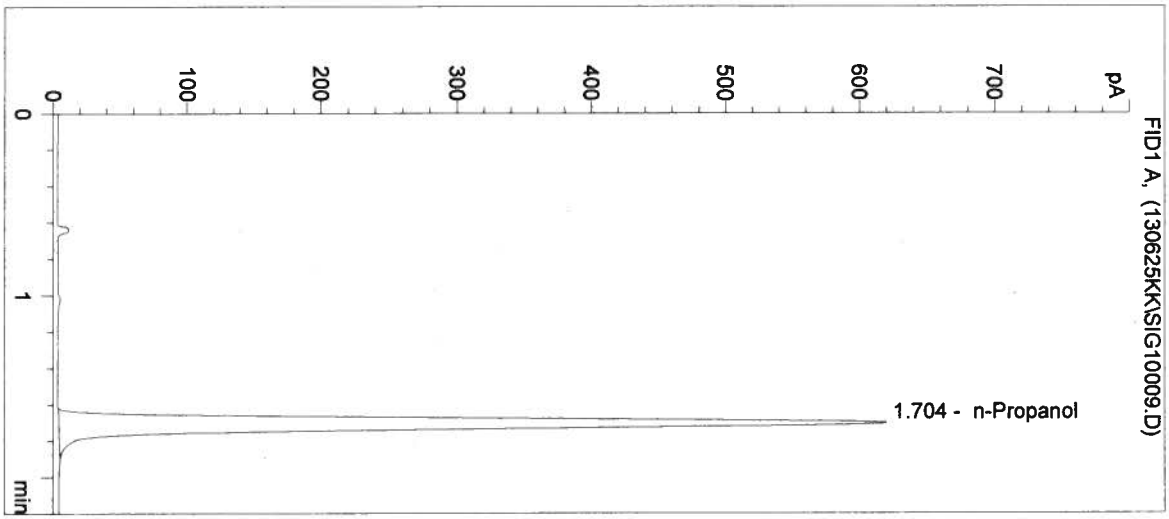
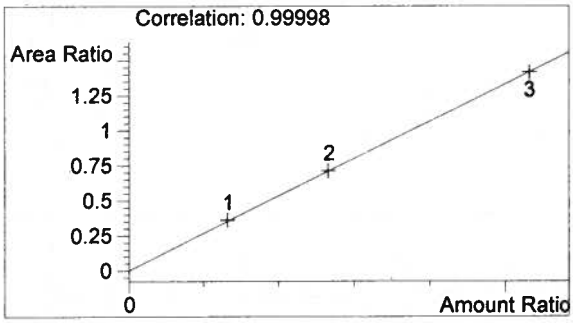
Inj. Date: 6/25/2013 3:07:19 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

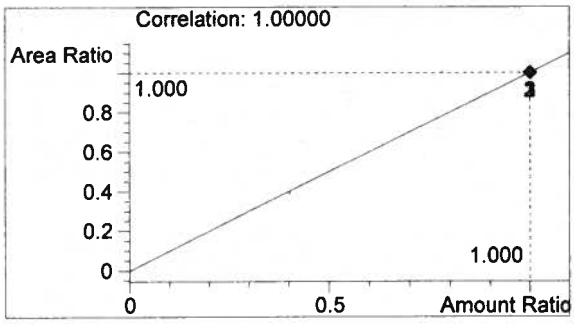
Sample Name: NEG CTRL
Operator: Katie Knorr
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2438	1.704



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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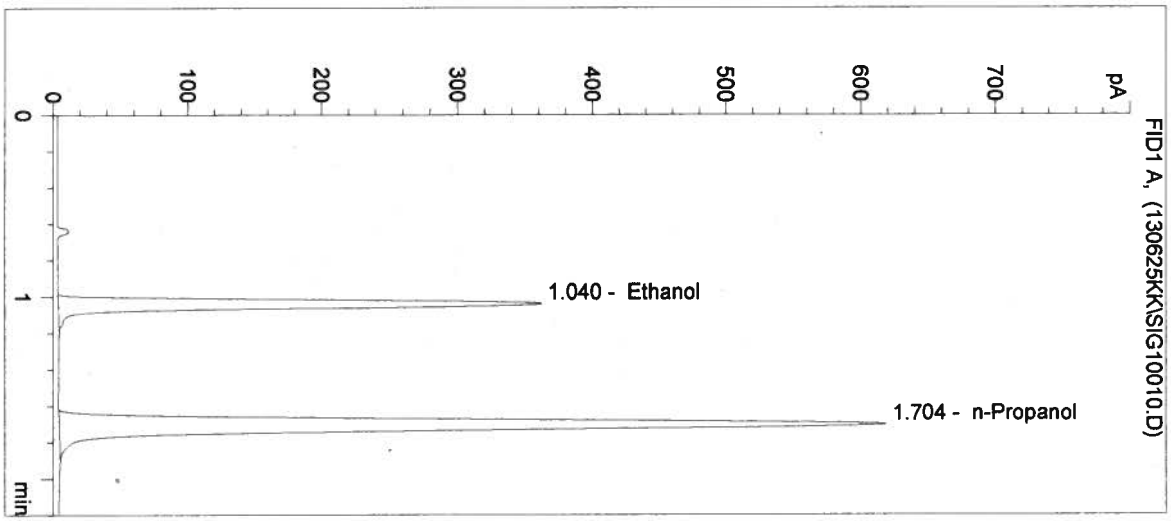
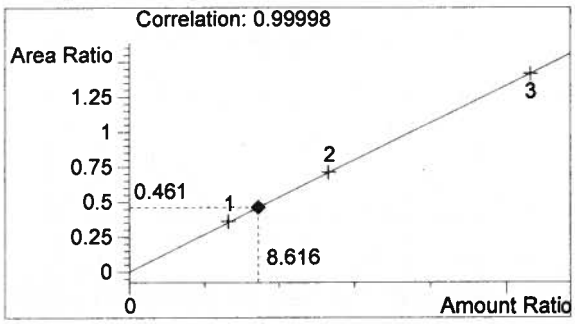
Inj. Date: 6/25/2013 3:10:24 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

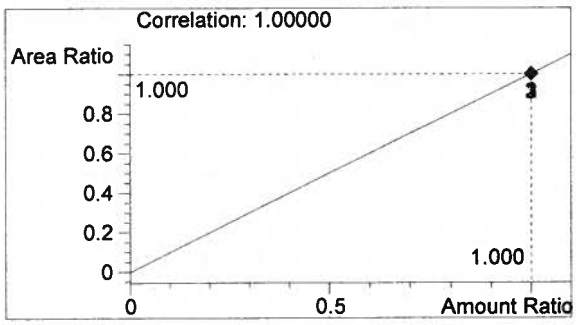
Sample Name: ESS 13027-01
Operator: Katie Knorr
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1118	1.040
2	n-Propanol	2423	1.704



Ethanol 0.103 g/100mL



n-Propanol 0.012 g/100mL

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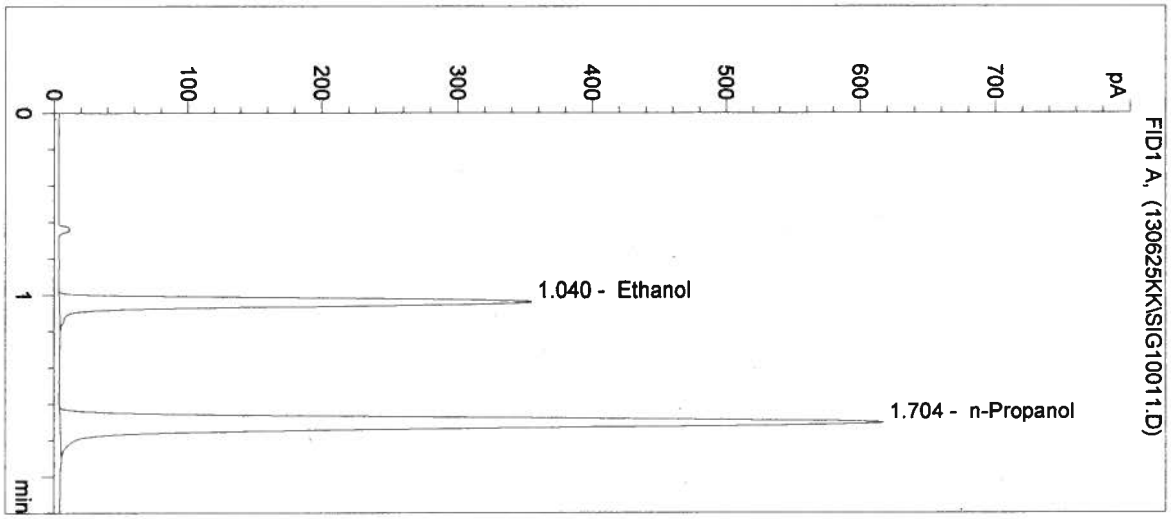
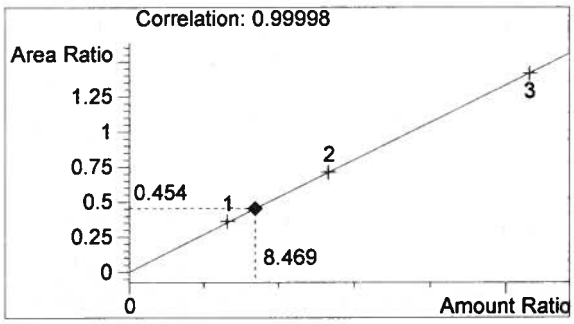
Inj. Date: 6/25/2013 3:13:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

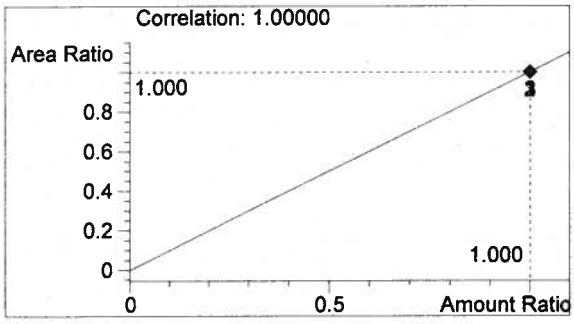
Sample Name: ESS 13027-02
Operator: Katie Knorr
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1098	1.040
2	n-Propanol	2422	1.704



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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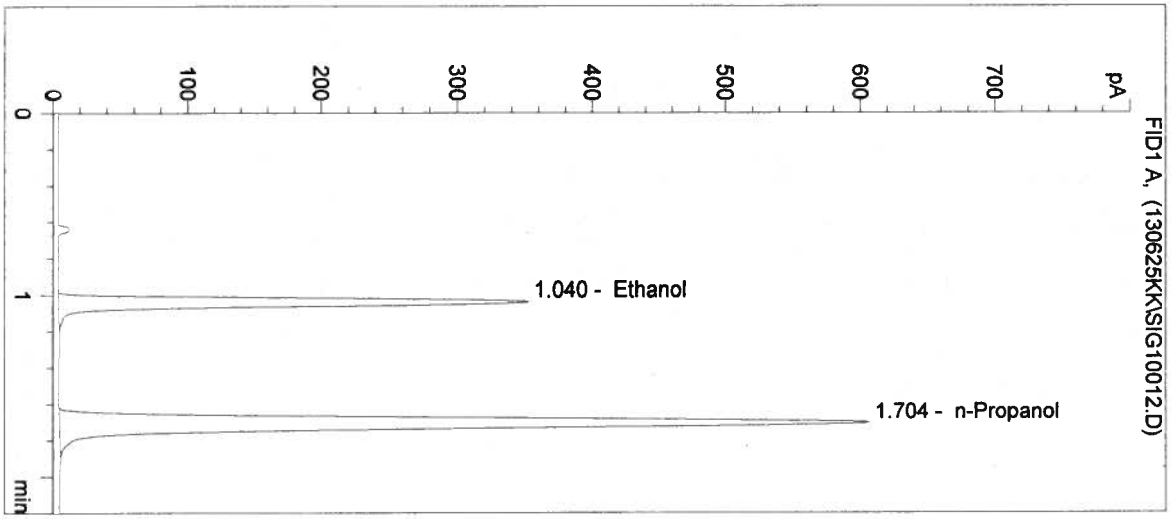
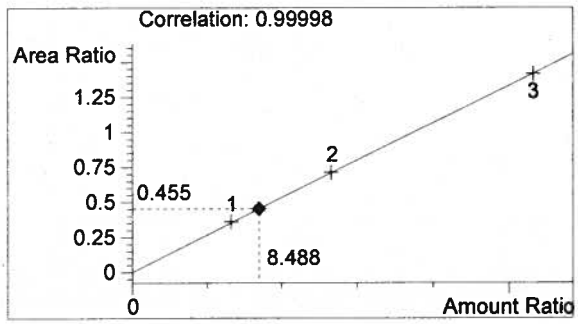
Inj. Date: 6/25/2013 3:16:33 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

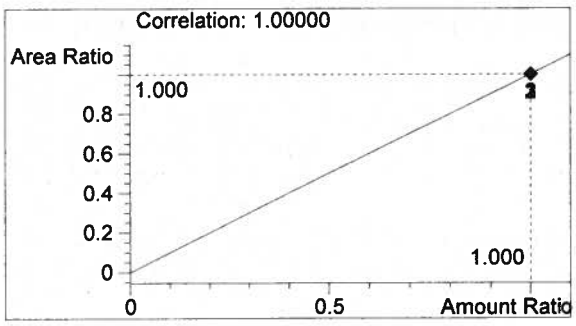
Sample Name: ESS 13027-03
Operator: Katie Knorr
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1077	1.040
2	n-Propanol	2370	1.704



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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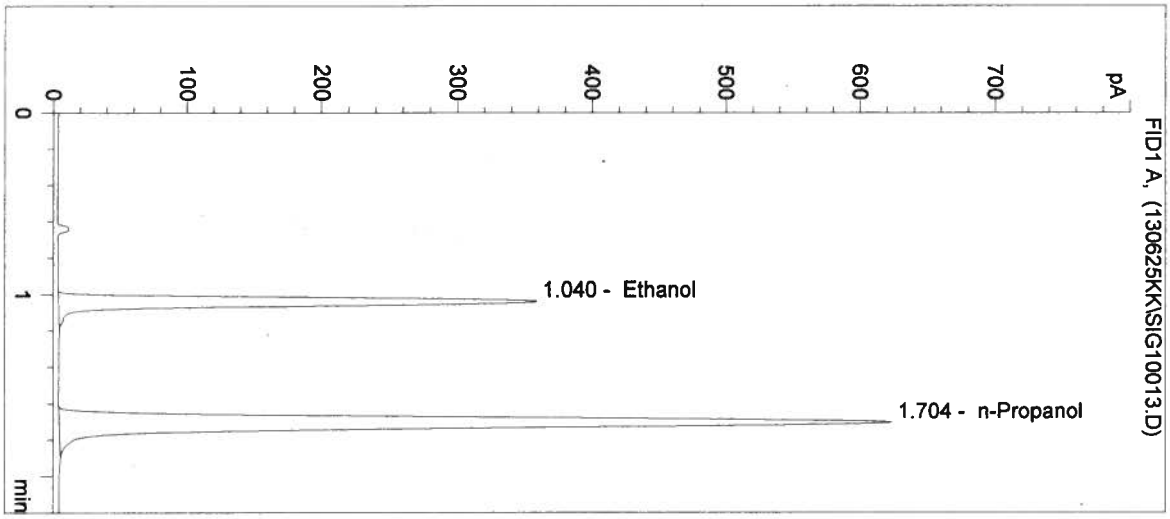
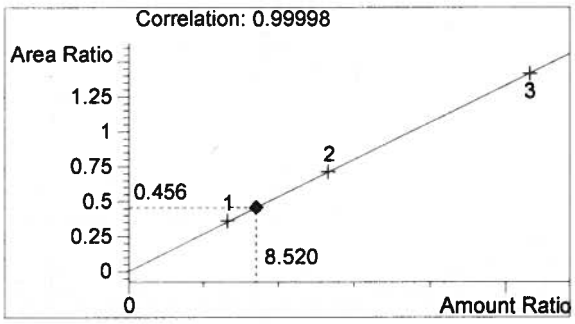
Inj. Date: 6/25/2013 3:19:38 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

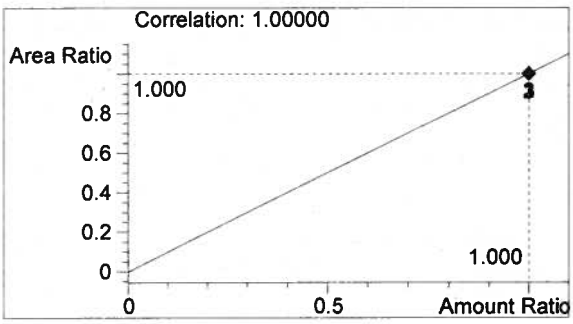
Sample Name: ESS 13027-04
Operator: Katie Knorr
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1114	1.040
2	n-Propanol	2441	1.704



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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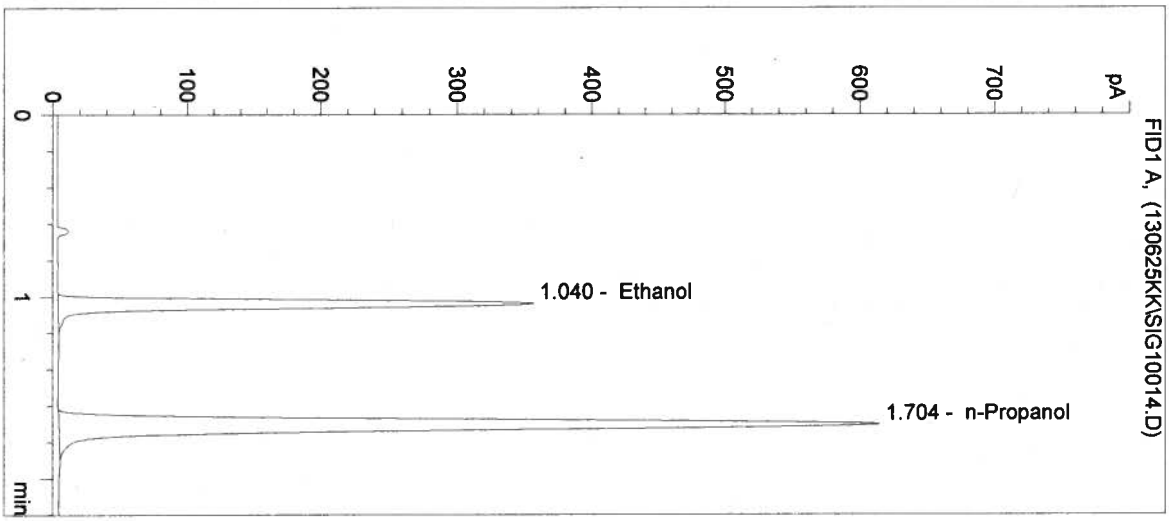
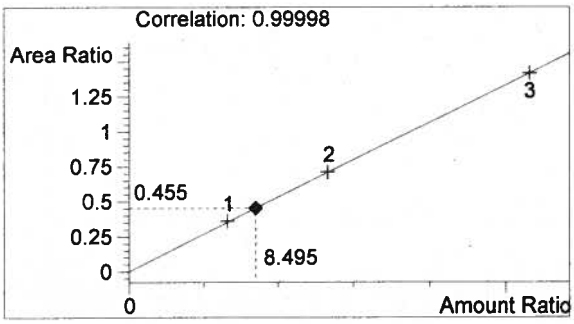
Inj. Date: 6/25/2013 3:22:43 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

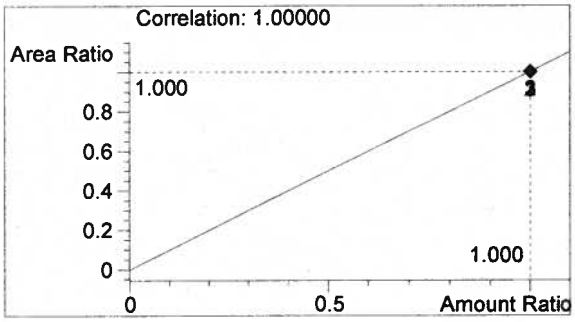
Sample Name: ESS 13027-05
Operator: Katie Knorr
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1091	1.040
2	n-Propanol	2398	1.704



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

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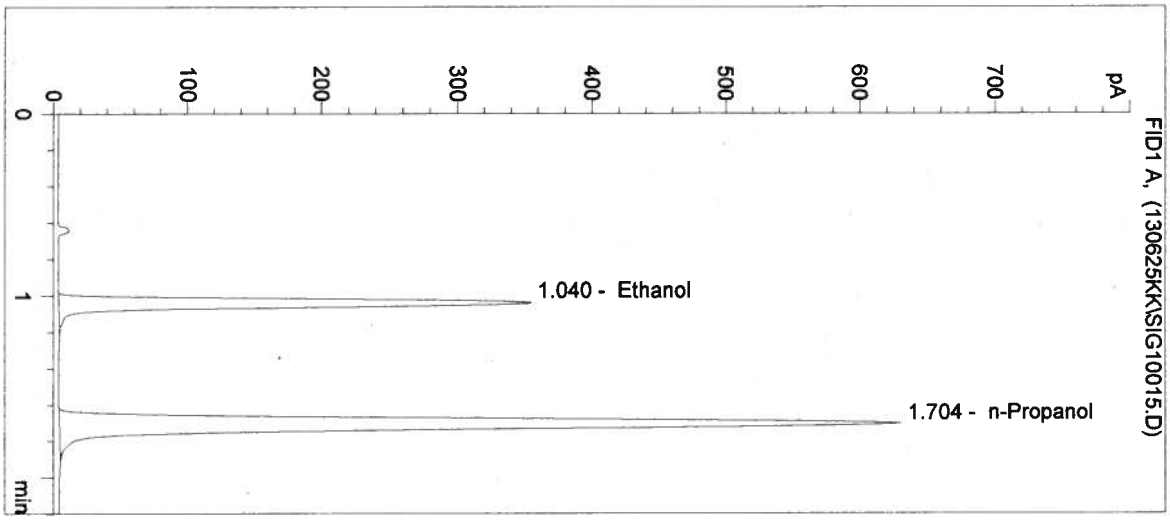
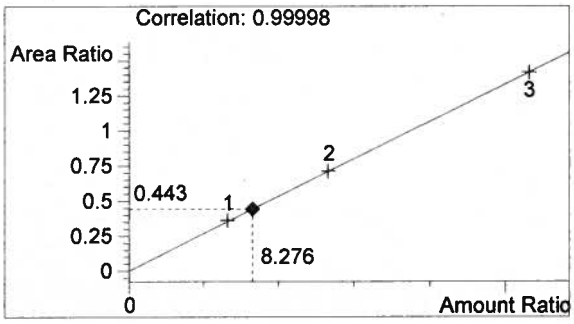
Inj. Date: 6/25/2013 3:25:47 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

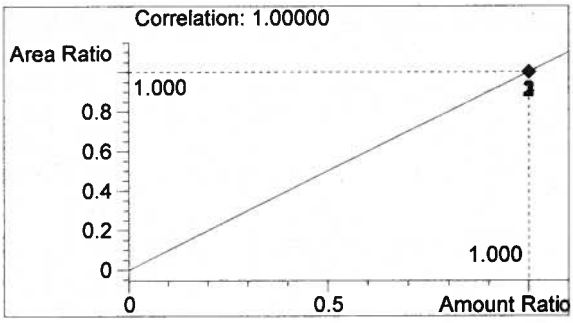
Sample Name: 0.10 CTRL
Operator: Katie Knorr
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1094	1.040
2	n-Propanol	2468	1.704



Ethanol 0.099 g/100mL



n-Propanol 0.012 g/100mL

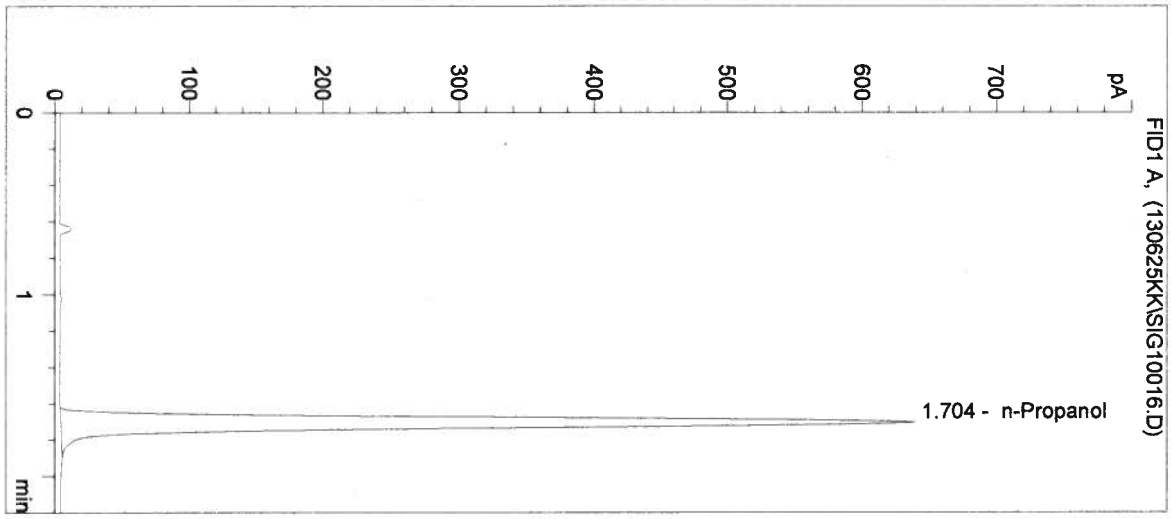
13027

KK

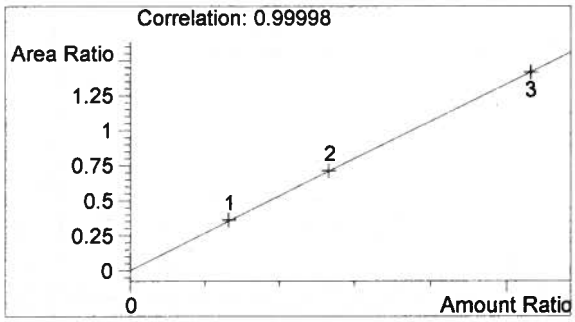
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/25/2013 3:28:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

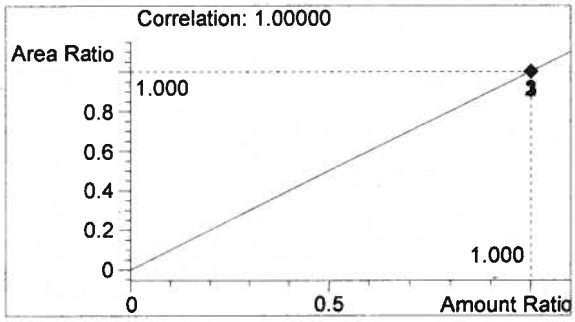
Sample Name: NEG CTRL
Operator: Katie Knorr
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2505	1.704



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13027

KK

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:	130626JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0213-01 - Exp. 08/20/2013
Ethanol Calibrator 2, E0213-02 - Exp. 08/20/2013
Ethanol Calibrator 3, E0213-03 - Exp. 08/20/2013
CTRL1 (0.04g/100mL), Lot # A088613 - Exp. 09/2016
CTRL2 (0.10g/100mL), Lot # A090924 - Exp. 01/2017
CTRL3 (0.20g/100mL), Lot # A093219 - Exp. 05/2017

Internal Standard Lot#P0513 - Exp. 08/02/13

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	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	13027-1	SIMALC1	1	Sample		
11	Vial 11	13027-2	SIMALC1	1	Sample		
12	Vial 12	13027-3	SIMALC1	1	Sample		
13	Vial 13	13027-4	SIMALC1	1	Sample		
14	Vial 14	13027-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC1	1	Ctrl Samp		

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

Sequence Table (Back Injector):

No entries - empty table!

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Calibration Table

Calib. Data Modified : Wednesday, June 26, 2013 9:54:52 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]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.041	1	1	7.93800e-2	866.50153	9.16098e-5	1		Ethanol
		2	1.59660e-1	1681.87463	9.49298e-5			
		3	3.19080e-1	3388.82642	9.41565e-5			
1.706	1	1	1.20000e-2	2440.15649	4.91772e-6	I1		n-Propanol
		2	1.20000e-2	2404.63745	4.99036e-6			
		3	1.20000e-2	2424.17773	4.95013e-6			

Peak Sum Table

No Entries in table

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Calibration Curves

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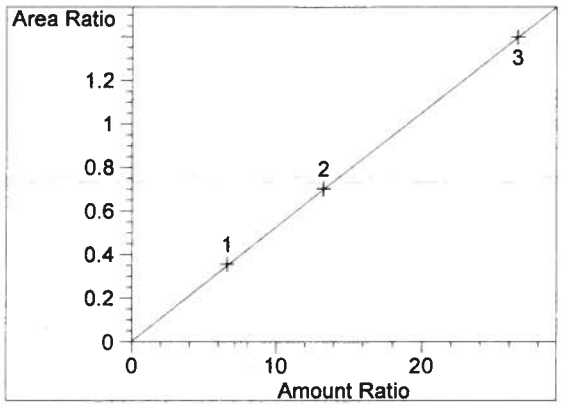
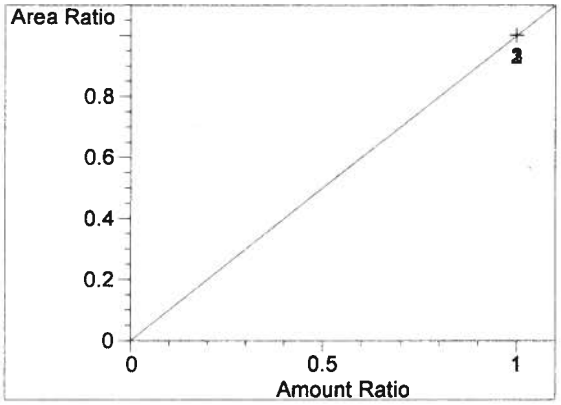


Ethanol at exp. RT: 1.041
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00430
Formula: y = mx + b
m: 5.24783e-2
b: 2.92330e-3
x: Amount Ratio
y: Area Ratio



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

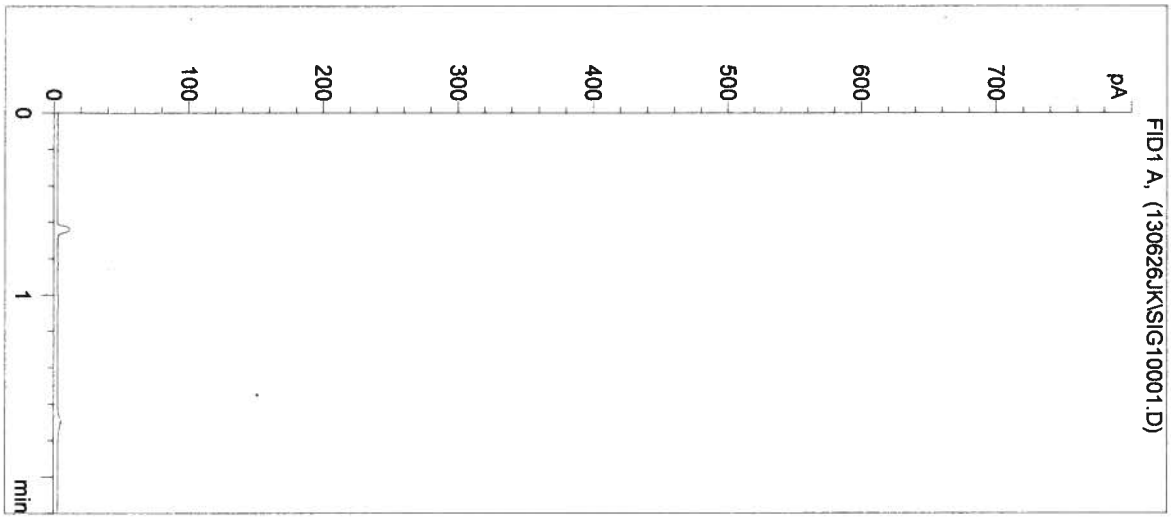
==========

13027

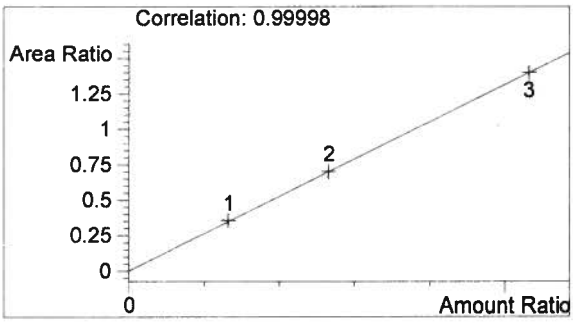
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/26/2013 9:43:25 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

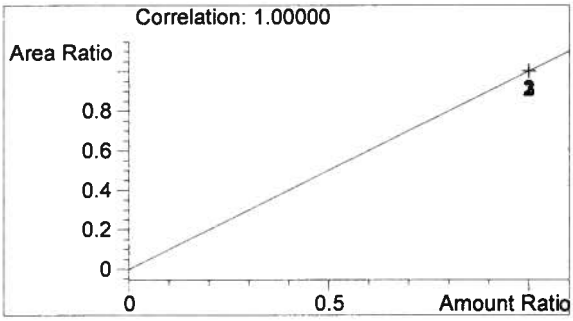
Sample Name: BLANK
Operator: Justin Knoy
Location: Vial 1



#	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

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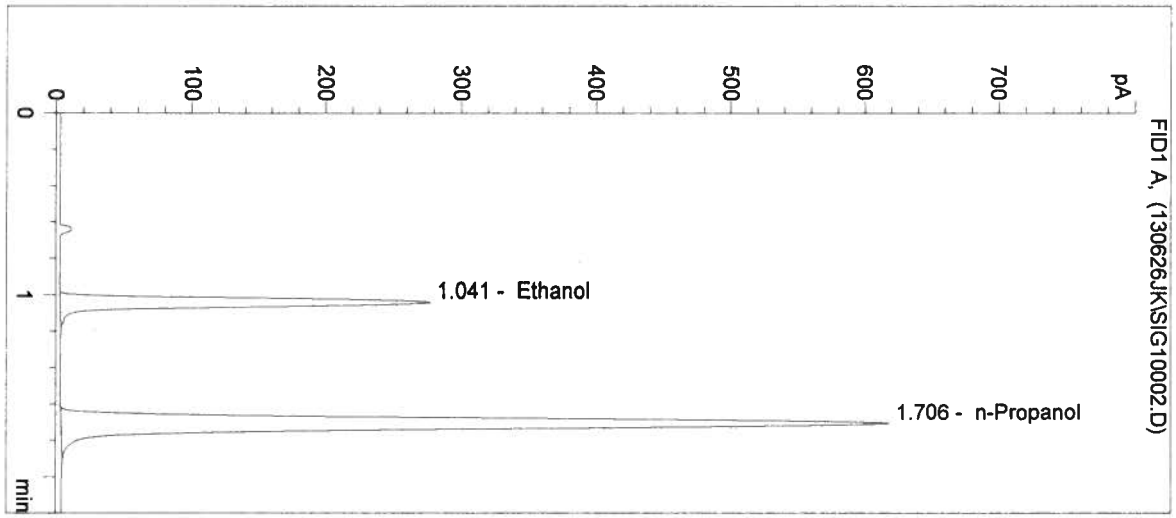
Data File: C:\HPCHEM\1\DATA\130626JK\SIG10001.D

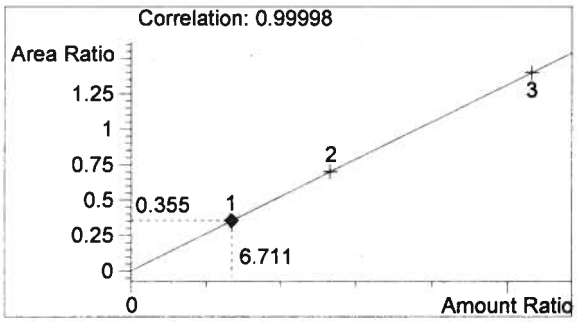
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/26/2013 9:46:30 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0213-01 - (0.079g/100mL)

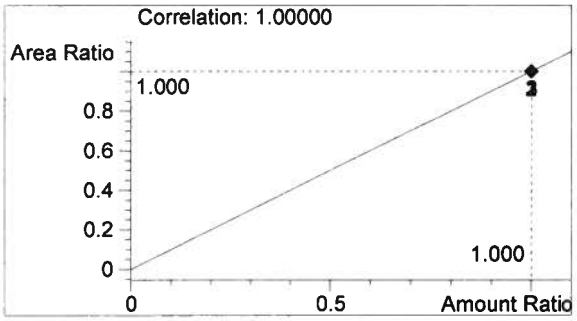
Sample Name: CAL1 0.079
Operator: Justin Knoy
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	867	1.041
2	n-Propanol	2440	1.706



Ethanol 0.081 g/100mL



n-Propanol 0.012 g/100mL

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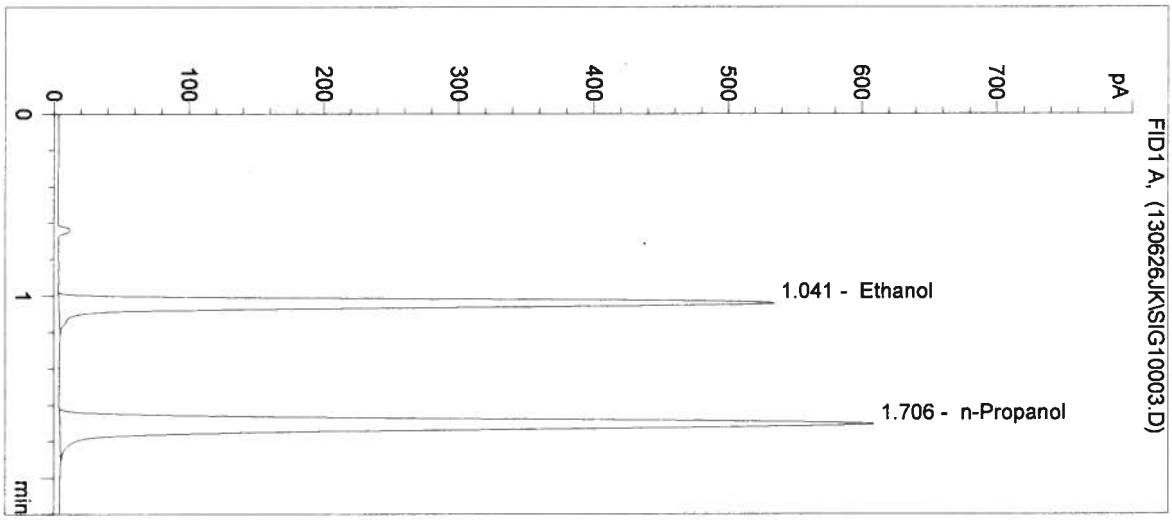
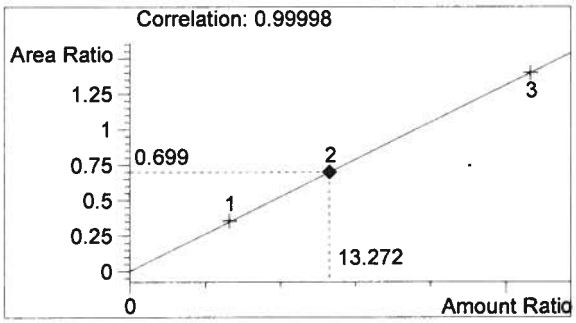
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/26/2013 9:49:34 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0213-02 - (0.158g/100mL)

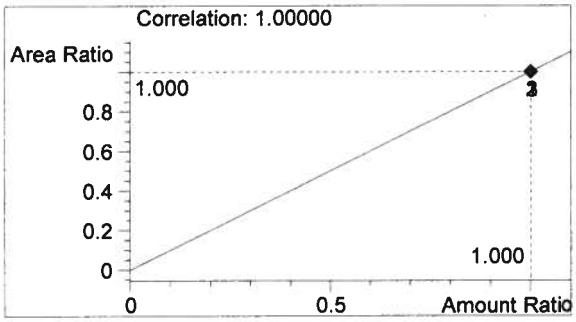
Sample Name: CAL2 0.158
Operator: Justin Knoy
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1682	1.041
2	n-Propanol	2405	1.706



Ethanol 0.159 g/100mL



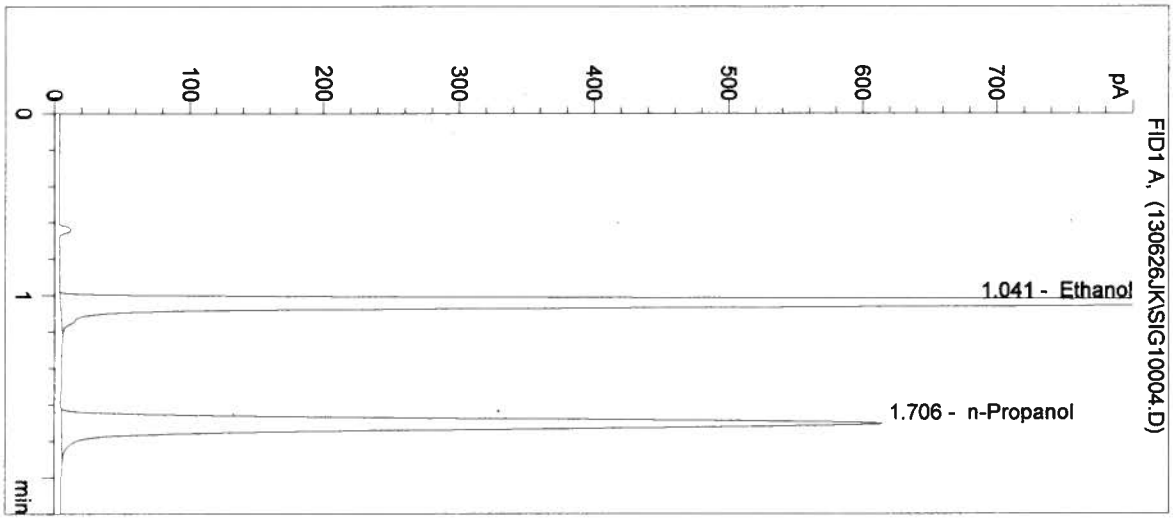
n-Propanol 0.012 g/100mL

13027

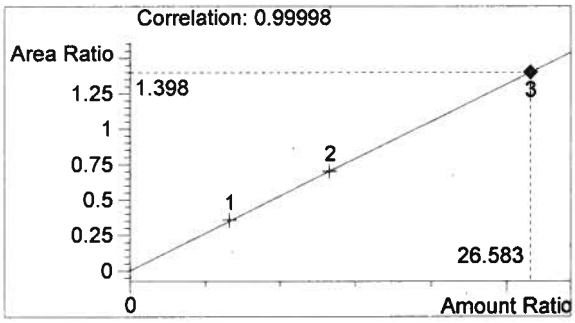
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/26/2013 9:52:39 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0213-03 - (0.316g/100mL)

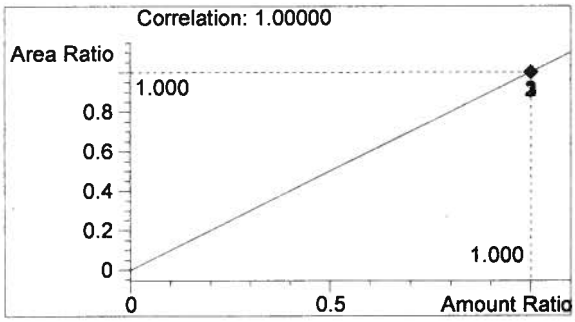
Sample Name: CAL3 0.316
Operator: Justin Knoy
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3389	1.041
2	n-Propanol	2424	1.706



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

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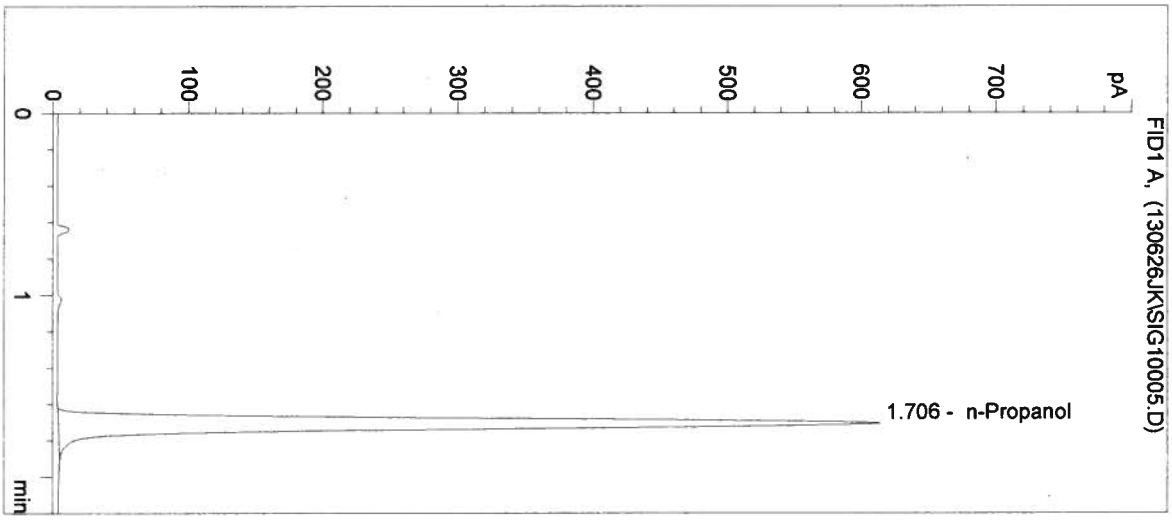
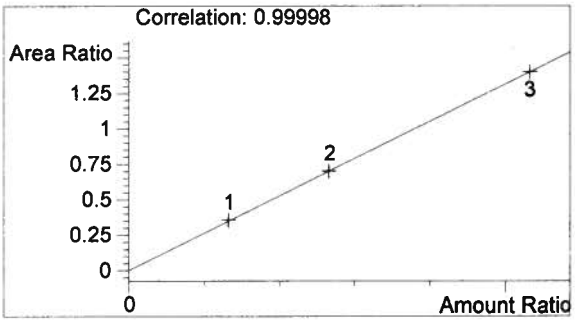
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/26/2013 9:55:44 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

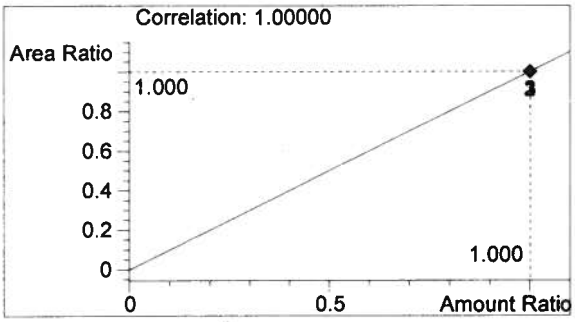
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2422	1.706



Ethanol 0.000 g/100mL



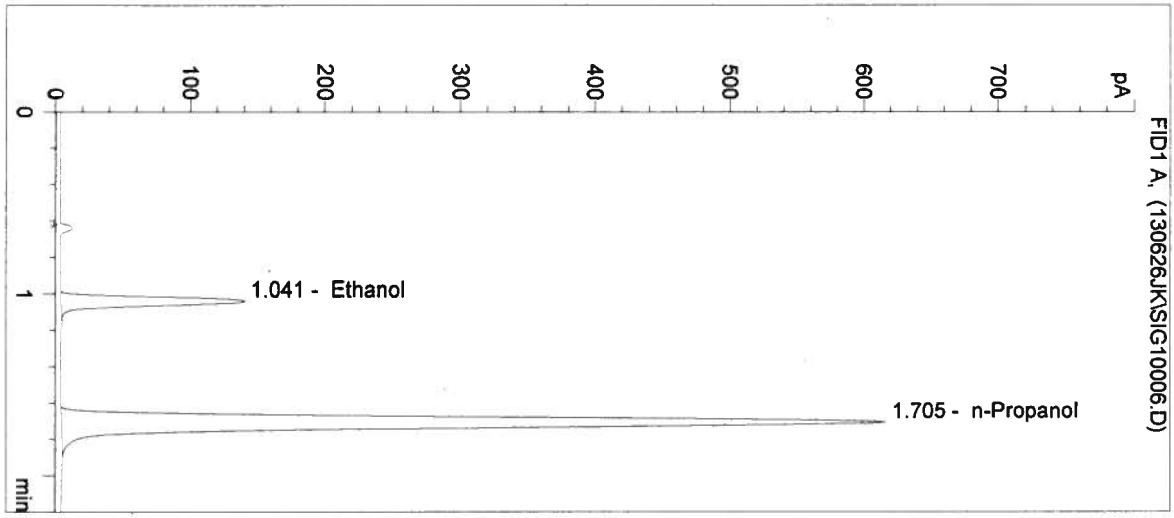
n-Propanol 0.012 g/100mL

13027

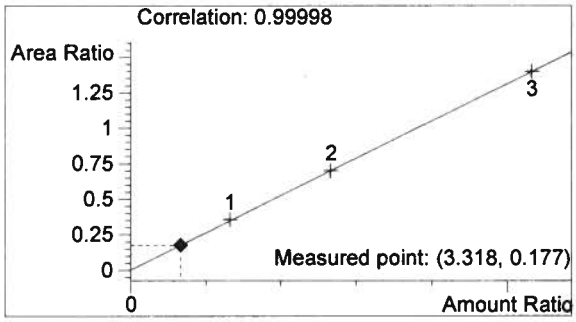
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/26/2013 9:58:49 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.04g/100mL

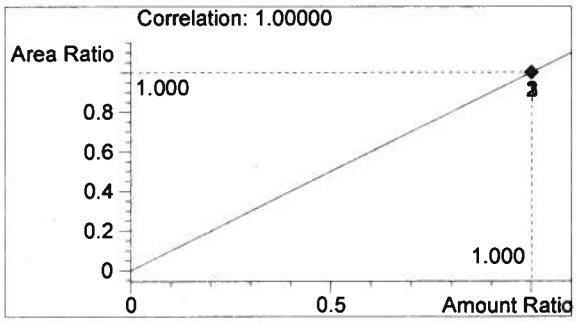
Sample Name: 0.04 CTRL JK
Operator: Justin Knoy
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	432	1.041
2	n-Propanol	2438	1.705



Ethanol 0.040 g/100mL



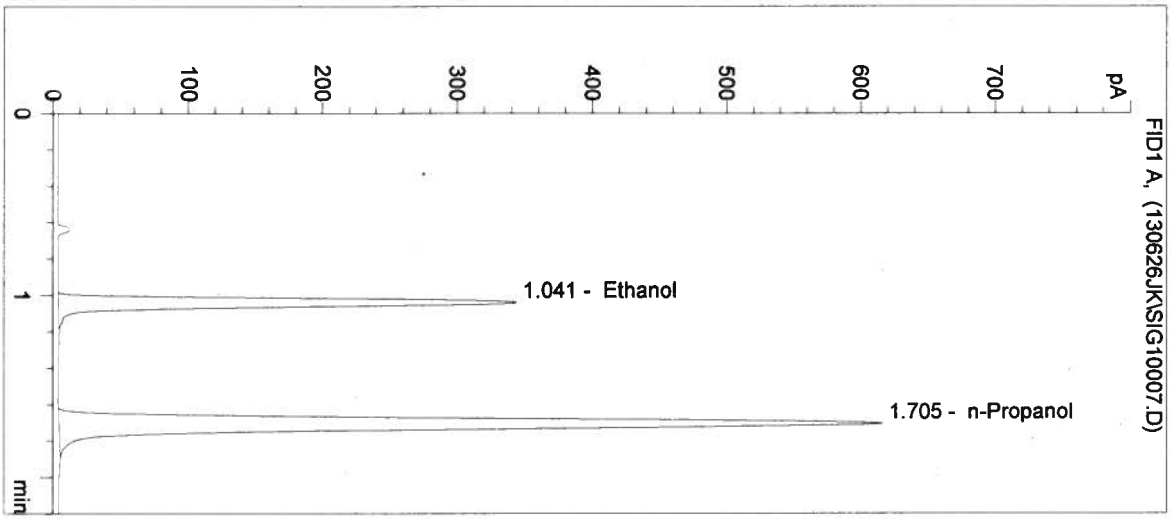
n-Propanol 0.012 g/100mL

13027

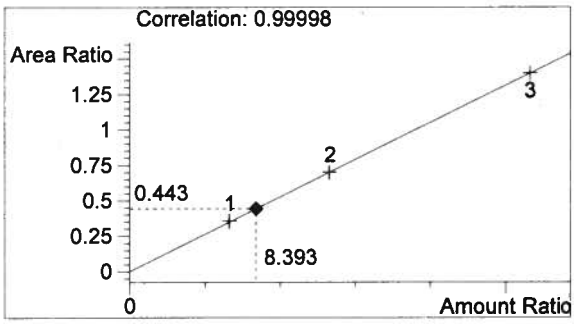
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/26/2013 10:01:54 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10g/100mL

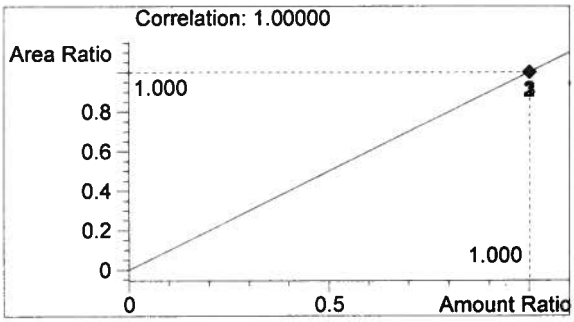
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1079	1.041
2	n-Propanol	2434	1.705



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

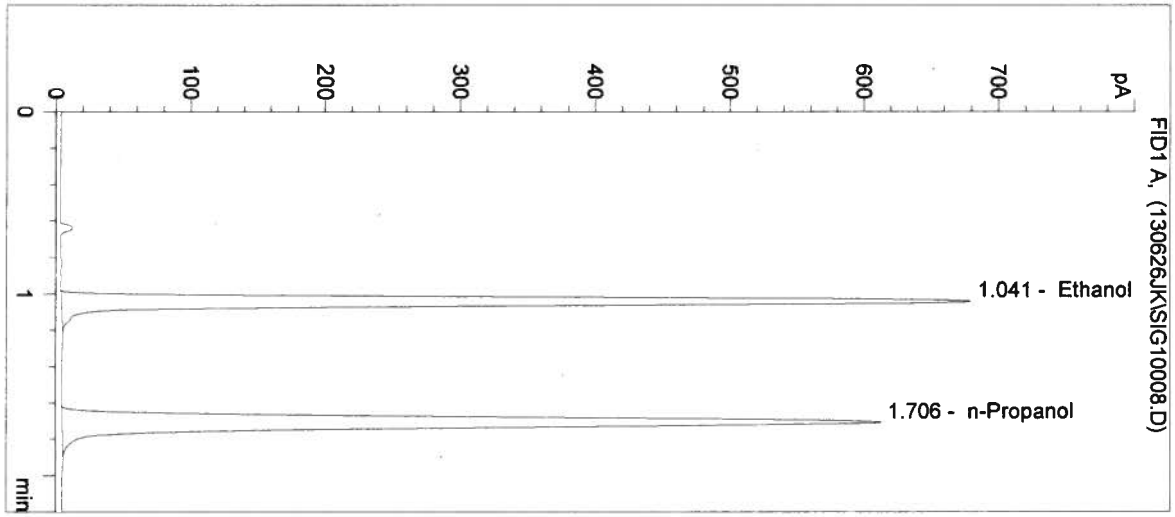
13027

Data File: C:\HPCHEM\1\DATA\130626JK\SIG10007.D

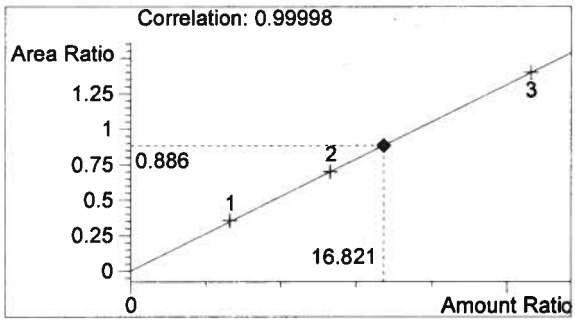
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/26/2013 10:04:59 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.20g/100mL

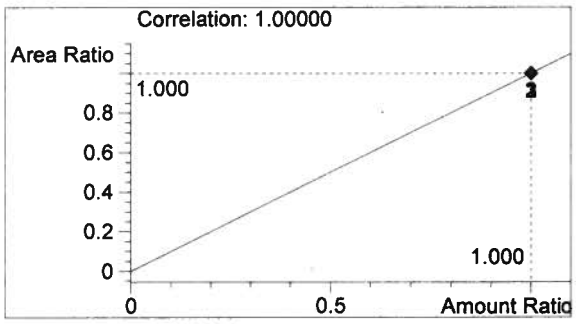
Sample Name: 0.20 CTRL JK
Operator: Justin Knoy
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2146	1.041
2	n-Propanol	2423	1.706



Ethanol 0.202 g/100mL



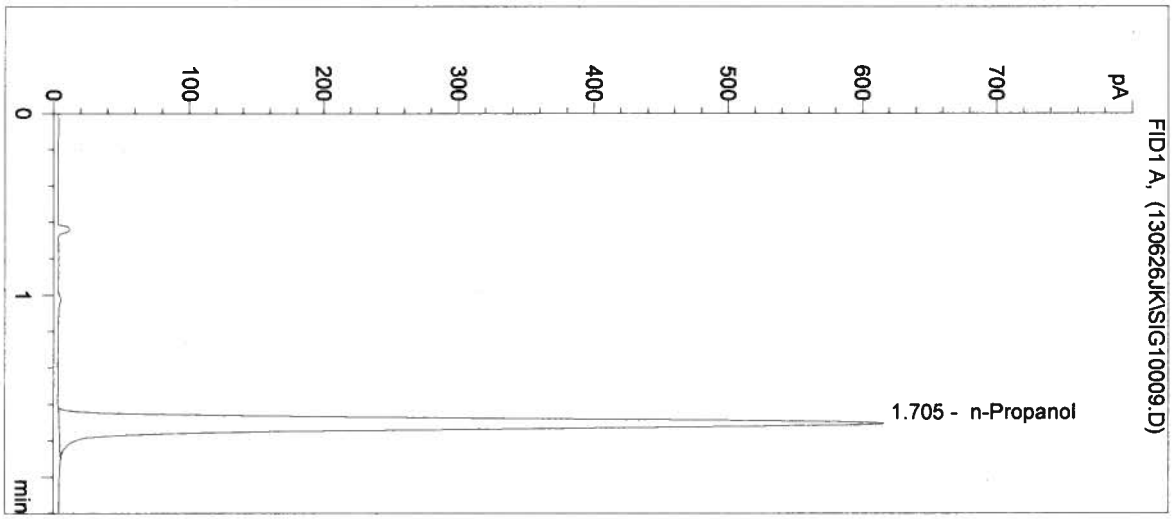
n-Propanol 0.012 g/100mL

1302

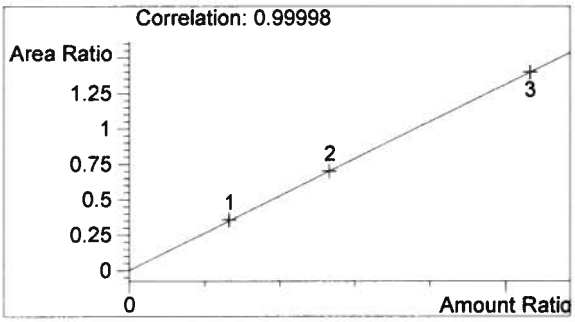
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/26/2013 10:08:03 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

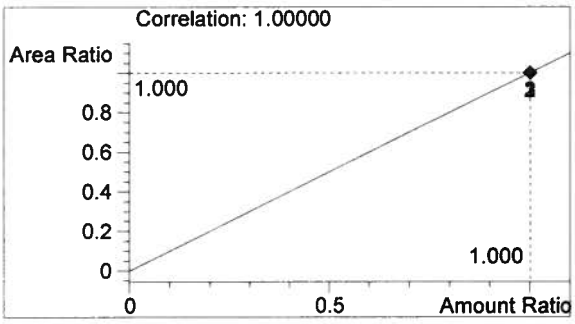
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2441	1.705



Ethanol 0.000 g/100mL



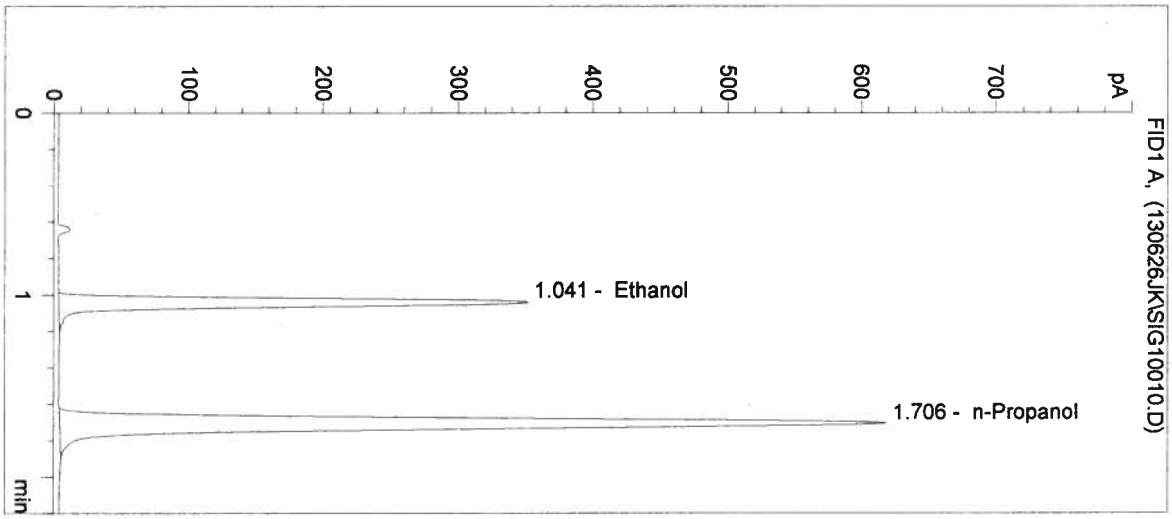
n-Propanol 0.012 g/100mL

13027

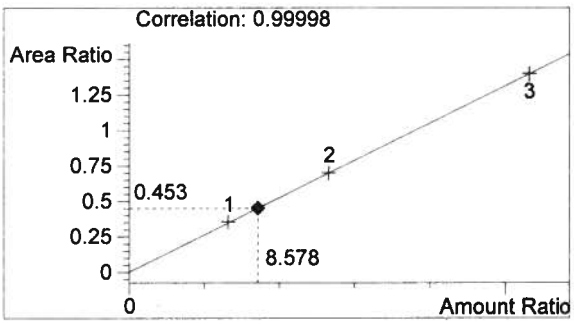
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/26/2013 10:11:08 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

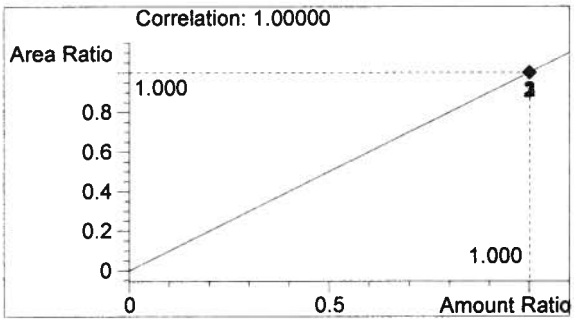
Sample Name: 13027-1
Operator: Justin Knoy
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1107	1.041
2	n-Propanol	2442	1.706



Ethanol 0.103 g/100mL

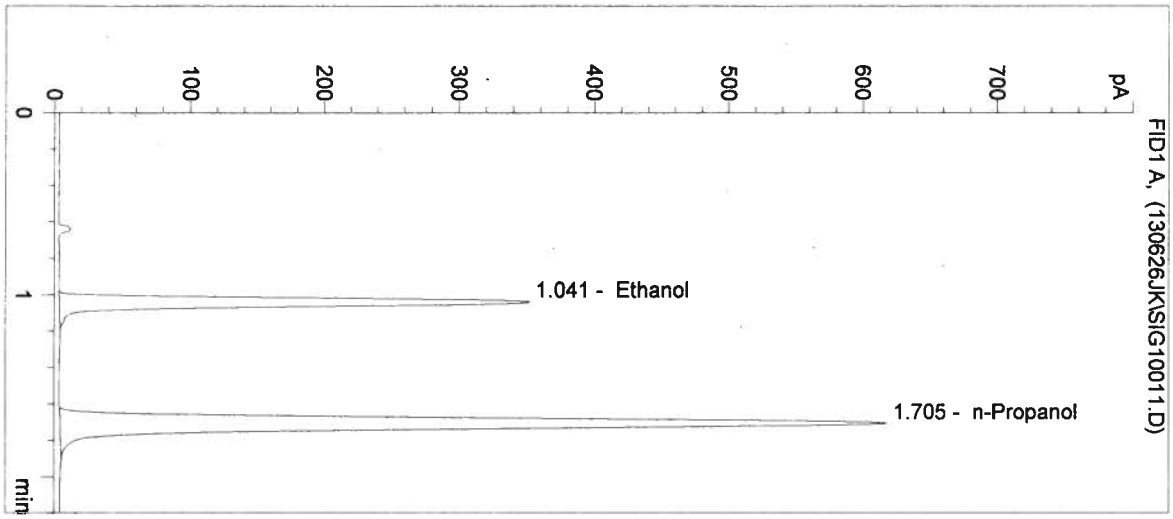


n-Propanol 0.012 g/100mL

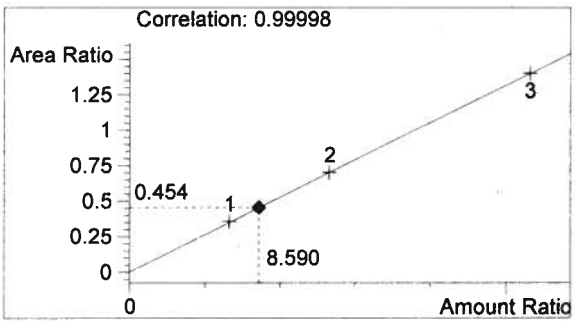
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/26/2013 10:14:13 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

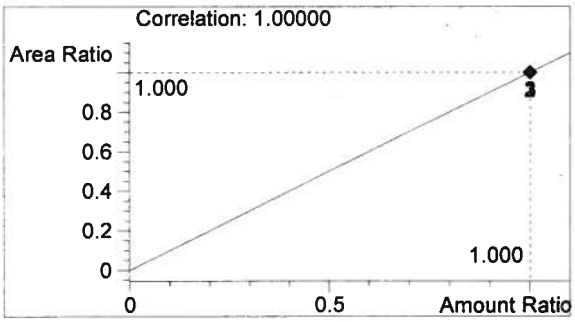
Sample Name: 13027-2
Operator: Justin Knoy
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1109	1.041
2	n-Propanol	2443	1.705



Ethanol 0.103 g/100mL

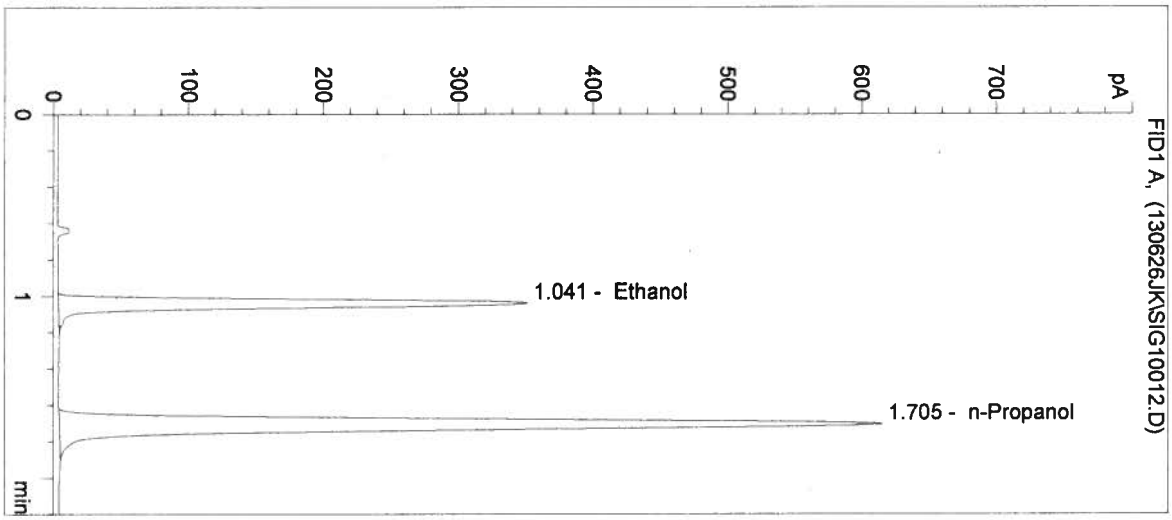


n-Propanol 0.012 g/100mL

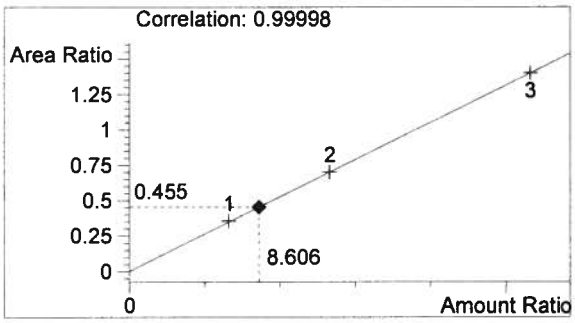
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/26/2013 10:17:18 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

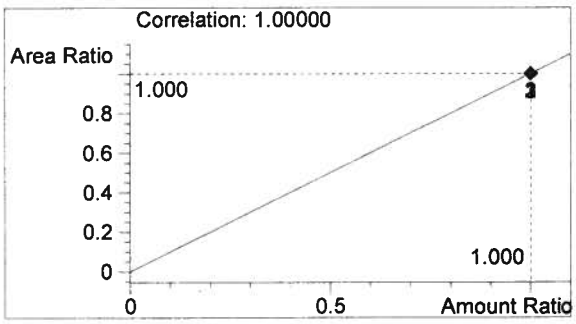
Sample Name: 13027-3
Operator: Justin Knoy
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1104	1.041
2	n-Propanol	2428	1.705



Ethanol 0.103 g/100mL

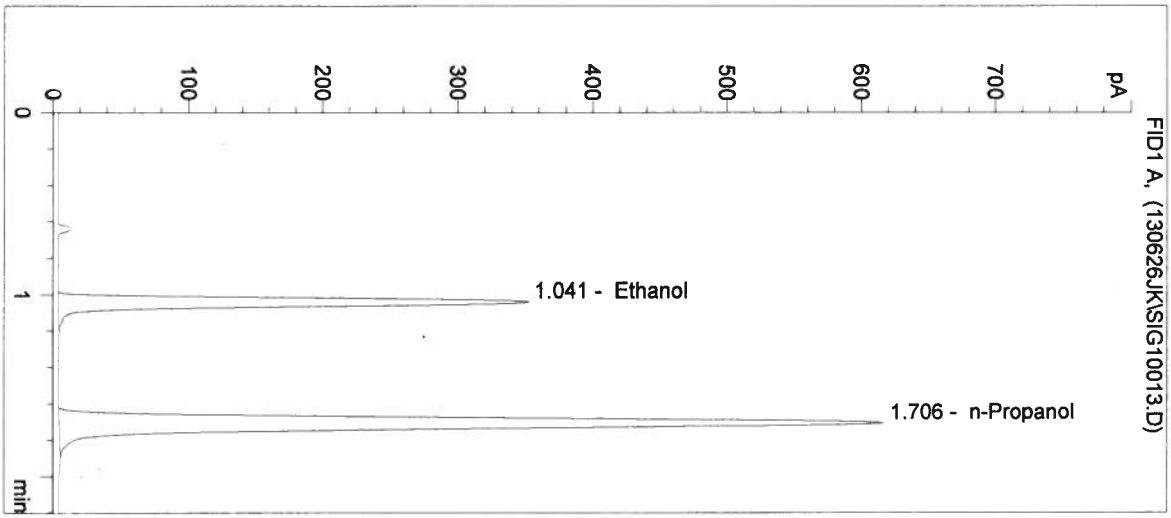


n-Propanol 0.012 g/100mL

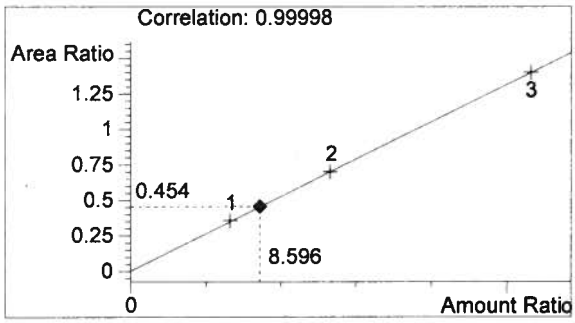
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/26/2013 10:20:22 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

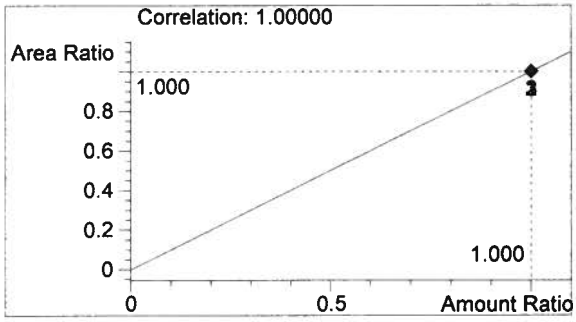
Sample Name: 13027-4
Operator: Justin Knoy
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1108	1.041
2	n-Propanol	2440	1.706



Ethanol 0.103 g/100mL

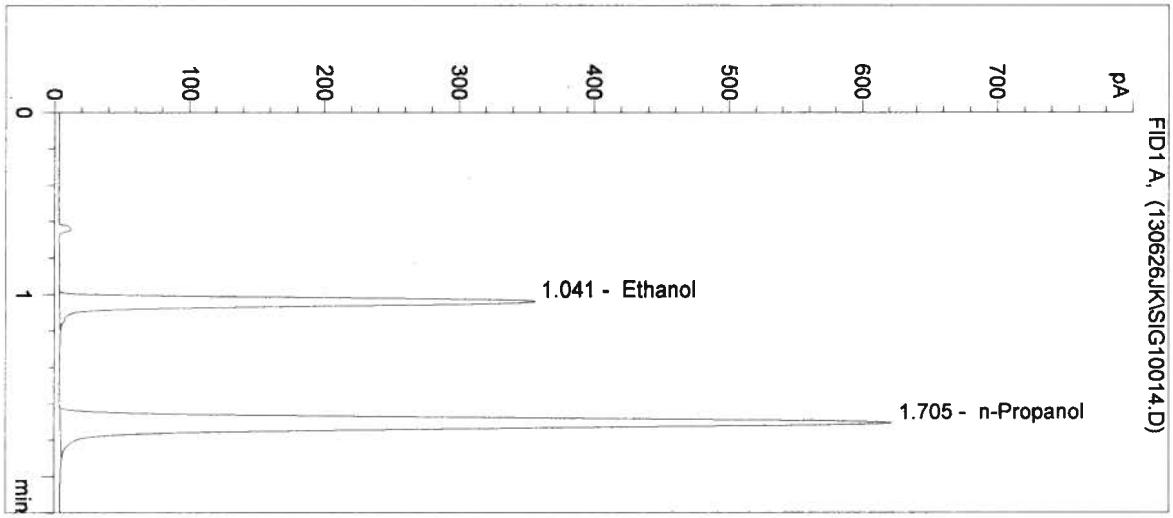


n-Propanol 0.012 g/100mL

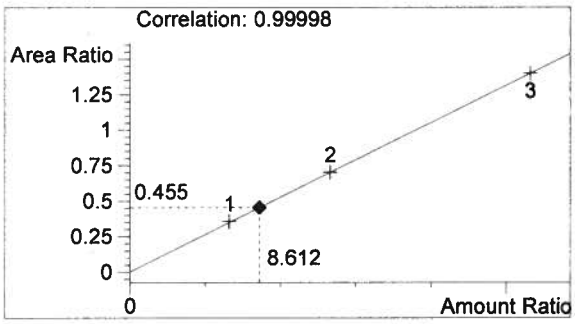
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/26/2013 10:23:27 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

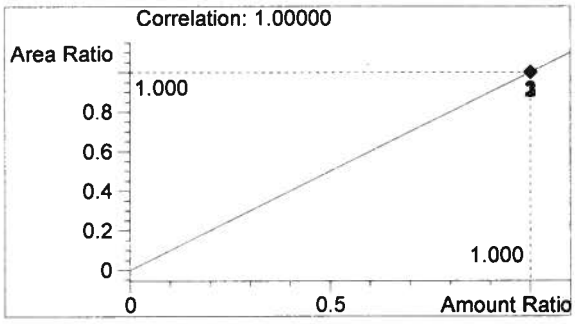
Sample Name: 13027-5
Operator: Justin Knoy
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1120	1.041
2	n-Propanol	2462	1.705



Ethanol 0.103 g/100mL

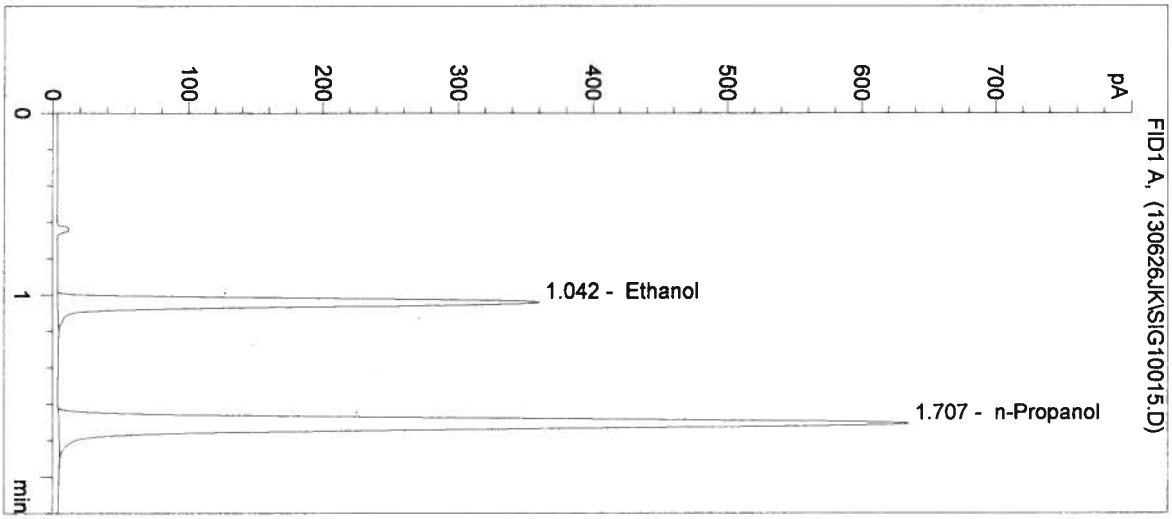


n-Propanol 0.012 g/100mL

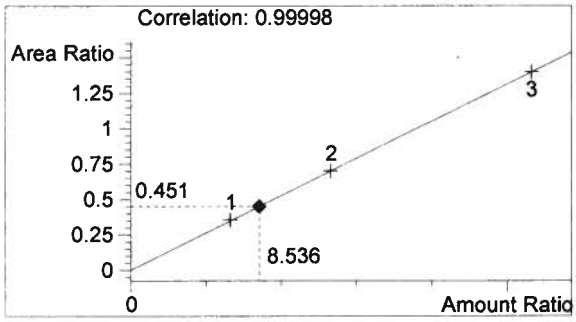
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/26/2013 10:26:32 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10g/100mL

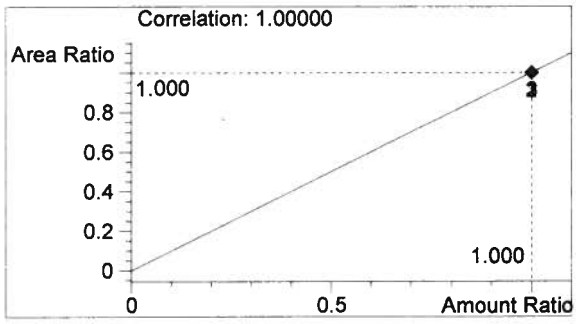
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1131	1.042
2	n-Propanol	2507	1.707



Ethanol 0.102 g/100mL



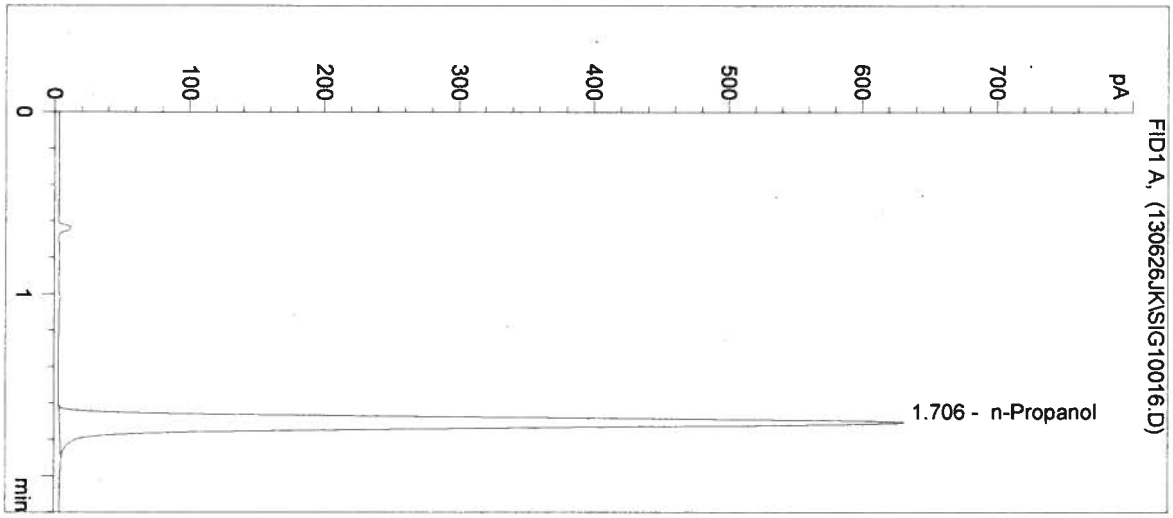
n-Propanol 0.012 g/100mL

13027

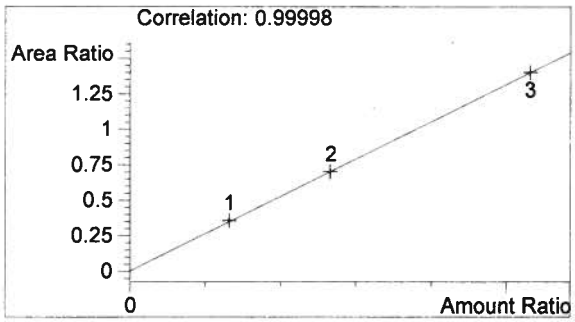
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/26/2013 10:29:37 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

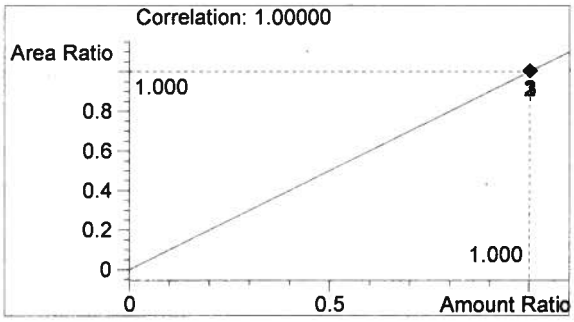
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2494	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13027

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

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:	130628BB
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Cal 1 (0.079g/100mL) Lot#E0213-01 Exp 8/20/13
Cal 2 (0.158g/100mL) Lot#E0213-02 Exp 8/20/13
Cal 3 (0.316g/100mL) Lot#E0213-03 Exp 8/20/13
0.04 g/100mL Control 1 - Lot #A088613 - Exp. 09/2016
0.10 g/100mL Control 2 - Lot #A090924 - Exp. 01/2017
0.20 g/100mL Control 3 - Lot #A093219 - Exp. 05/2017
ISTD Lot#P0513 Exp 08/02/13

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	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	13027-1	SIMALC1	1	Sample		
11	Vial 11	13027-2	SIMALC1	1	Sample		
12	Vial 12	13027-3	SIMALC1	1	Sample		
13	Vial 13	13027-4	SIMALC1	1	Sample		
14	Vial 14	13027-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL BB	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL BB	SIMALC1	1	Ctrl Samp		

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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	

BB

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

Sequence Table (Back Injector):

No entries - empty table!

13027

130628 BB

BB

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

Calibration Table

Calib. Data Modified : Friday, June 28, 2013 7:19:55 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
1.042	1	1	7.93800e-2	978.58380	8.11172e-5	1		Ethanol
		2	1.59660e-1	1949.86621	8.18825e-5			
		3	3.19080e-1	3671.02905	8.69184e-5			
1.708	1	1	1.20000e-2	2715.05420	4.41980e-6	I1		n-Propanol
		2	1.20000e-2	2690.74634	4.45973e-6			
		3	1.20000e-2	2547.06128	4.71131e-6			

Peak Sum Table

No Entries in table

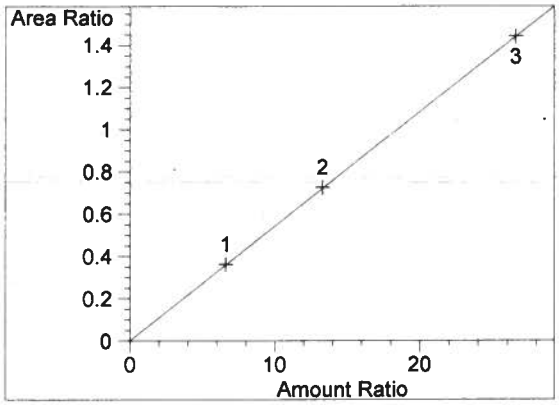
13027

BB

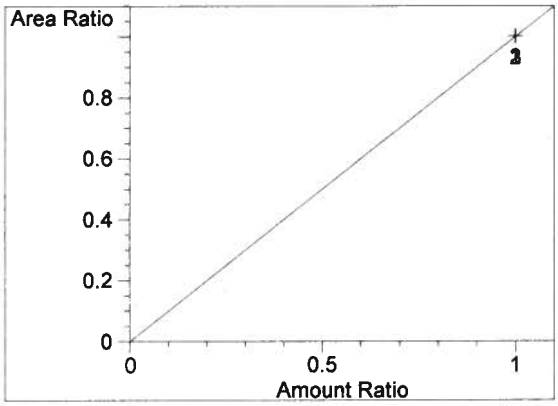
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.042
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00205
Formula: y = mx + b
m: 5.41947e-2
b: 1.44271e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.708
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

==========

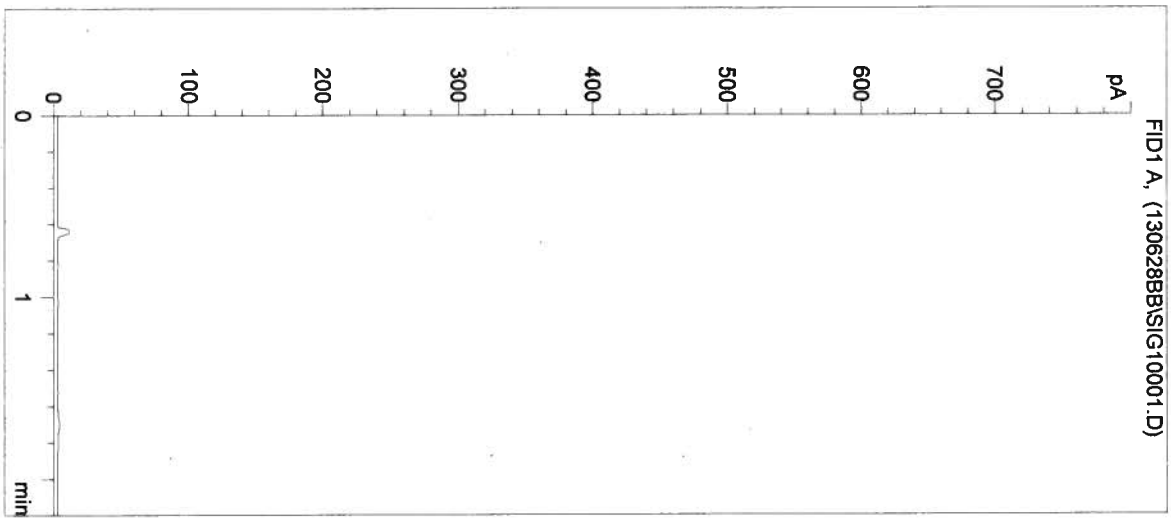
13027

BB

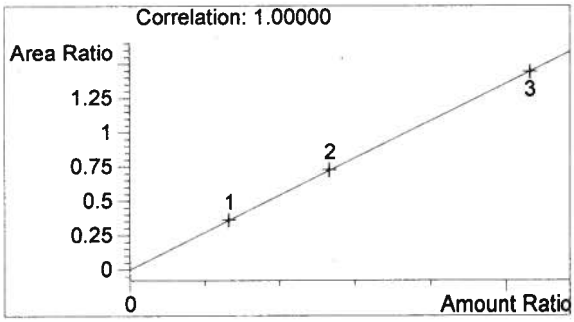
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/28/2013 7:08:28 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

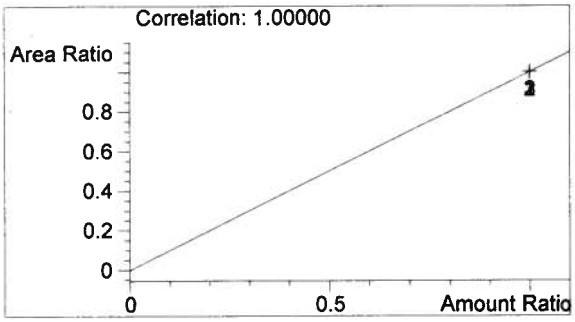
Sample Name: BLANK
Operator: Brittany Ball
Location: Vial 1



#	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

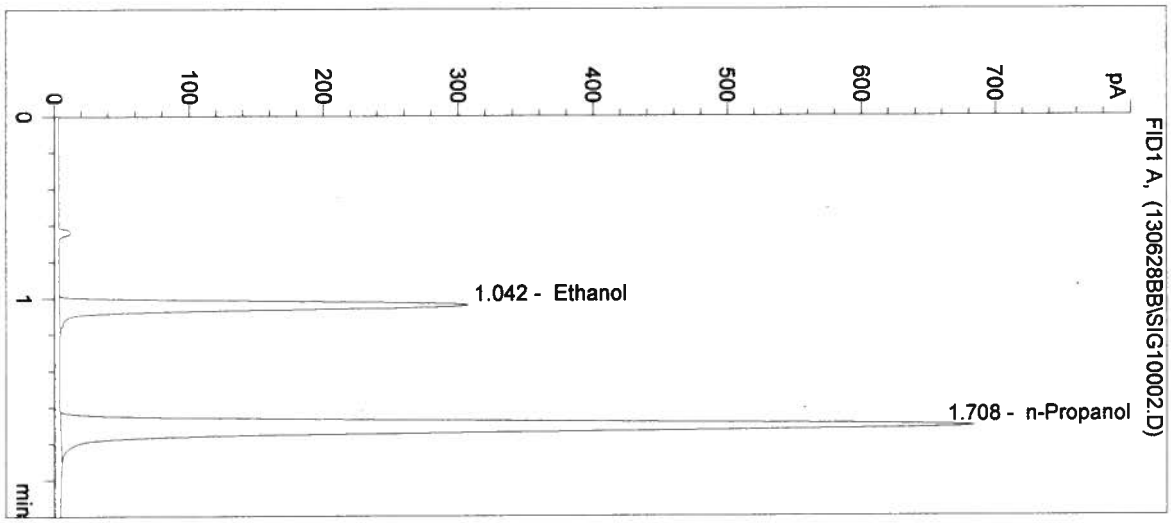
13027

Data File: C:\HPCHEM\1\DATA\130628BB\SIG10001.D

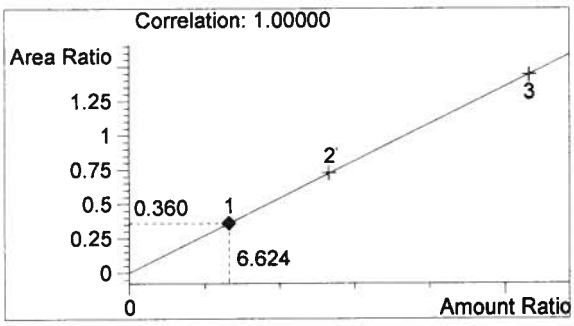
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/28/2013 7:11:33 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

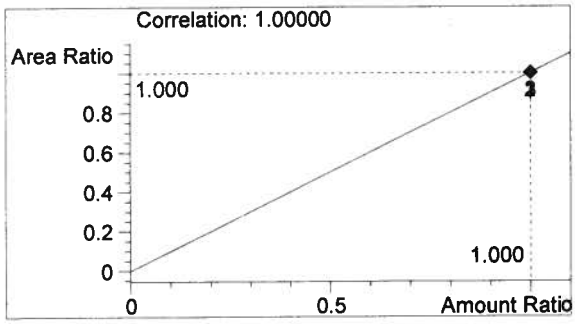
Sample Name: 0.079 CAL
Operator: Brittany Ball
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	979	1.042
2	n-Propanol	2715	1.708



Ethanol 0.079 g/100mL



n-Propanol 0.012 g/100mL

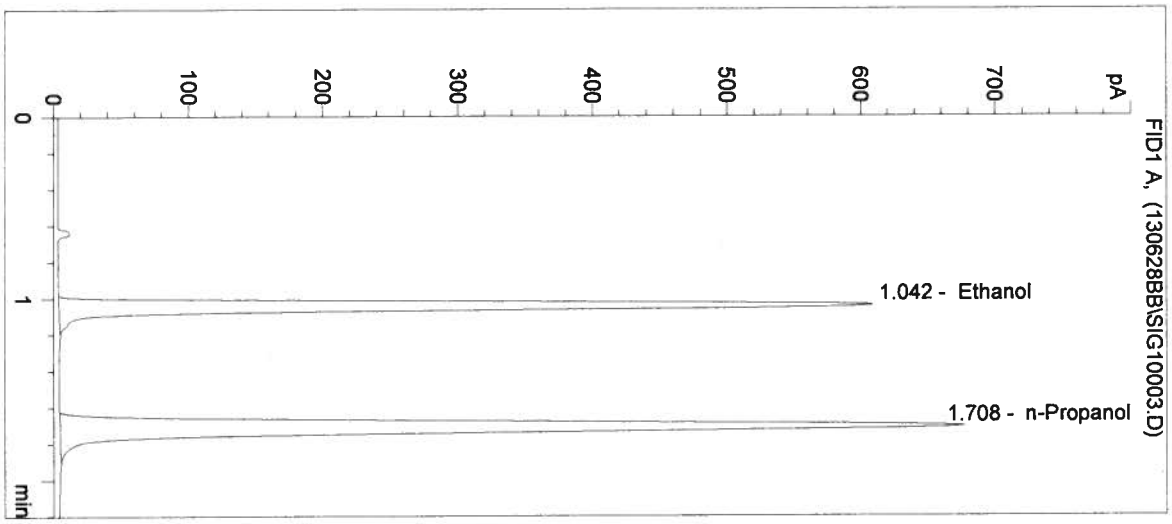
13027

BB

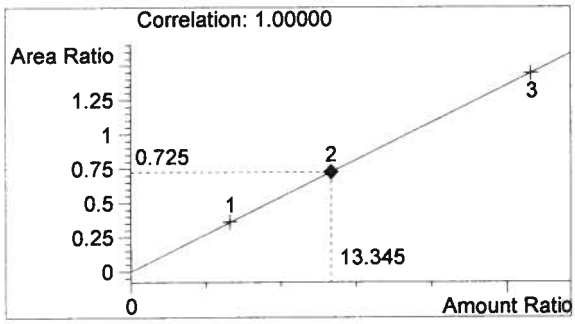
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/28/2013 7:14:38 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

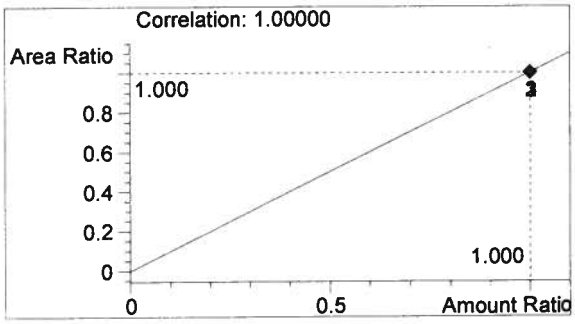
Sample Name: 0.158 CAL
Operator: Brittany Ball
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1950	1.042
2	n-Propanol	2691	1.708



Ethanol 0.160 g/100mL



n-Propanol 0.012 g/100mL

13027

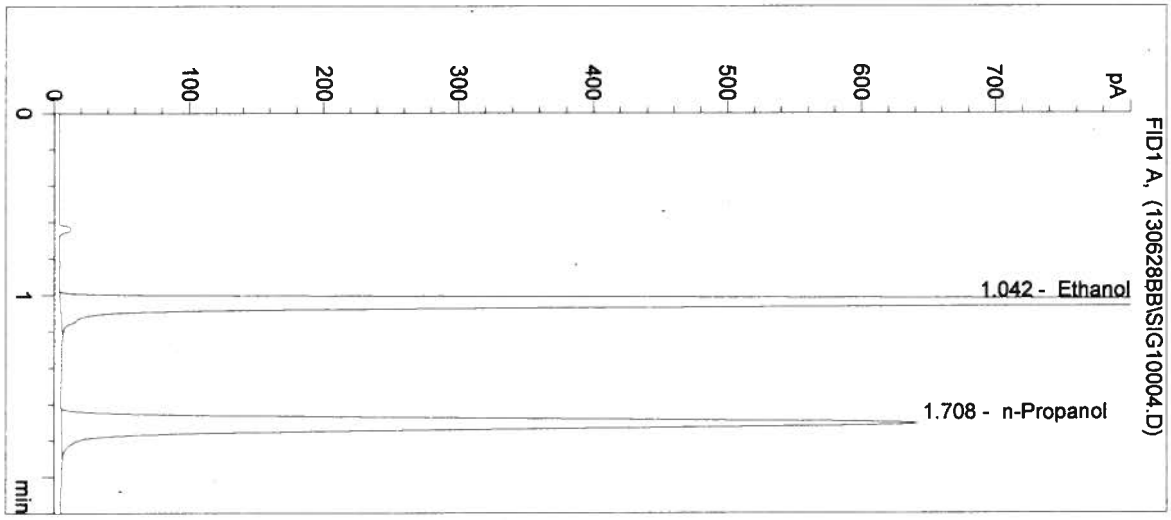
BB

Data File: C:\HPCHEM\1\DATA\130628BB\SIG10003.D

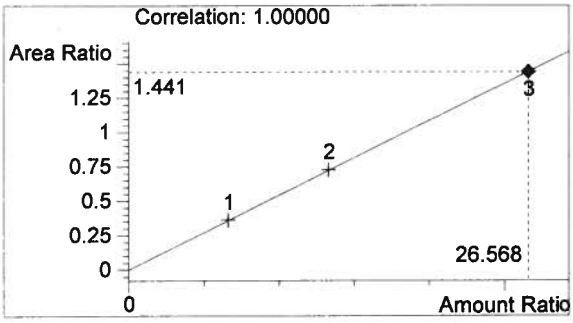
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/28/2013 7:17:42 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

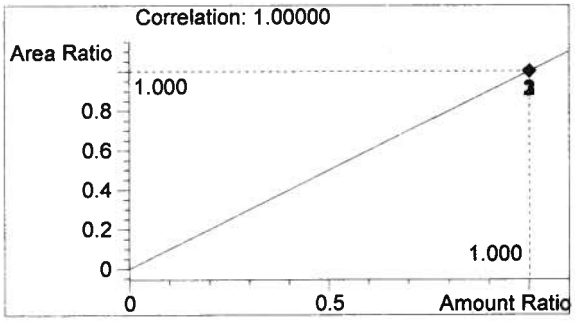
Sample Name: 0.316 CAL
Operator: Brittany Ball
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3671	1.042
2	n-Propanol	2547	1.708



Ethanol 0.319 g/100mL



n-Propanol 0.012 g/100mL

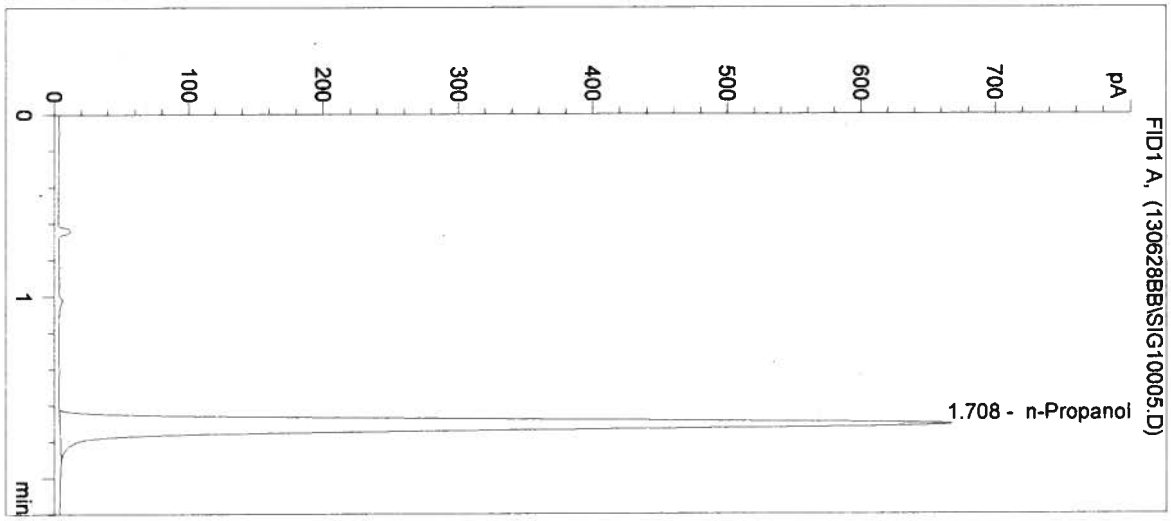
13027

BC

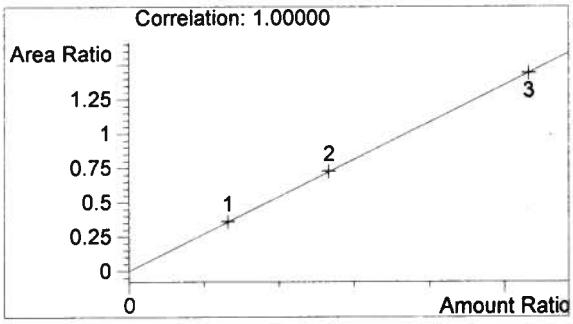
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/28/2013 7:20:47 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

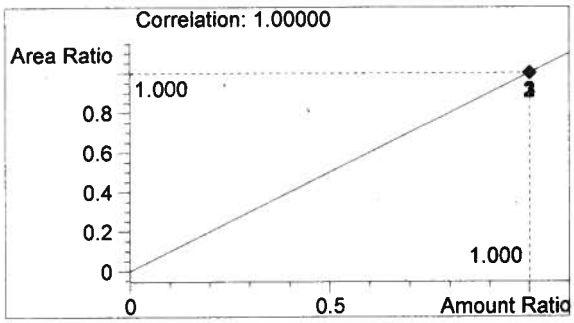
Sample Name: NEG CTRL BB
Operator: Brittany Ball
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2656	1.708



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13027

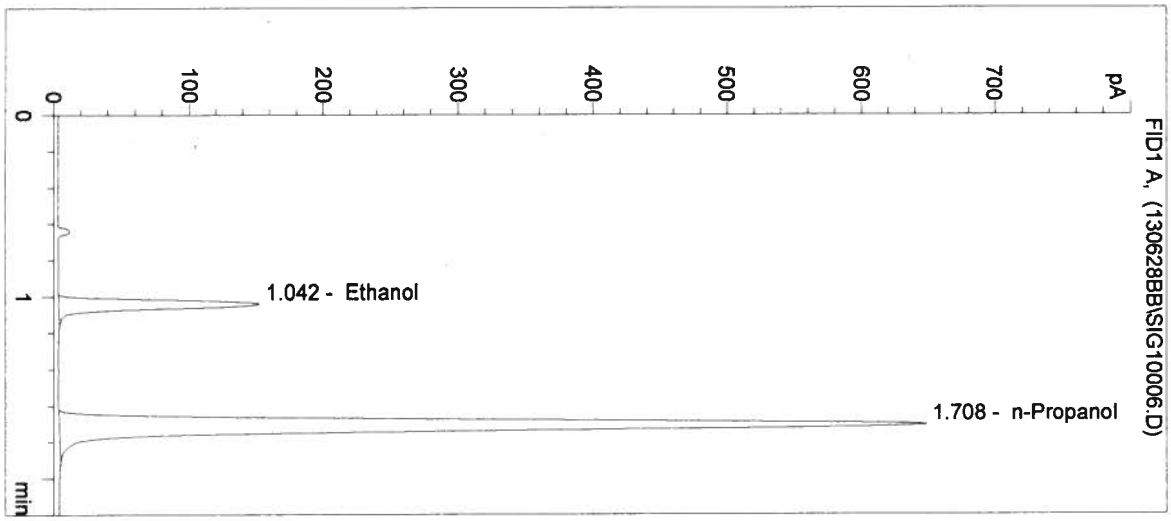
BB

Data File: C:\HPCHEM\1\DATA\130628BB\SIG10005.D

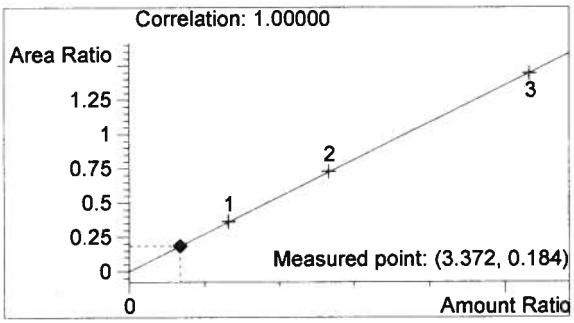
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/28/2013 7:23:52 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

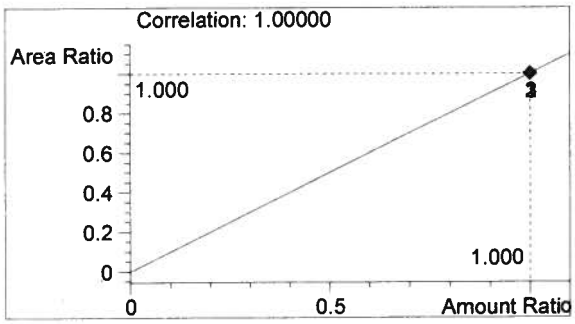
Sample Name: 0.04 CTRL BB
Operator: Brittany Ball
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	475	1.042
2	n-Propanol	2577	1.708



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

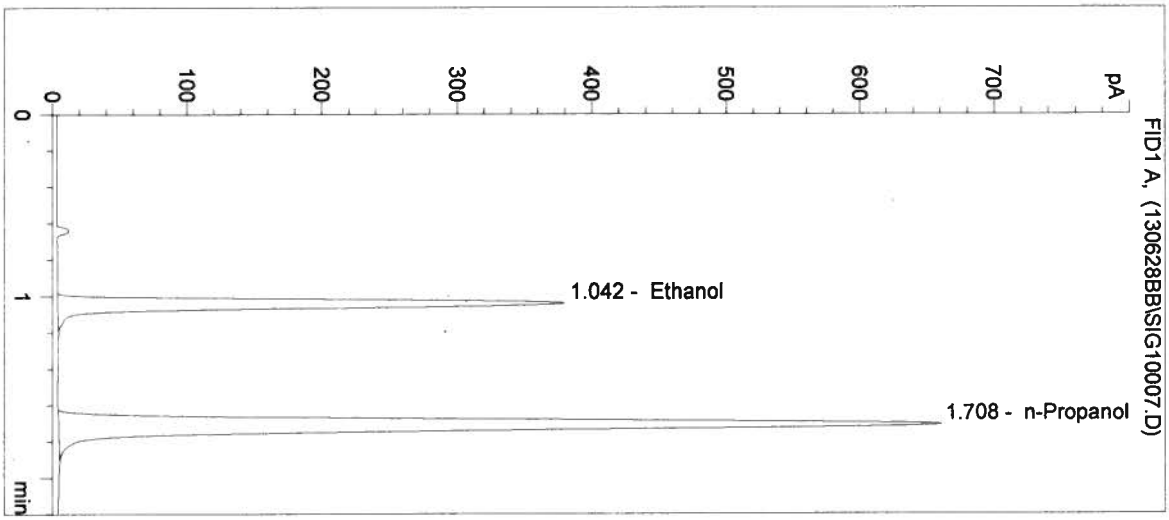
13027

Data File: C:\HPCHEM\1\DATA\130628BB\SIG10006.D

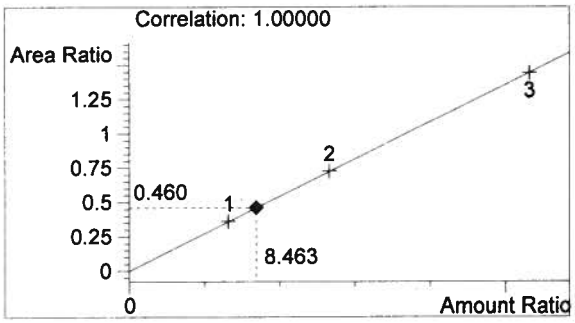
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/28/2013 7:26:57 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

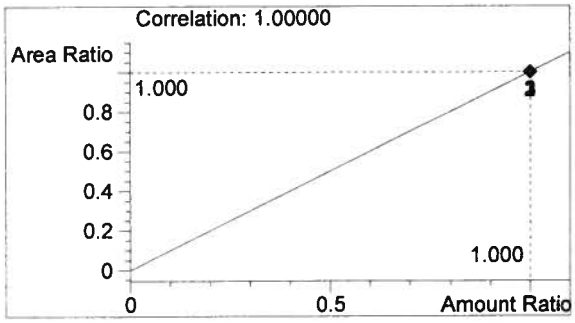
Sample Name: 0.10 CTRL BB
Operator: Brittany Ball
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1209	1.042
2	n-Propanol	2627	1.708



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

13027

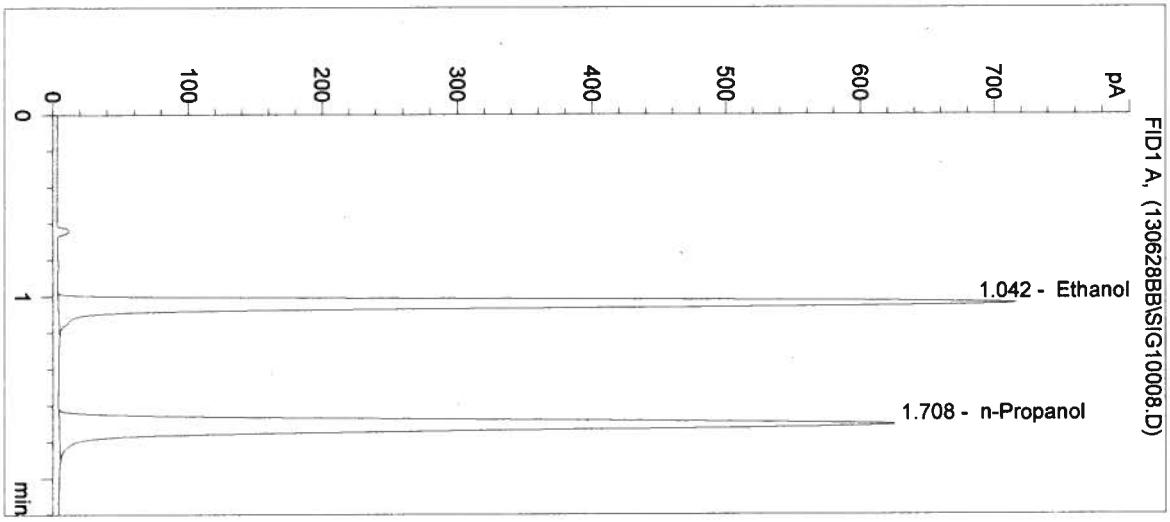
BB

Data File: C:\HPCHEM\1\DATA\130628BB\SIG10007.D

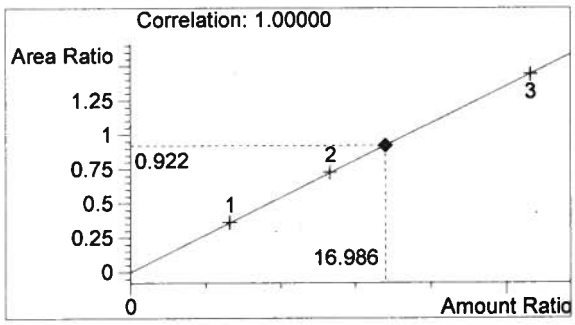
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/28/2013 7:30:01 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

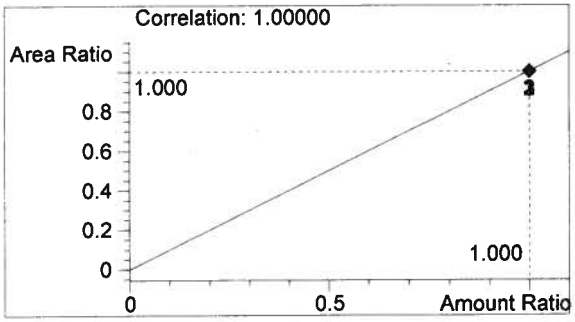
Sample Name: 0.20 CTRL BB
Operator: Brittany Ball
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2287	1.042
2	n-Propanol	2480	1.708



Ethanol 0.204 g/100mL



n-Propanol 0.012 g/100mL

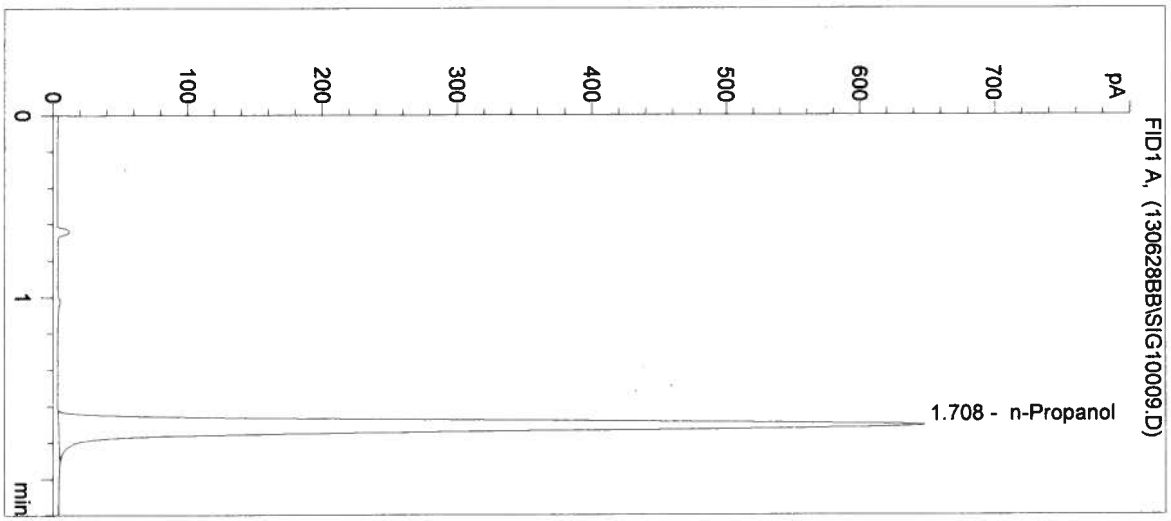
13027

Data File: C:\HPCHEM\1\DATA\130628BB\SIG10008.D

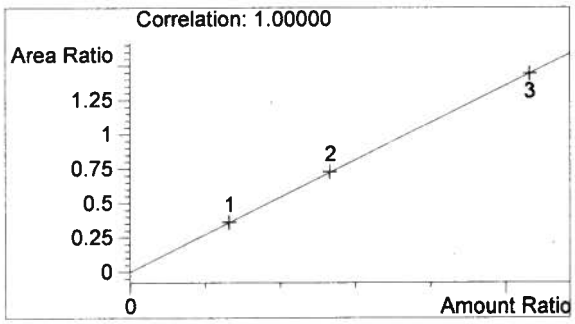
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/28/2013 7:33:06 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

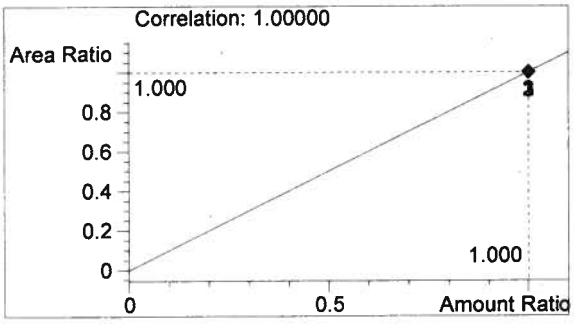
Sample Name: NEG CTRL BB
Operator: Brittany Ball
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2568	1.708



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

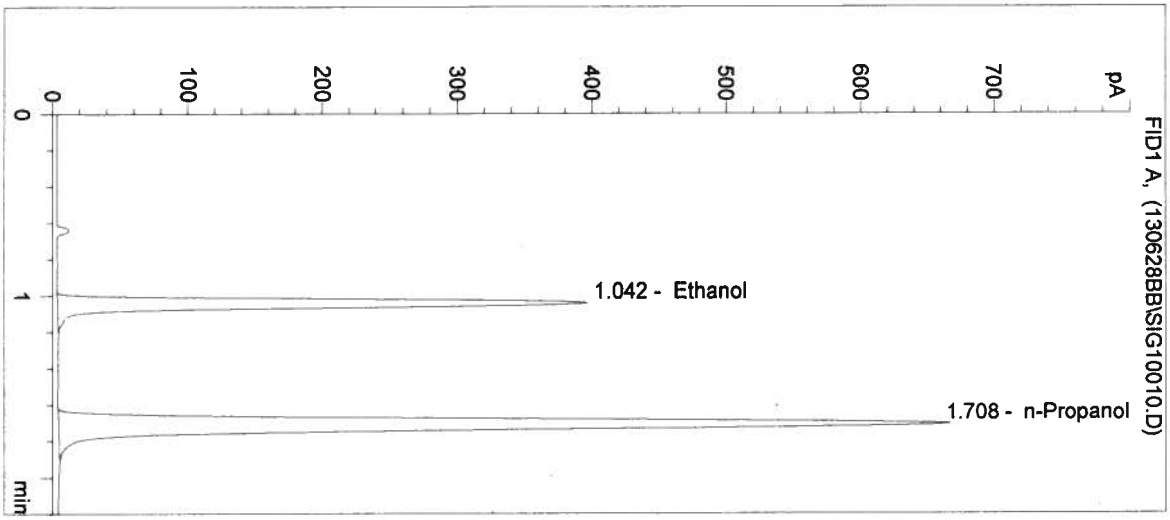
13027

BB

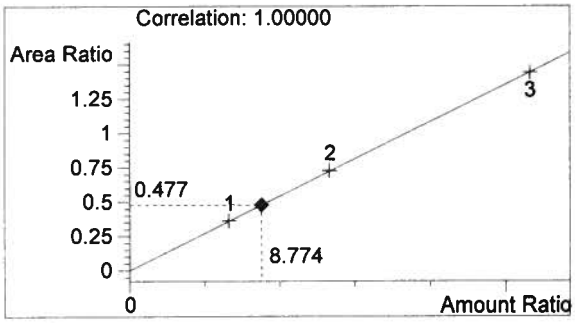
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/28/2013 7:36:11 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

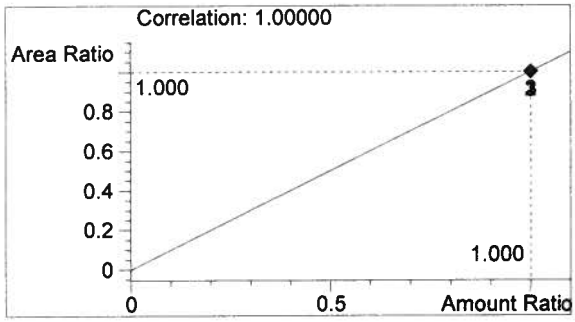
Sample Name: 13027-1
Operator: Brittany Ball
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1261	1.042
2	n-Propanol	2644	1.708



Ethanol 0.105 g/100mL



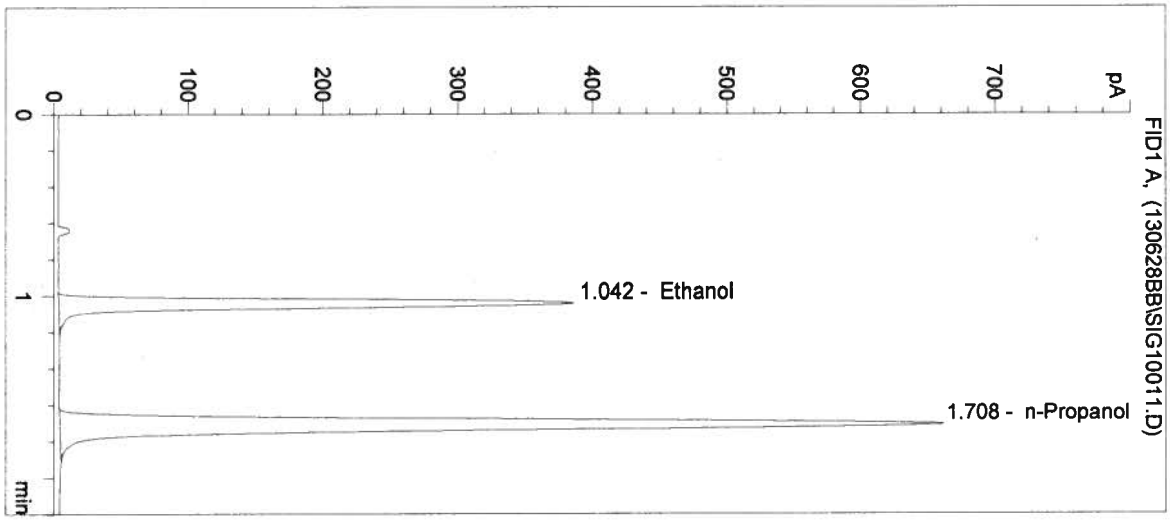
n-Propanol 0.012 g/100mL

BB

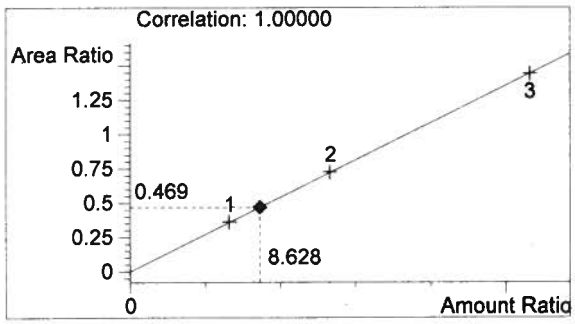
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/28/2013 7:39:16 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

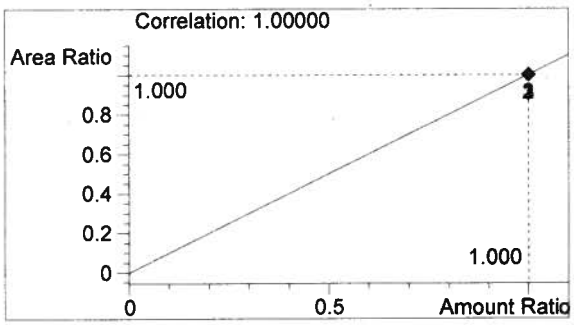
Sample Name: 13027-2
Operator: Brittany Ball
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1233	1.042
2	n-Propanol	2628	1.708



Ethanol 0.104 g/100mL



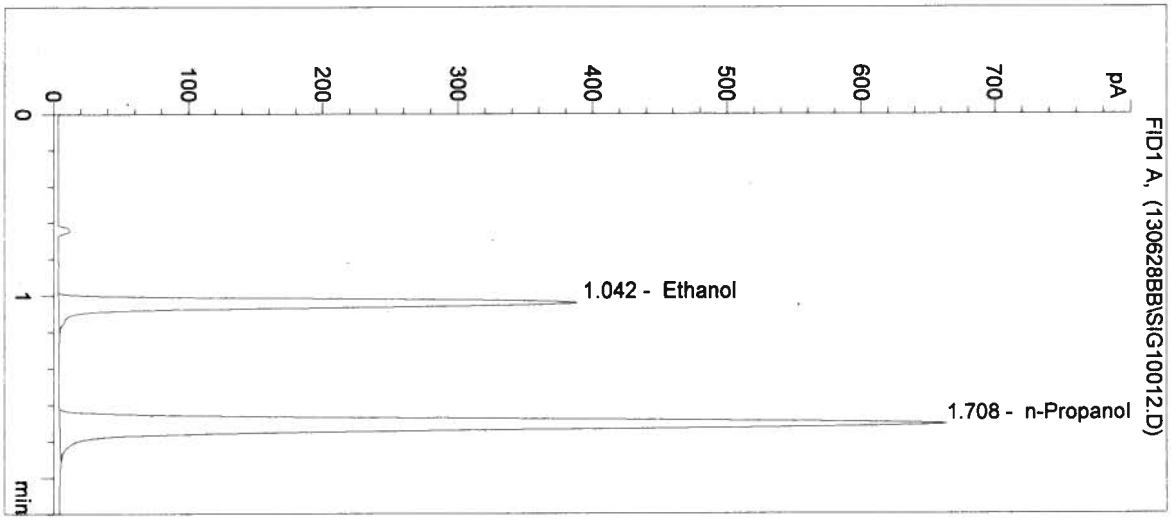
n-Propanol 0.012 g/100mL

BB

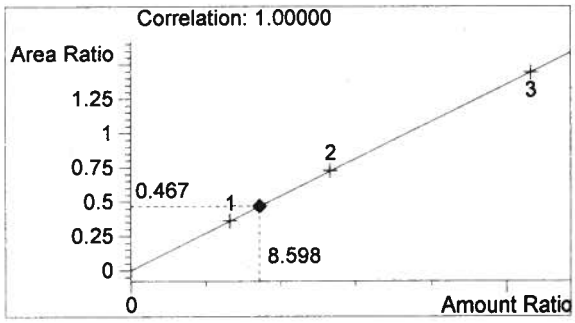
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/28/2013 7:42:20 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

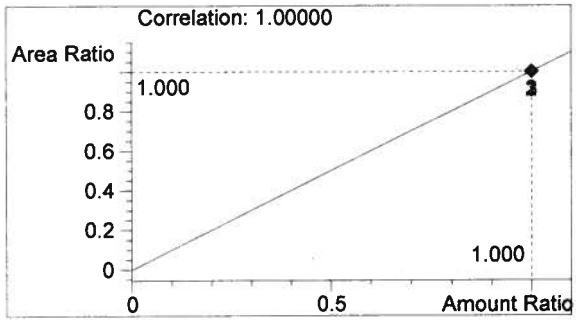
Sample Name: 13027-3
Operator: Brittany Ball
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1231	1.042
2	n-Propanol	2633	1.708



Ethanol 0.103 g/100mL



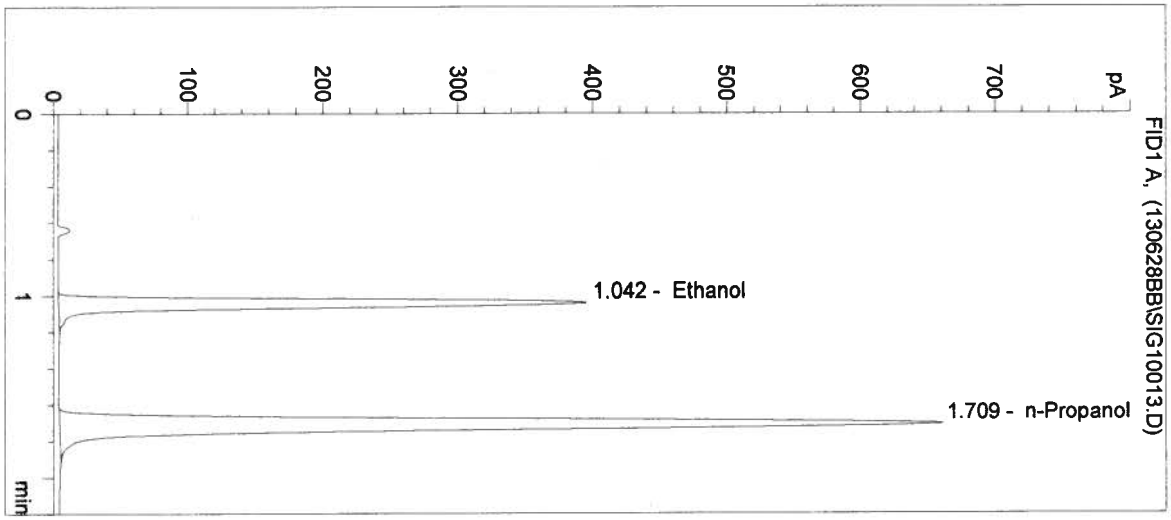
n-Propanol 0.012 g/100mL

BB

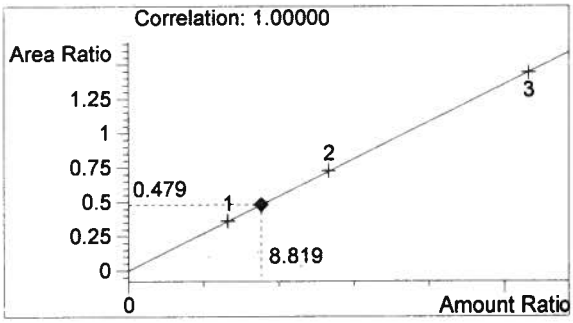
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/28/2013 7:45:25 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

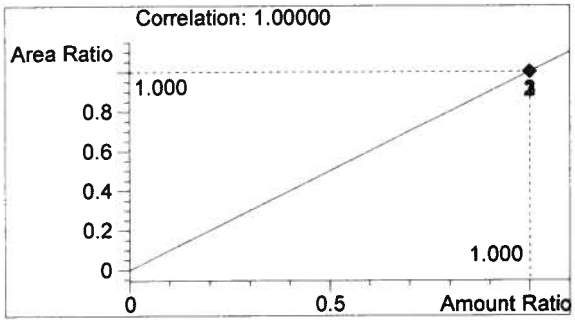
Sample Name: 13027-4
Operator: Brittany Ball
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1258	1.042
2	n-Propanol	2624	1.709



Ethanol 0.106 g/100mL

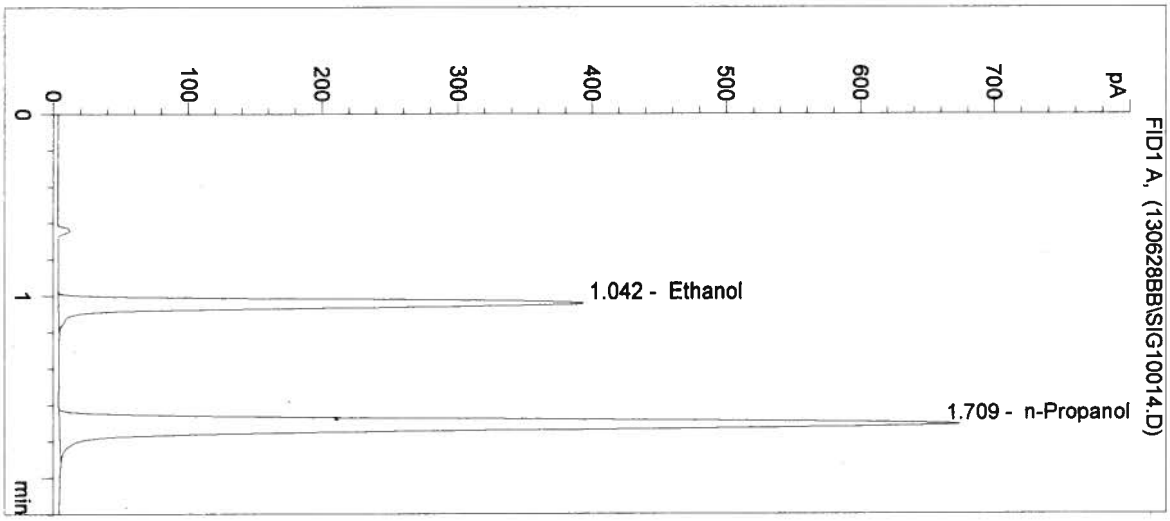


n-Propanol 0.012 g/100mL

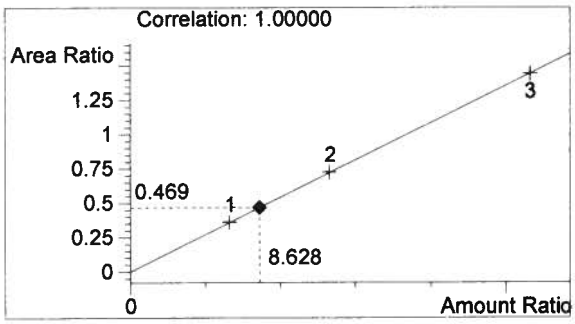
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/28/2013 7:48:30 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

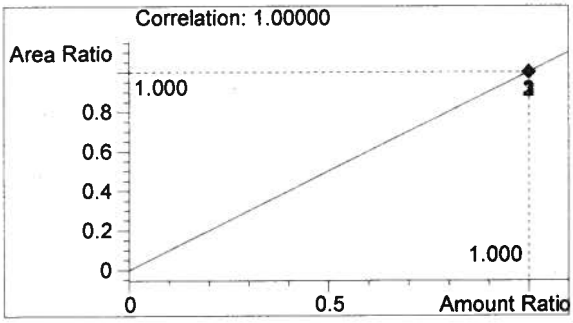
Sample Name: 13027-5
Operator: Brittany Ball
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1256	1.042
2	n-Propanol	2678	1.709



Ethanol 0.104 g/100mL



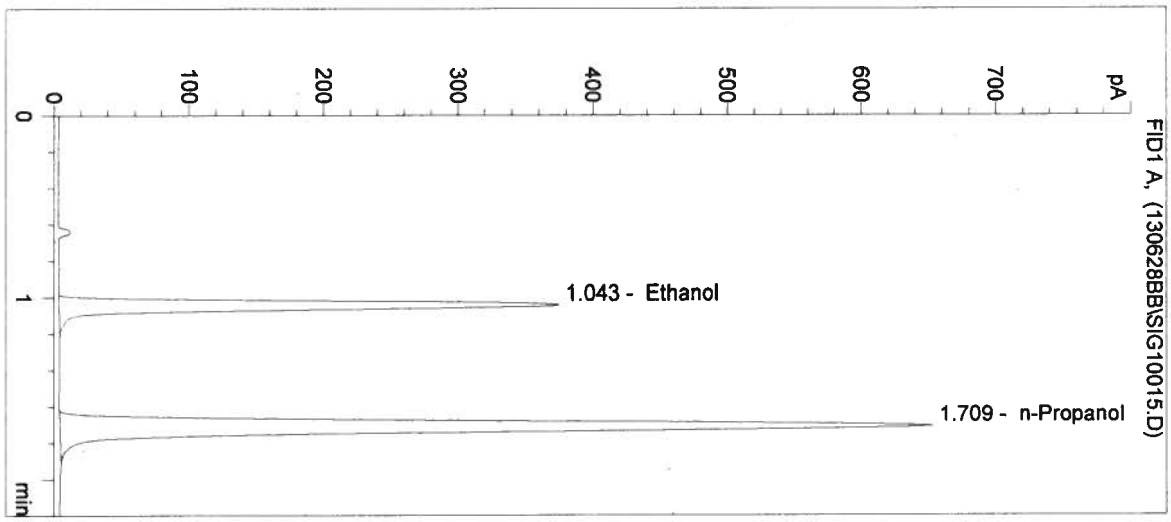
n-Propanol 0.012 g/100mL

BB

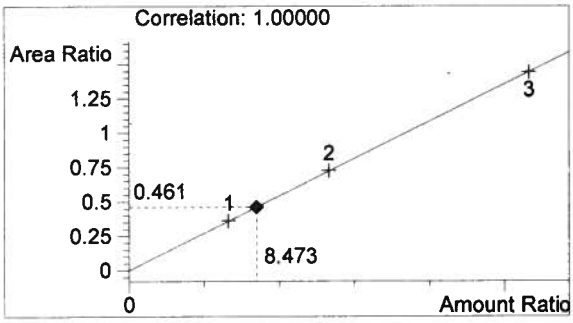
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/28/2013 7:51:35 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

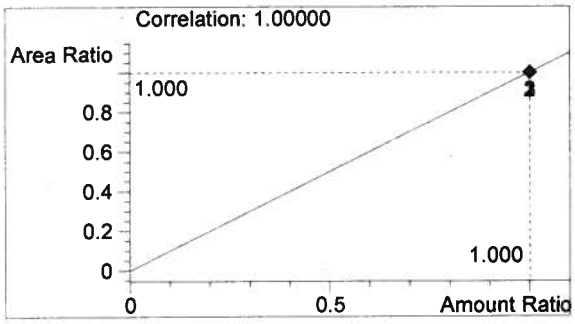
Sample Name: 0.10 CTRL BB
Operator: Brittany Ball
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1195	1.043
2	n-Propanol	2594	1.709



Ethanol 0.102 g/100mL



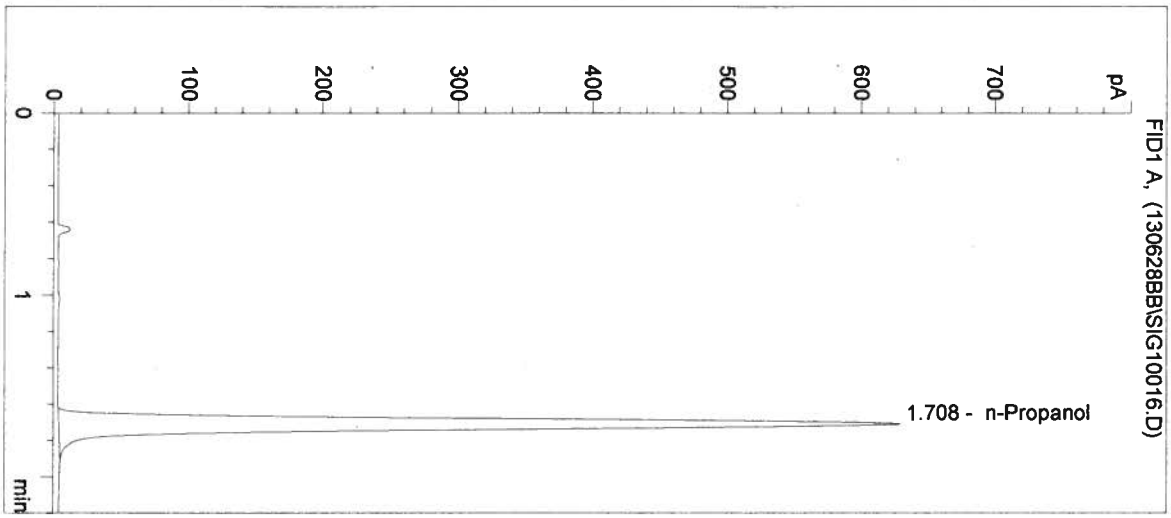
n-Propanol 0.012 g/100mL

13027

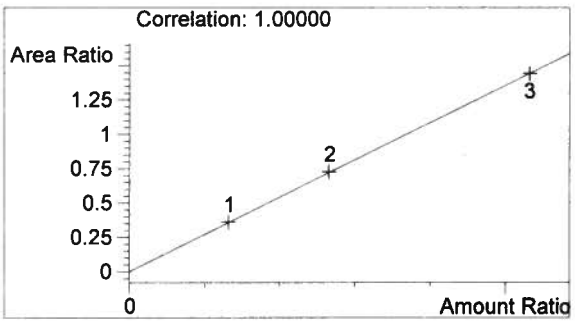
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/28/2013 7:54:39 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

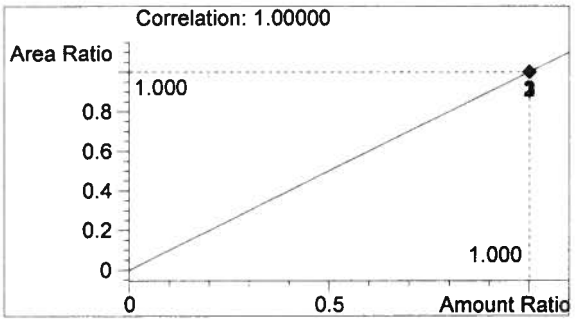
Sample Name: NEG CTRL BB
Operator: Brittany Ball
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2498	1.708



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13027

BB

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

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:	130701CJ
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0213-01 - Exp. 08/20/13
Ethanol Calibrator 2, E0213-02 - Exp. 08/20/13
Ethanol Calibrator 3, E0213-03 - Exp. 08/20/13

0.04 Control - Lot #A088613 - Exp. 09/2016
0.10 Control - Lot #A090924 - Exp. 01/2017
0.20 Control - Lot #A093219 - Exp. 05/2017

ISTD Lot#P0513 - Exp. 08/02/2013

Sequence Table (Front Injector):

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 13027 #1	SIMALC1	1	Sample		
11	Vial 11	ESS 13027 #2	SIMALC1	1	Sample		
12	Vial 12	ESS 13027 #3	SIMALC1	1	Sample		
13	Vial 13	ESS 13027 #4	SIMALC1	1	Sample		
14	Vial 14	ESS 13027 #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		

E13027

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	

CJ

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

Sequence Table (Back Injector):

No entries - empty table!

13027

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

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Calibration Table

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Calib. Data Modified : Monday, July 01, 2013 1:44:04 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	7.93800e-2	954.18616	8.31913e-5	1		Ethanol
			2	1.59660e-1	1935.87756	8.24742e-5			
			3	3.19080e-1	3424.84058	9.31664e-5			
1.706	1		1	1.20000e-2	2705.04565	4.43615e-6	I1		n-Propanol
			2	1.20000e-2	2671.18921	4.49238e-6			
			3	1.20000e-2	2418.38867	4.96198e-6			

1 Warnings or Errors :

Error : Calibration compound(s) missing

==========

Peak Sum Table

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13027

No Entries in table

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CJ

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Calibration Curves

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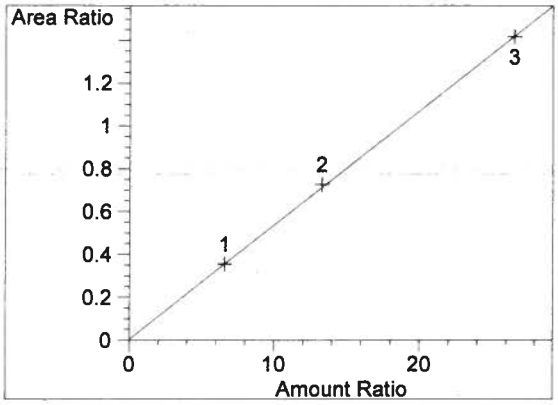
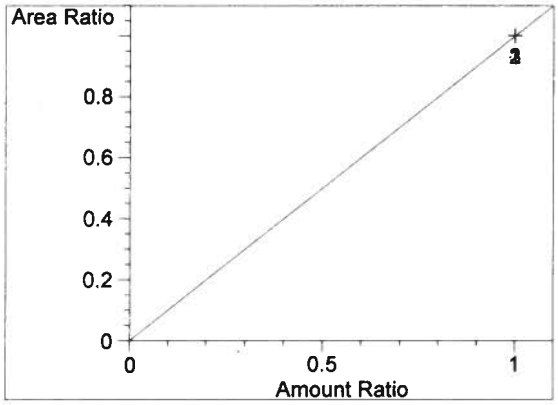


Ethanol at exp. RT: 1.041
FID1 A,
Correlation: 0.99991
Residual Std. Dev.: 0.00974
Formula: y = mx + b
m: 5.33236e-2
b: 3.38865e-3
x: Amount Ratio
y: Area Ratio



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

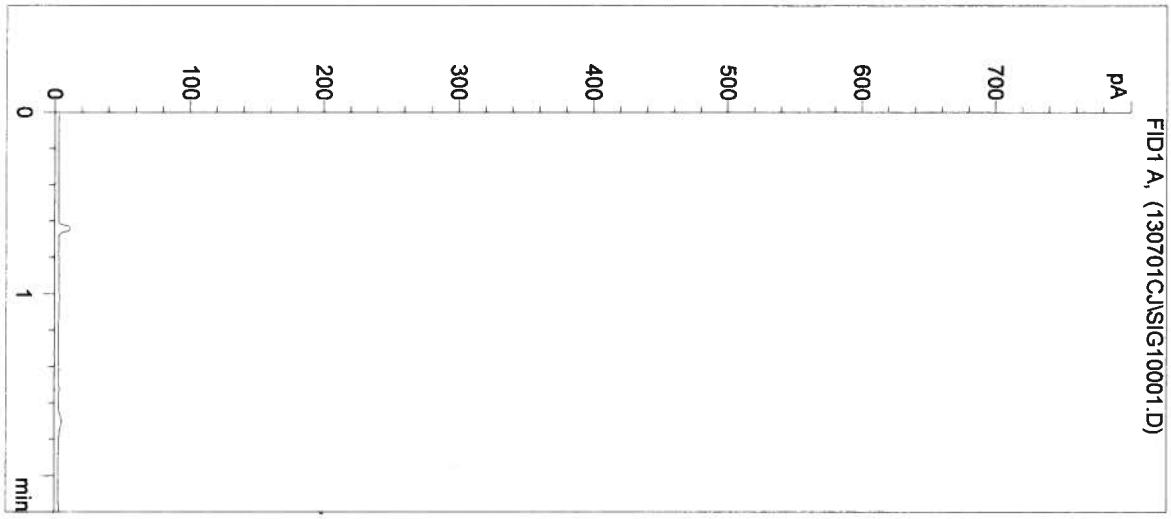
==========

13027

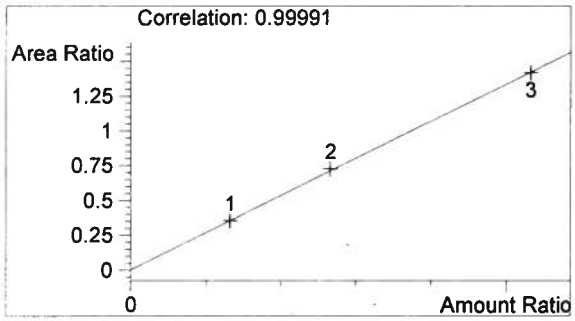
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/1/2013 1:32:37 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

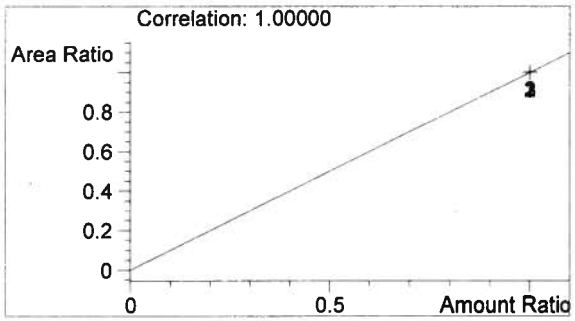
Sample Name: BLANK-CJ
Operator: Chris Johnston
Location: Vial 1



#	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

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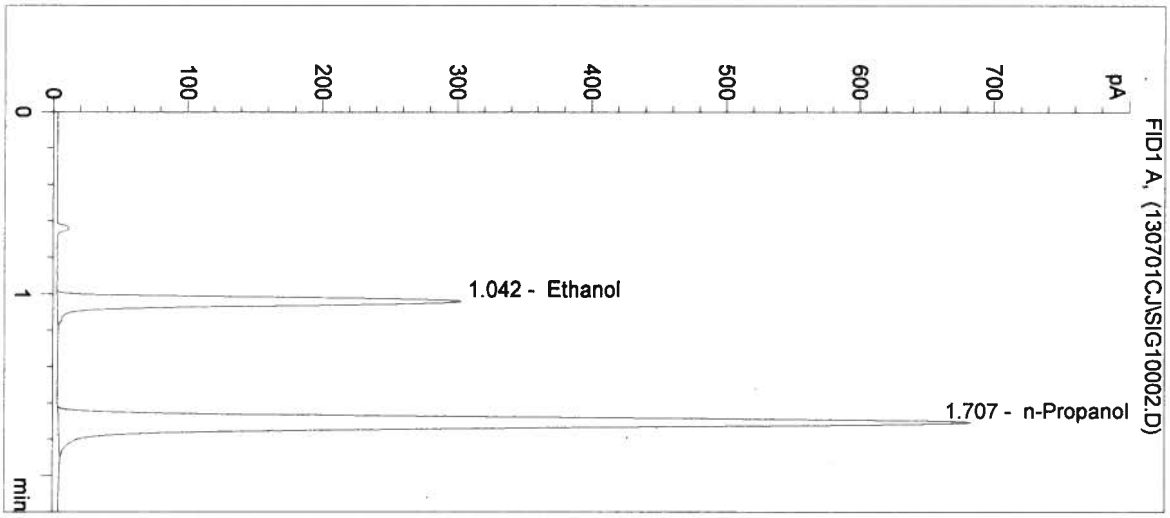
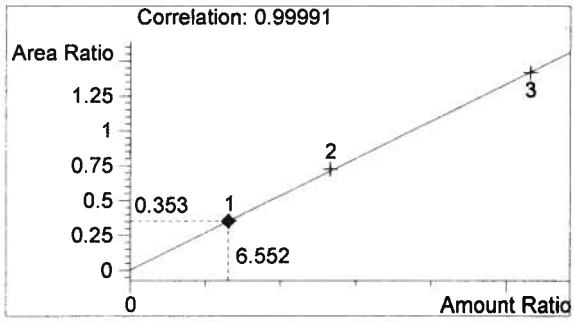
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/1/2013 1:35:42 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

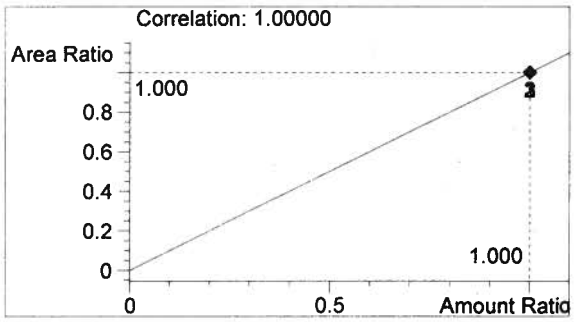
Sample Name: 0.079 CAL 1
Operator: Chris Johnston
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	954	1.042
2	n-Propanol	2705	1.707



Ethanol 0.079 g/100mL



n-Propanol 0.012 g/100mL

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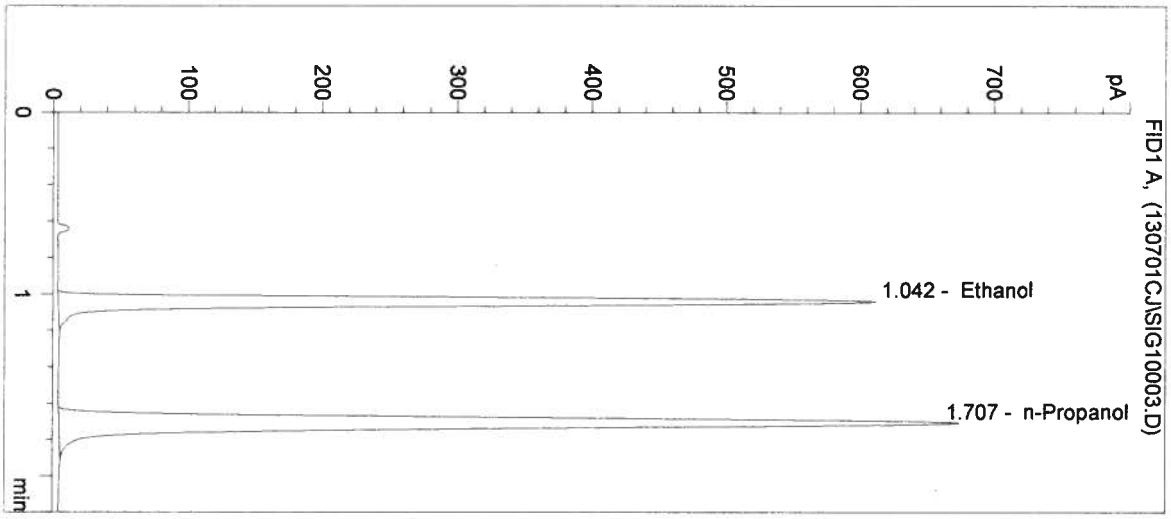
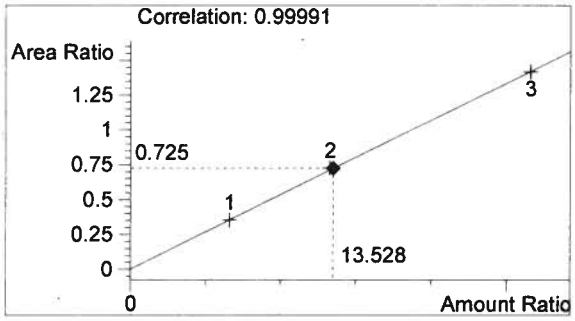
Inj. Date: 7/1/2013 1:38:47 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

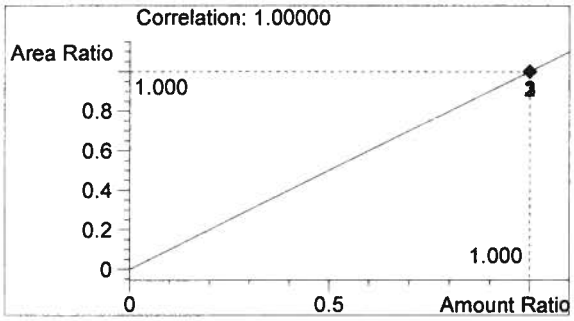
Sample Name: 0.158 CAL 2
Operator: Chris Johnston
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1936	1.042
2	n-Propanol	2671	1.707



Ethanol 0.162 g/100mL



n-Propanol 0.012 g/100mL

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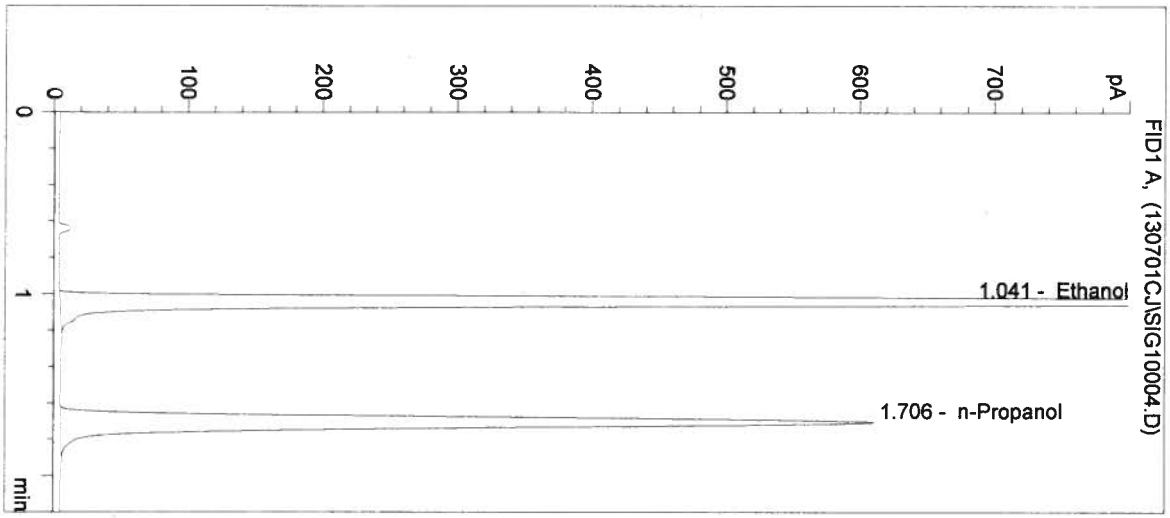
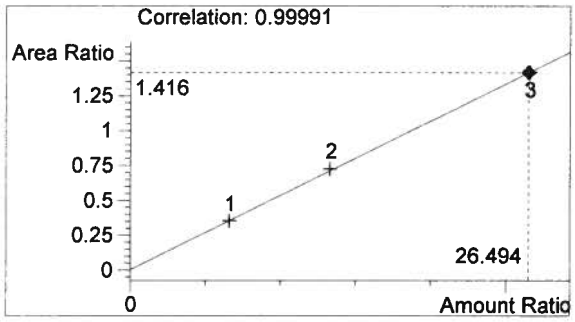
Inj. Date: 7/1/2013 1:41:51 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

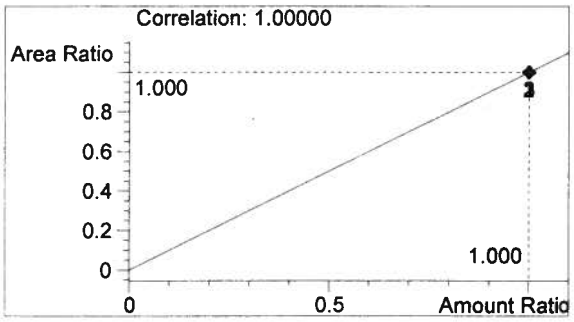
Sample Name: 0.316 CAL 3
Operator: Chris Johnston
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3425	1.041
2	n-Propanol	2418	1.706



Ethanol 0.318 g/100mL



n-Propanol 0.012 g/100mL

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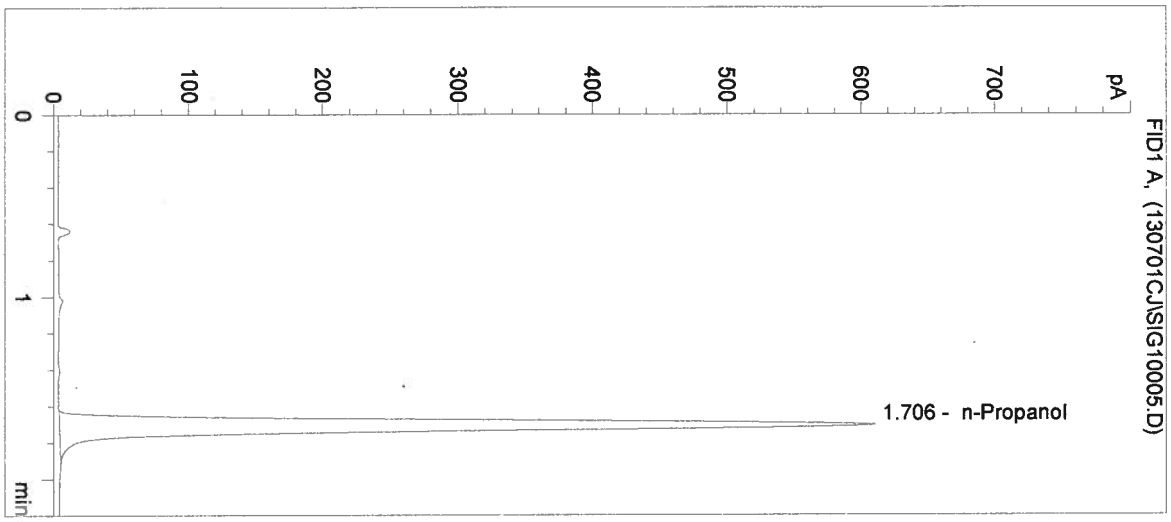
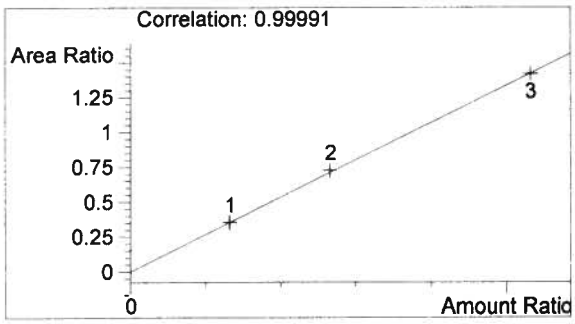
Inj. Date: 7/1/2013 1:44:56 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

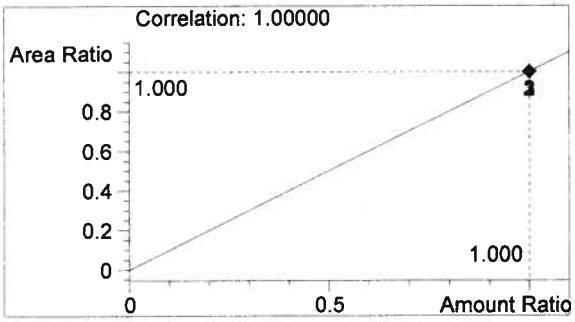
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2424	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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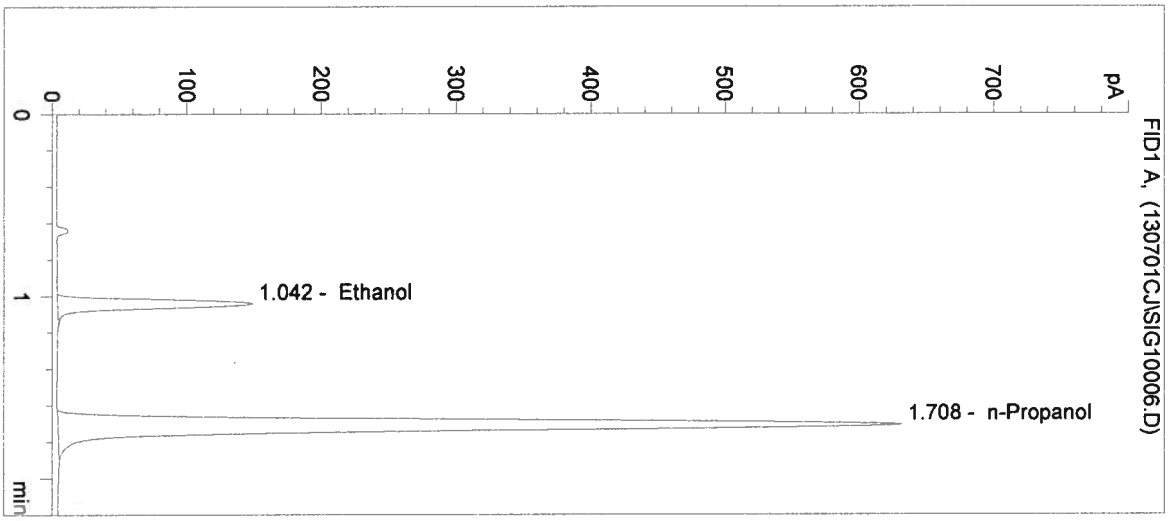
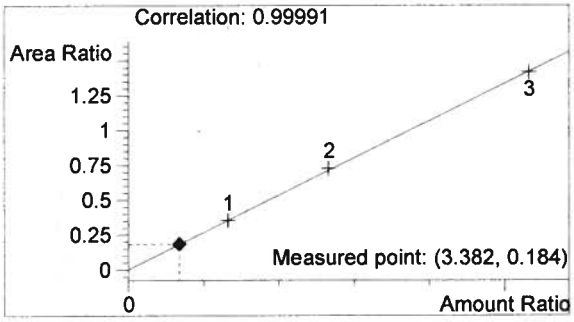
Inj. Date: 7/1/2013 1:48:01 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

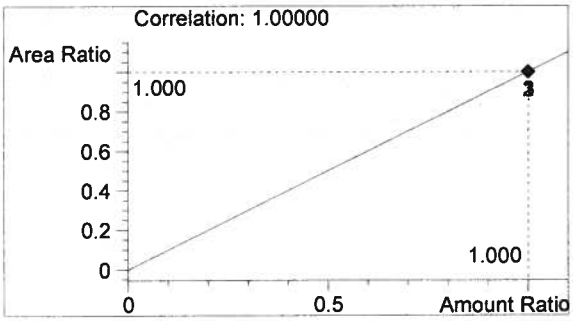
Sample Name: 0.04 CTRL-CJ
Operator: Chris Johnston
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	459	1.042
2	n-Propanol	2496	1.708



Ethanol 0.041 g/100mL



n-Propanol 0.012 g/100mL

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W

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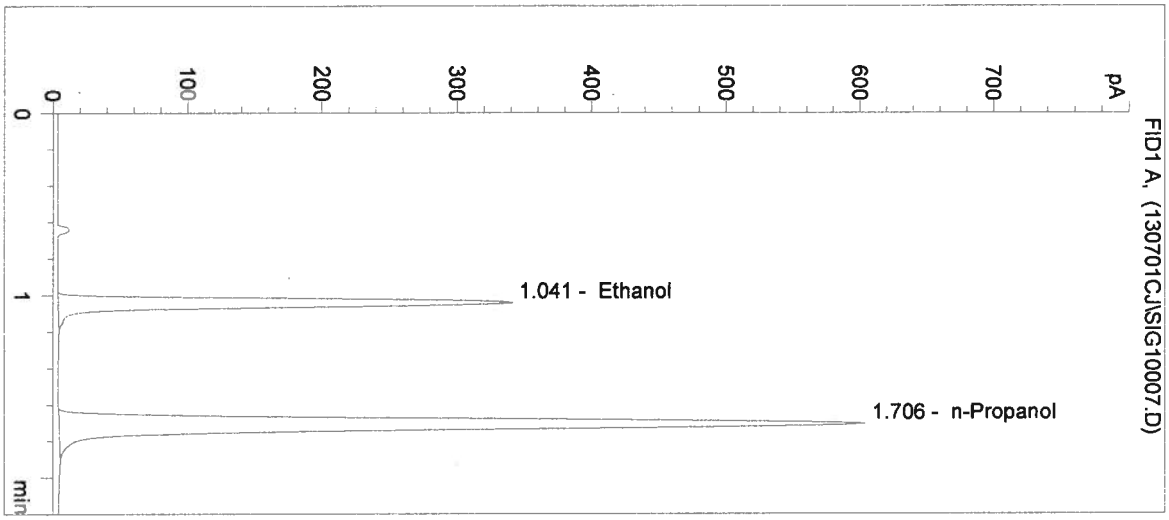
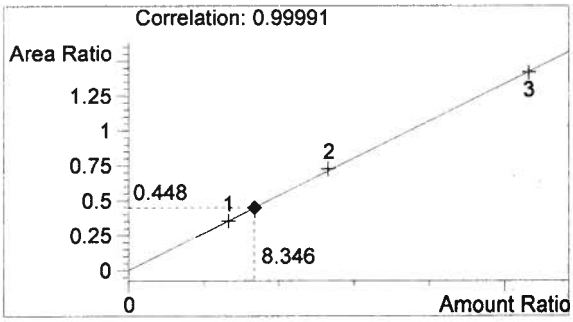
Inj. Date: 7/1/2013 1:51:05 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

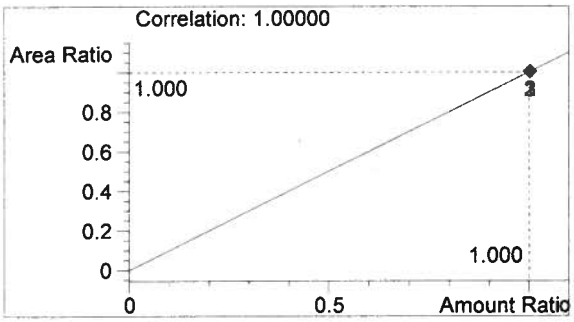
Sample Name: 0.10 CTRL-CJ
Operator: Chris Johnston
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1071	1.041
2	n-Propanol	2388	1.706



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

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CJ

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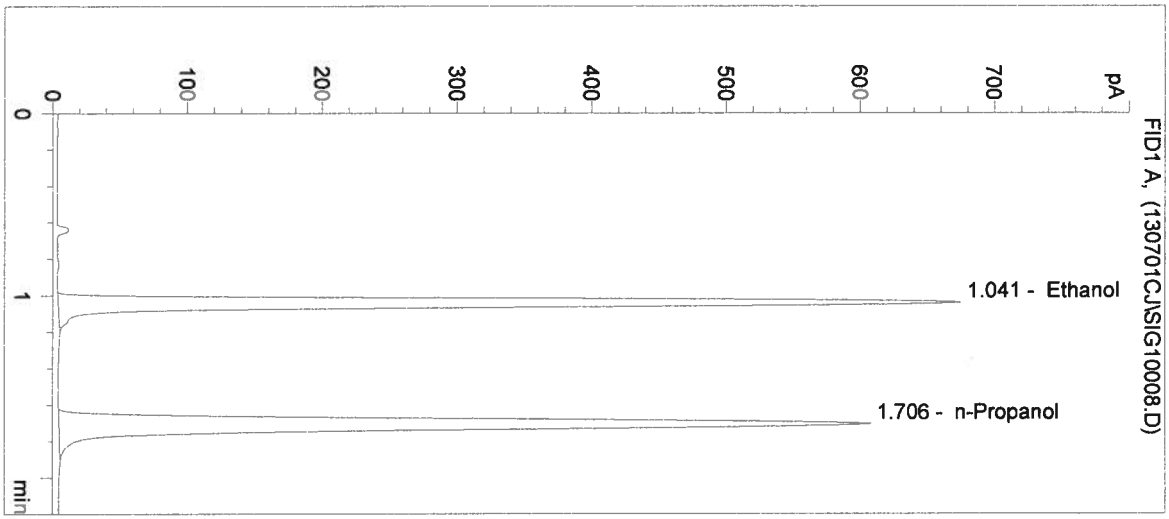
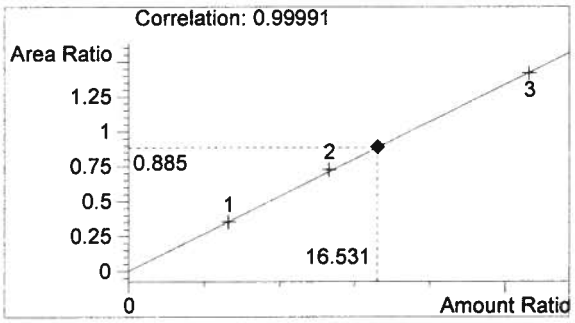
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/1/2013 1:54:10 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

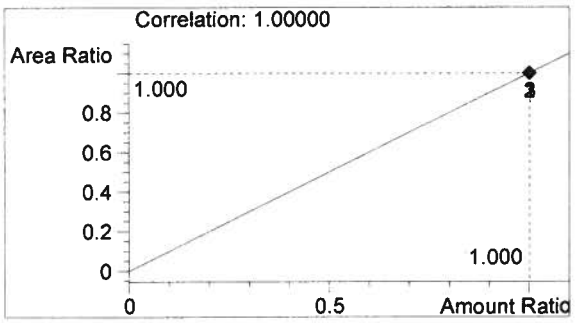
Sample Name: 0.20 CTRL-CJ
Operator: Chris Johnston
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2133	1.041
2	n-Propanol	2410	1.706



Ethanol 0.198 g/100mL



n-Propanol 0.012 g/100mL

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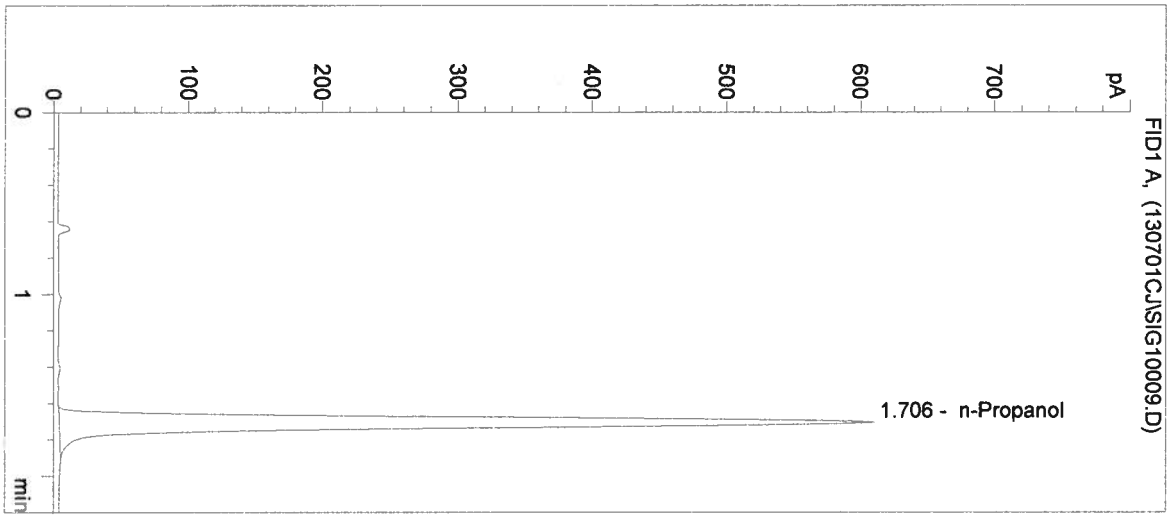
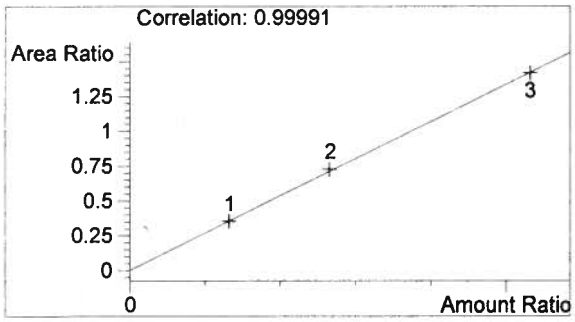
Inj. Date: 7/1/2013 1:57:15 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

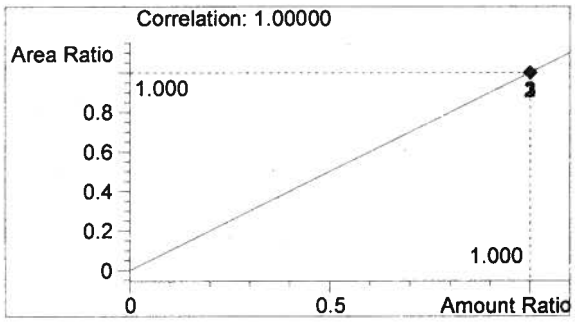
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2417	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13027

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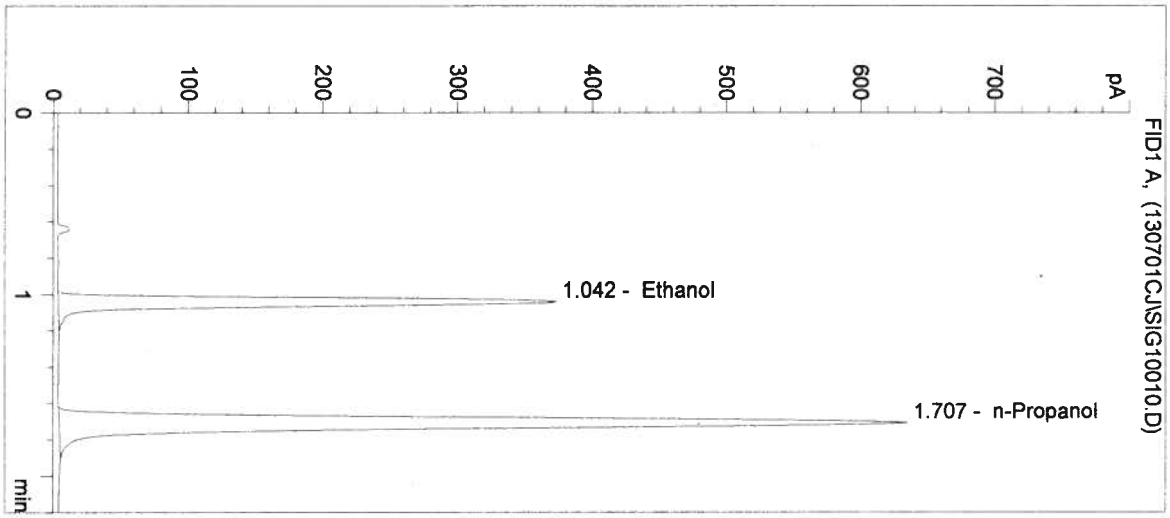
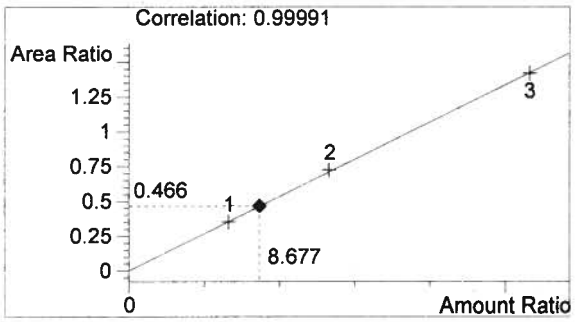
Inj. Date: 7/1/2013 2:00:20 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

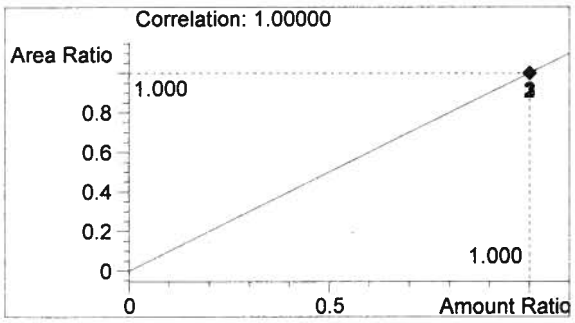
Sample Name: ESS 13027 #1
Operator: Chris Johnston
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1171	1.042
2	n-Propanol	2513	1.707



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

CJ

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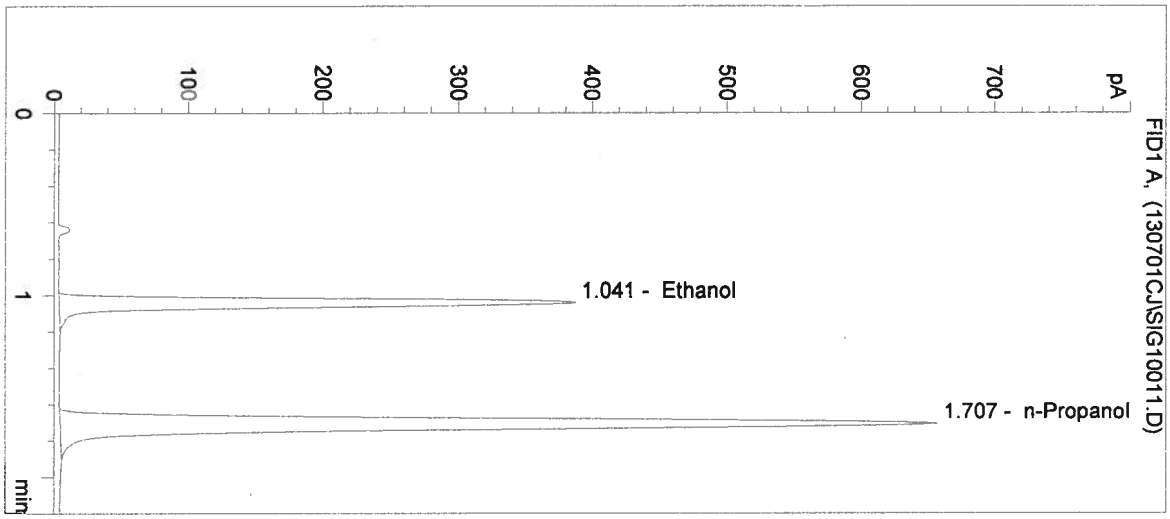
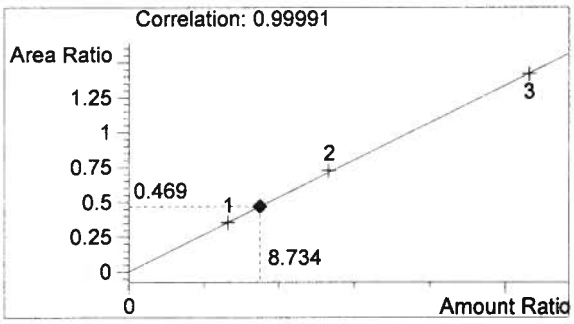
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/1/2013 2:03:24 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

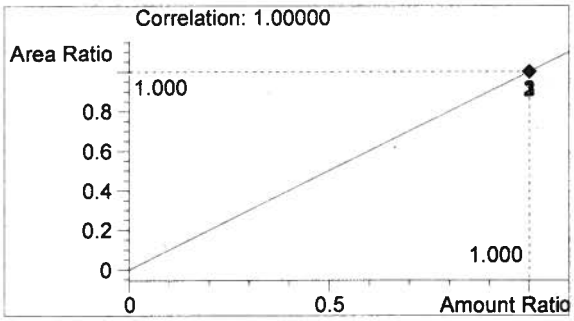
Sample Name: ESS 13027 #2
Operator: Chris Johnston
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1223	1.041
2	n-Propanol	2608	1.707



Ethanol 0.105 g/100mL



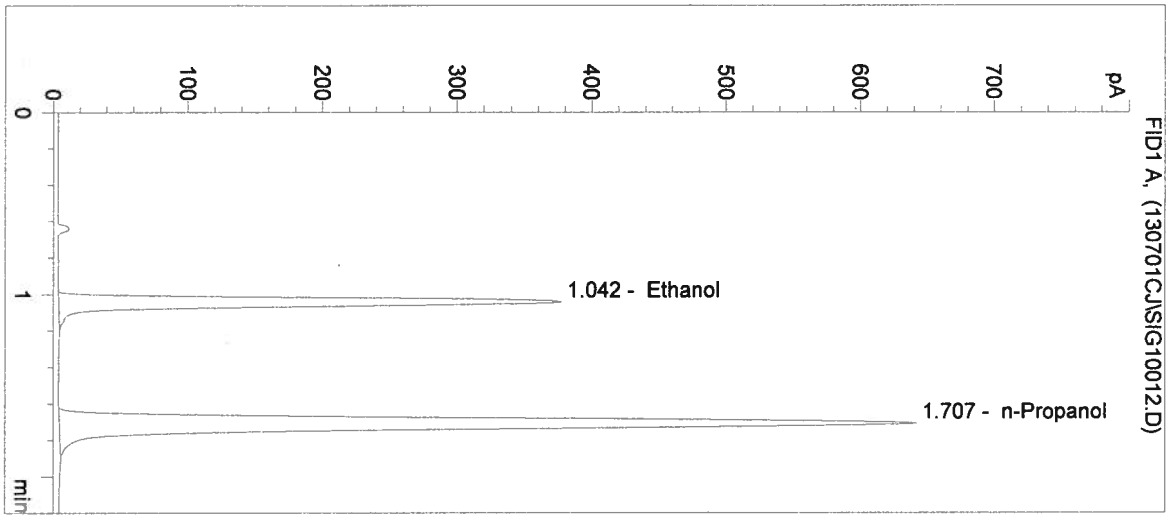
n-Propanol 0.012 g/100mL

a)

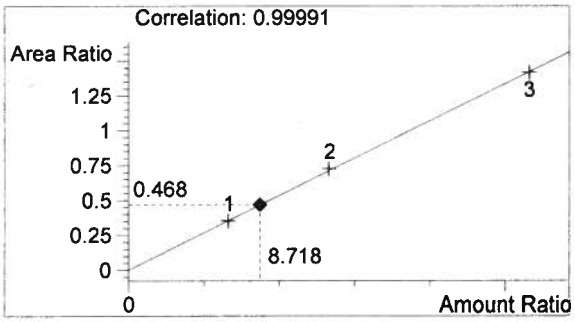
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/1/2013 2:06:29 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

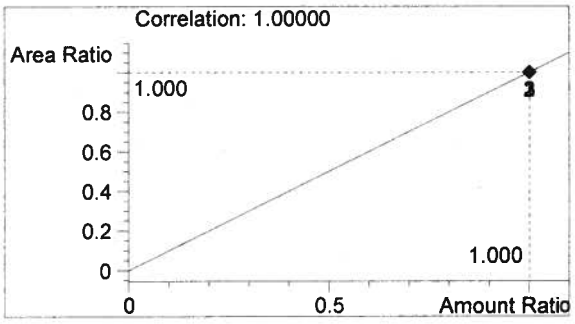
Sample Name: ESS 13027 #3
Operator: Chris Johnston
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1192	1.042
2	n-Propanol	2544	1.707



Ethanol 0.105 g/100mL



n-Propanol 0.012 g/100mL

W

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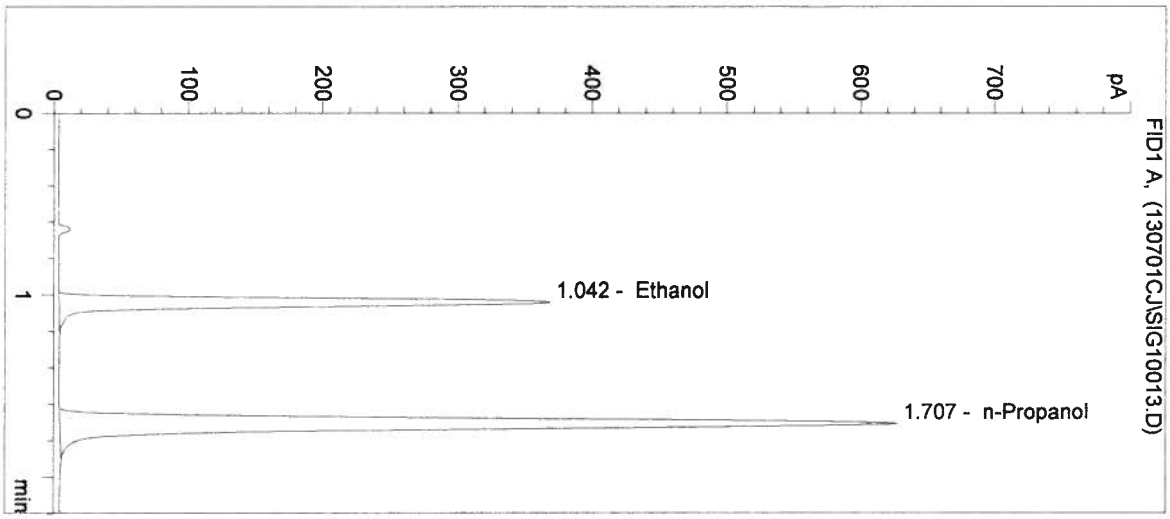
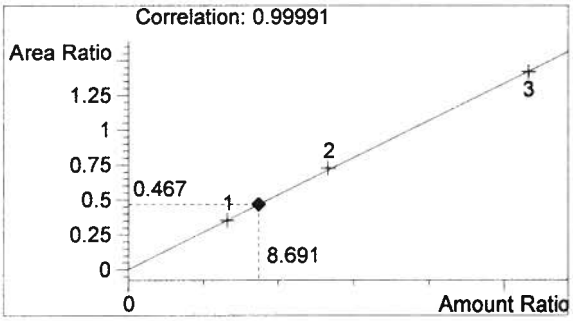
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/1/2013 2:09:34 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

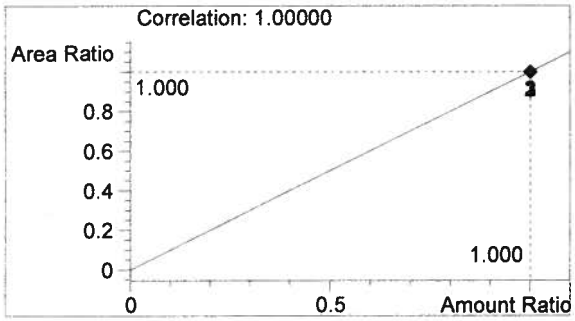
Sample Name: ESS 13027 #4
Operator: Chris Johnston
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1157	1.042
2	n-Propanol	2478	1.707



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

CJ

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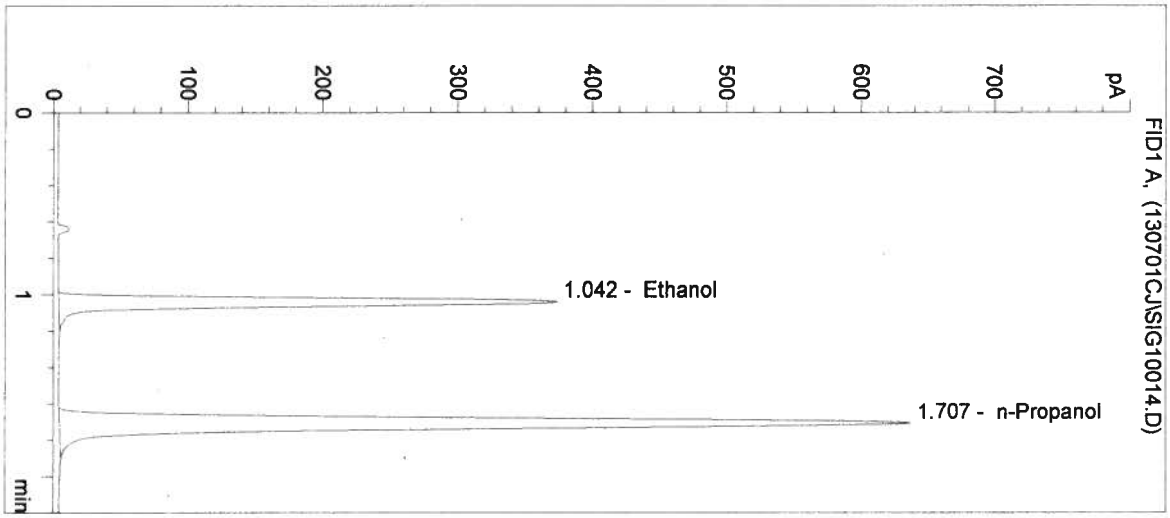
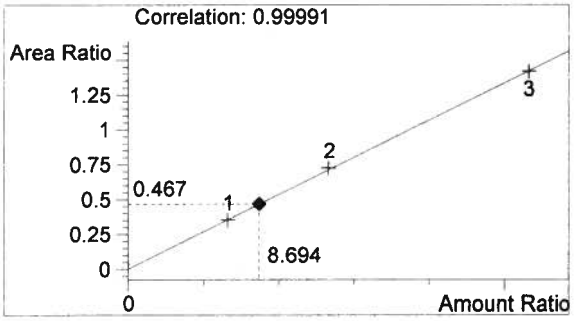
Inj. Date: 7/1/2013 2:12:39 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

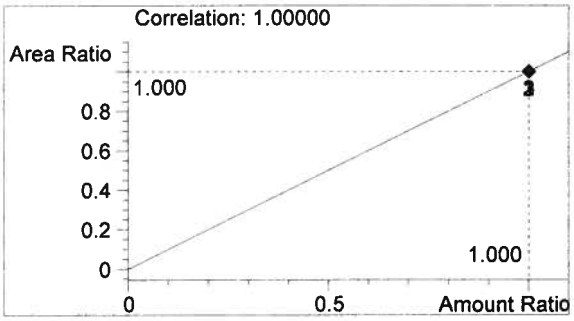
Sample Name: ESS 13027 #5
Operator: Chris Johnston
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1178	1.042
2	n-Propanol	2522	1.707



Ethanol 0.104 g/100mL



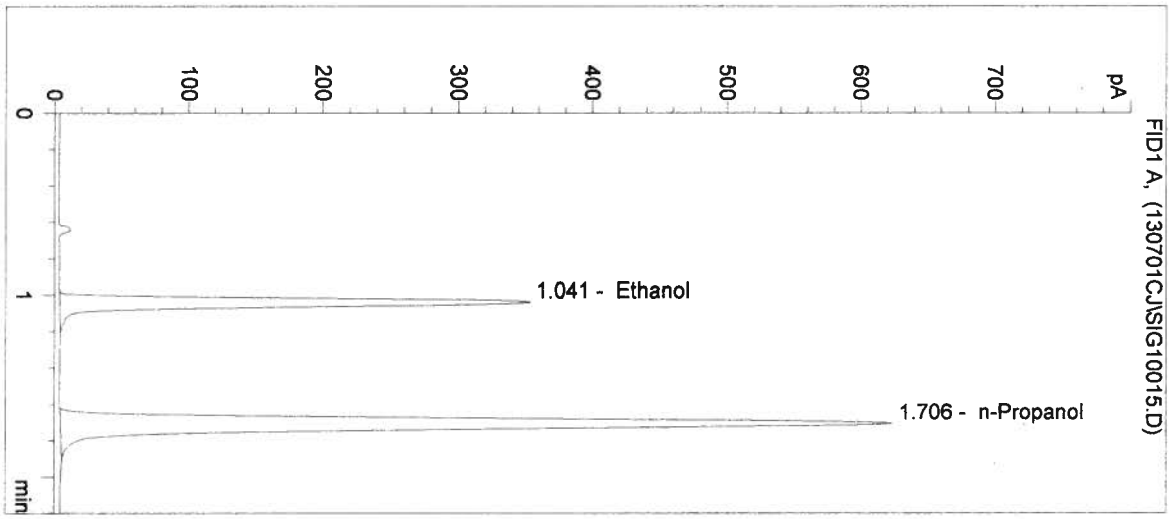
n-Propanol 0.012 g/100mL

CJ

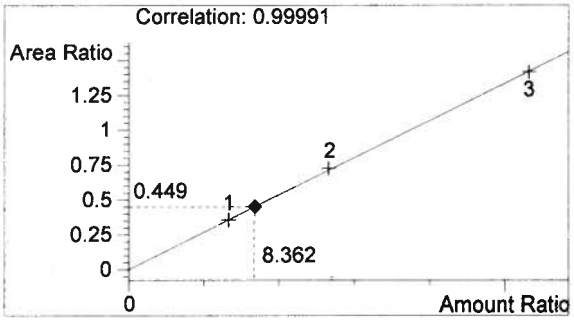
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/1/2013 2:15:43 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

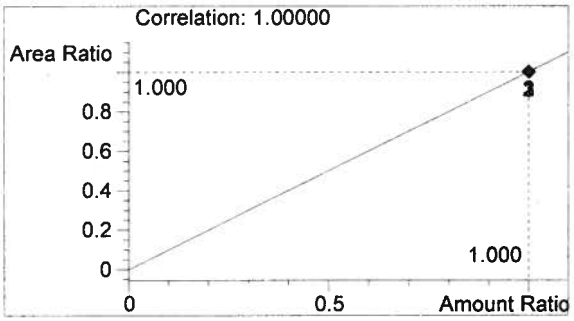
Sample Name: 0.10 CTRL-CJ
Operator: Chris Johnston
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1108	1.041
2	n-Propanol	2466	1.706



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

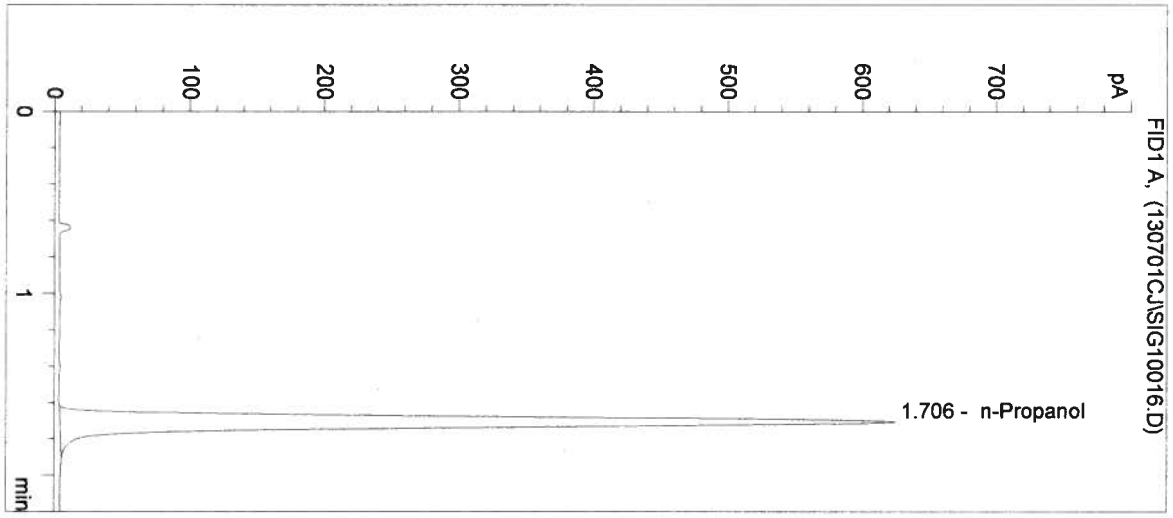
13027

cd

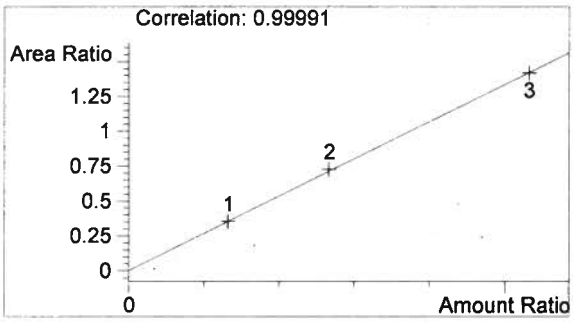
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/1/2013 2:18:48 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

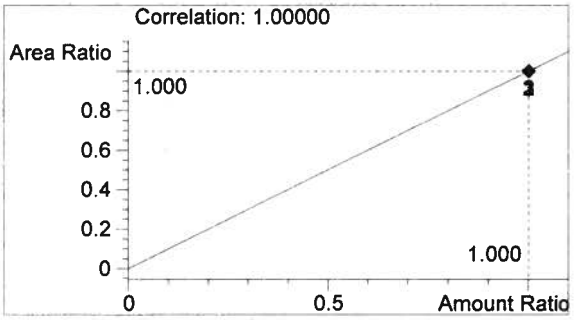
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2474	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13027

CJ

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:	130702AL
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
cal 1 e0213-01 exp 08/20/2013
cal 2 e0213-02 exp 08/20/2013
cal 3 e0213-03 exp 08/20/2013
0.04 control lot# a088613 exp 09/2016
0.10 control lot# a090924 exp 01/2017
0.20 control lot# a093219 exp 05/2017
istd p0513

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	13027 #1	SIMALC1	1	Sample		
11	Vial 11	13027 #2	SIMALC1	1	Sample		
12	Vial 12	13027 #3	SIMALC1	1	Sample		
13	Vial 13	13027 #4	SIMALC1	1	Sample		
14	Vial 14	13027 #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		

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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!

13027

ESS 13027
RATA 130702 AL

AL

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

Calibration Table

Calib. Data Modified : Tuesday, July 02, 2013 8:53:56 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
1.043	1	1	7.93800e-2	930.27734	8.53294e-5	1		Ethanol
		2	1.59660e-1	1703.68713	9.37144e-5			
		3	3.19080e-1	3604.87354	8.85135e-5			
1.709	1	1	1.20000e-2	2566.52344	4.67559e-6	I1		n-Propanol
		2	1.20000e-2	2402.23804	4.99534e-6			
		3	1.20000e-2	2517.82788	4.76601e-6			

Peak Sum Table

No Entries in table

ESS 13027
PATA 130702AL

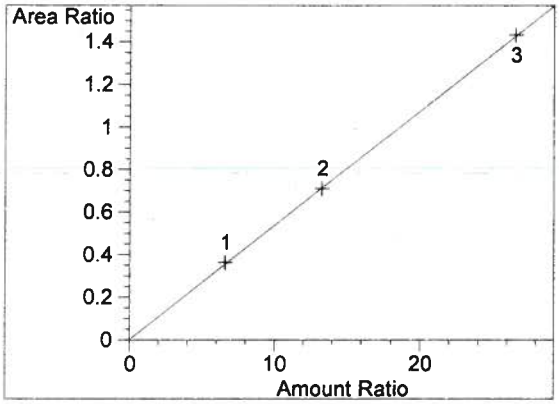
13027

AL

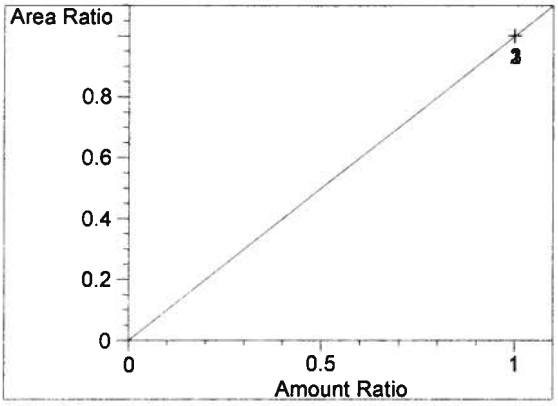
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.043
FID1 A,
Correlation: 0.99996
Residual Std. Dev.: 0.00656
Formula: y = mx + b
m: 5.37325e-2
b: 1.07906e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.709
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

==========

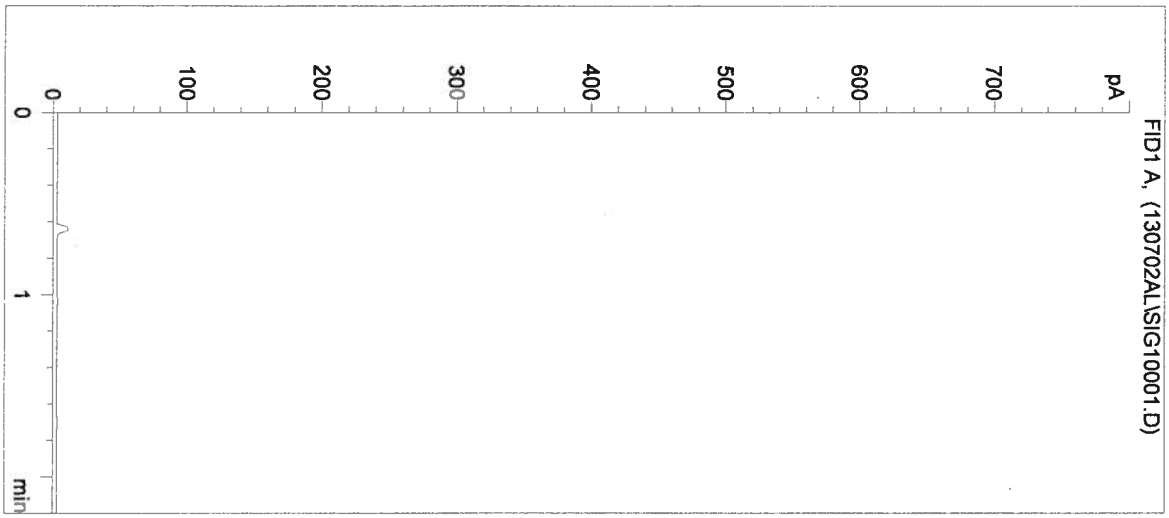
13027

ESS 13027
DATA 13702A

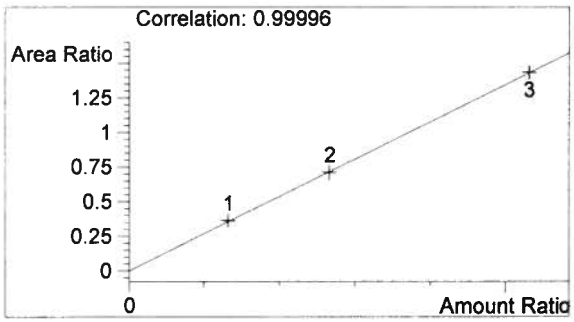
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/2/2013 8:42:29 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

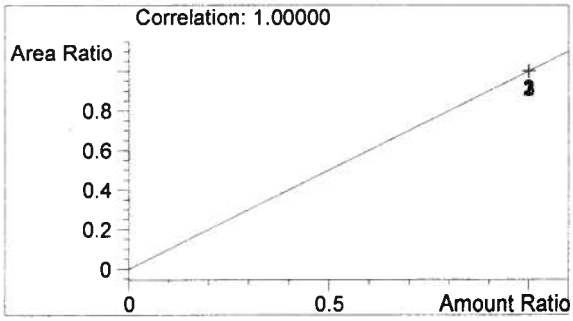
Sample Name: blank
Operator: asa louis
Location: Vial 1



#	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

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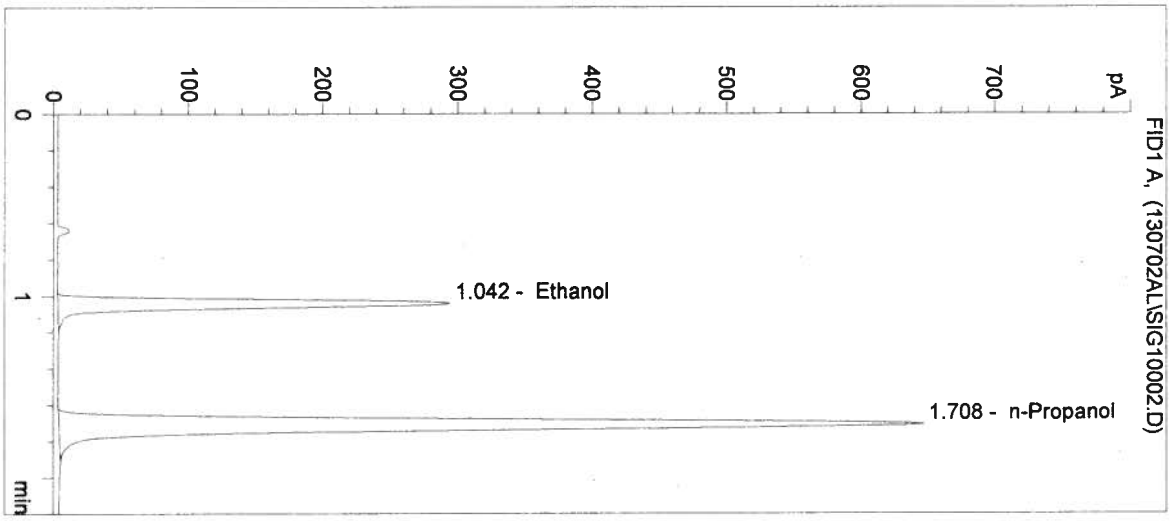
AL

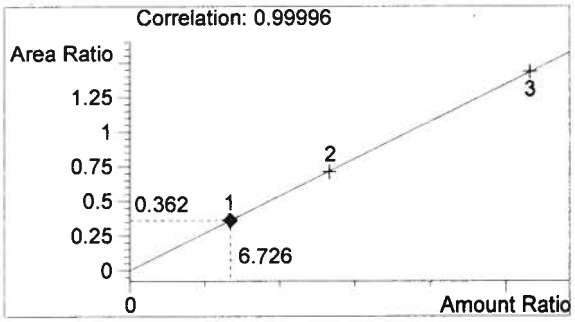
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/2/2013 8:45:33 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

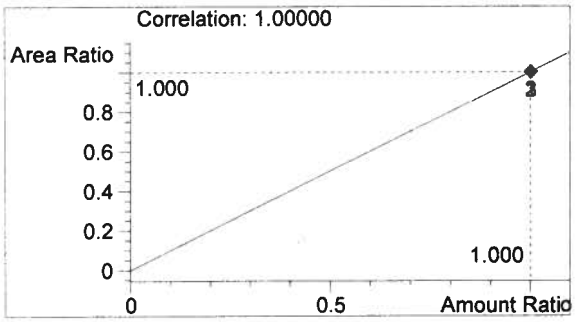
Sample Name: 0.079 cal 1
Operator: asa louis
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	930	1.042
2	n-Propanol	2567	1.708



Ethanol 0.081 g/100mL



n-Propanol 0.012 g/100mL

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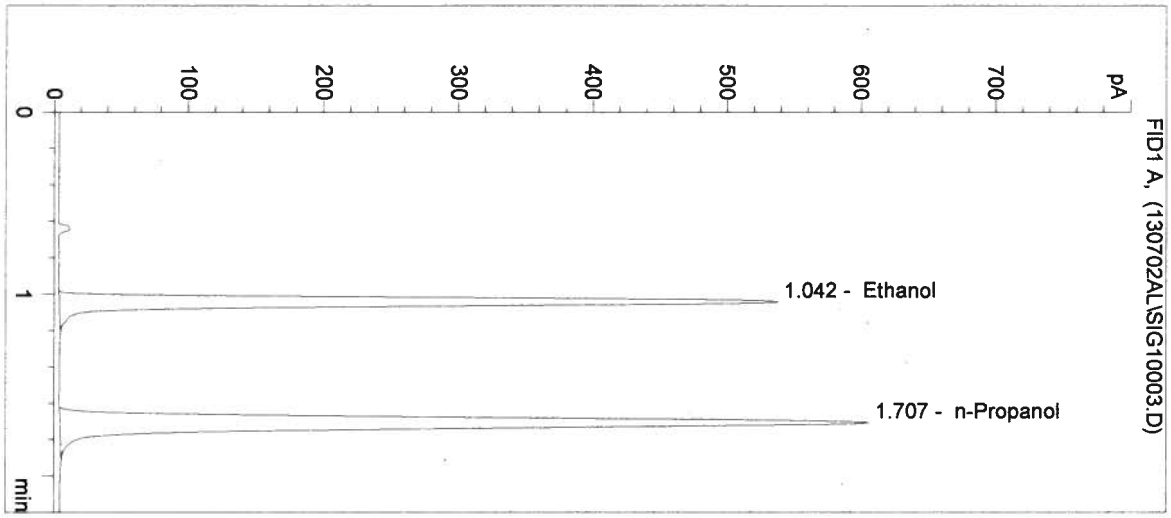
AL

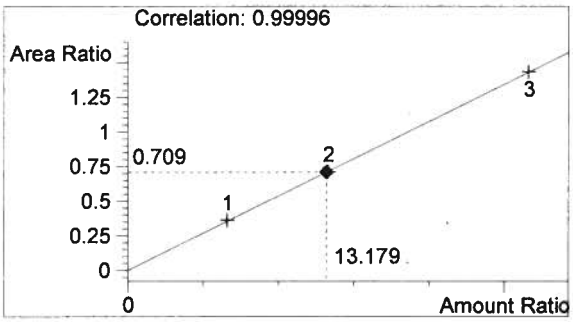
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/2/2013 8:48:38 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

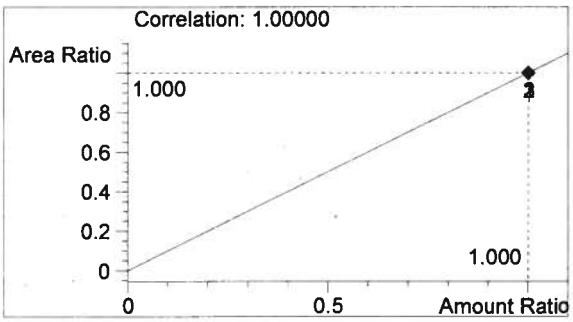
Sample Name: 0.158 cal 2
Operator: asa louis
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1704	1.042
2	n-Propanol	2402	1.707



Ethanol 0.158 g/100mL



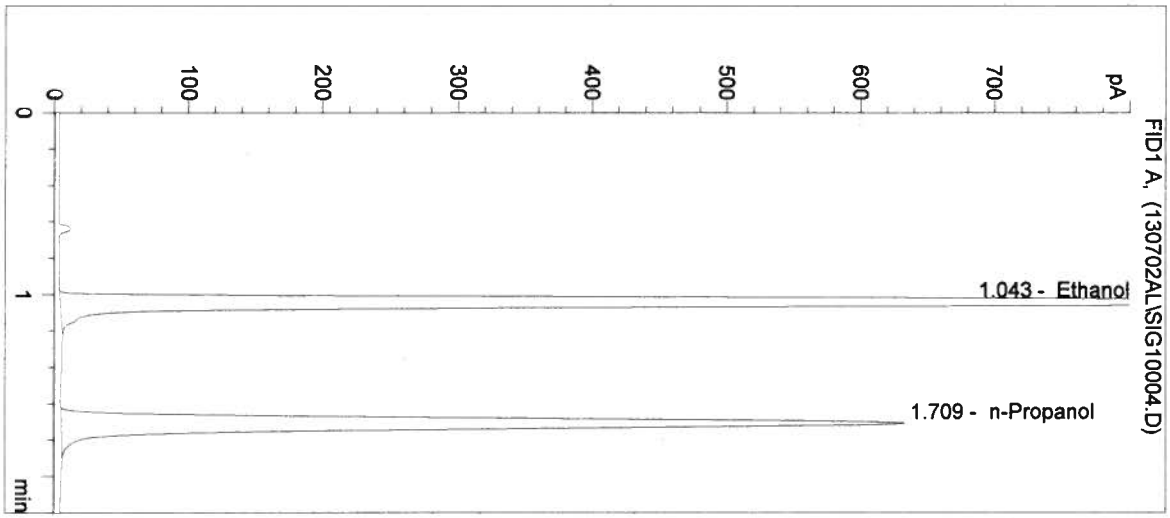
n-Propanol 0.012 g/100mL

13027

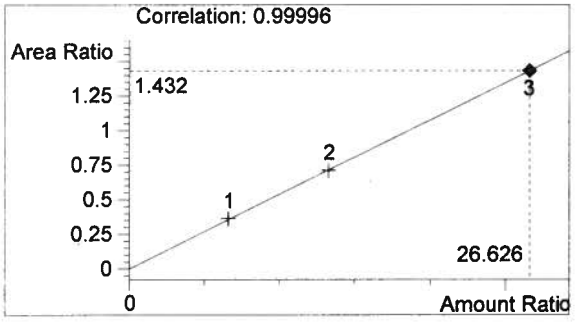
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/2/2013 8:51:43 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

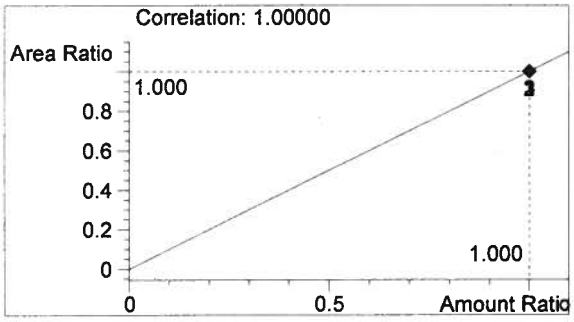
Sample Name: 0.316 cal 3
Operator: asa louis
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3605	1.043
2	n-Propanol	2518	1.709



Ethanol 0.320 g/100mL



n-Propanol 0.012 g/100mL

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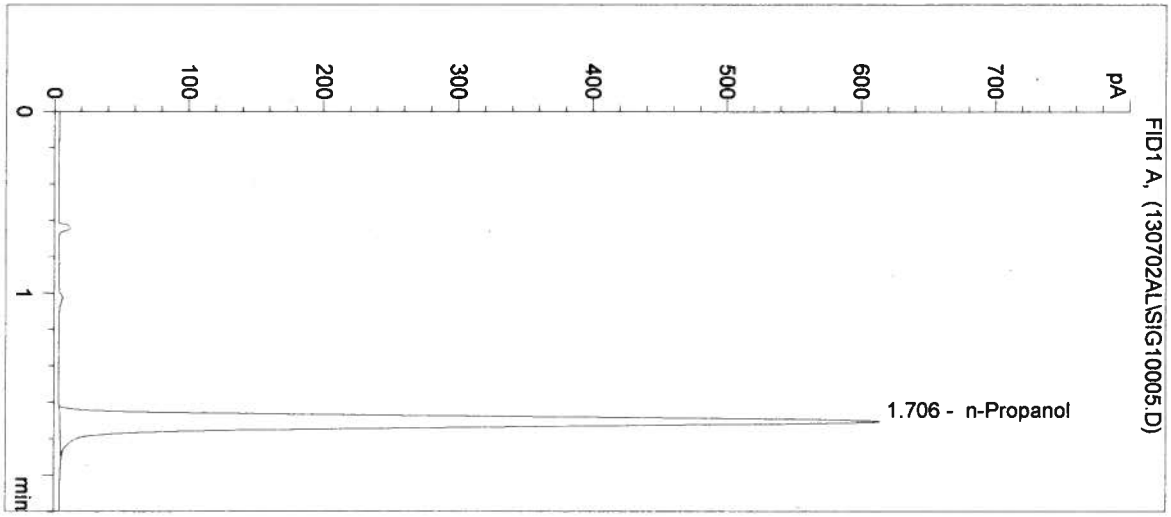
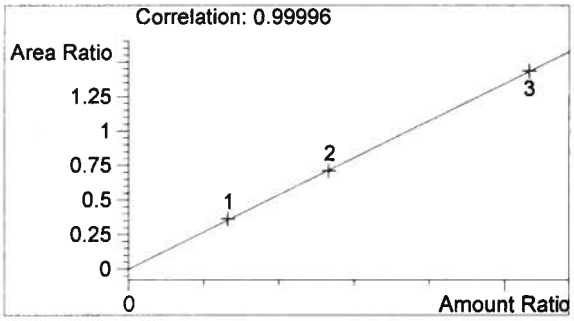
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/2/2013 8:54:48 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

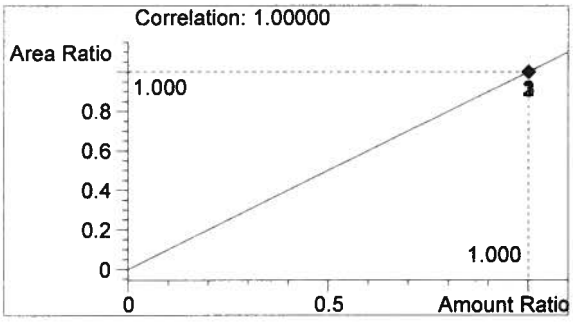
Sample Name: neg control - al
Operator: asa louis
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2442	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

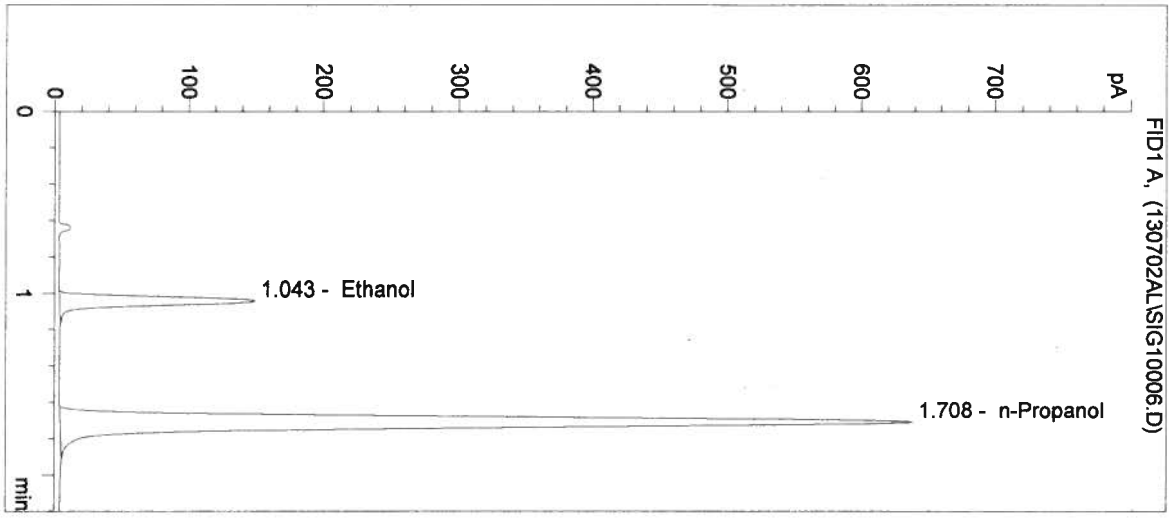
13027

AL

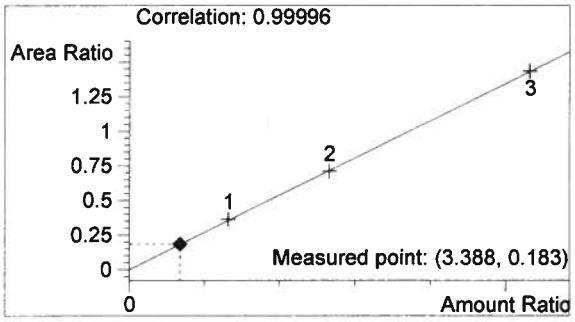
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/2/2013 8:57:52 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

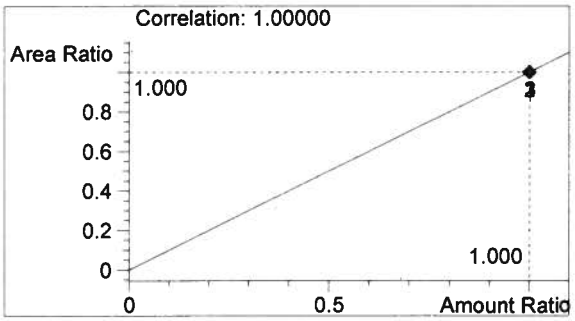
Sample Name: 0.04 ctrl al
Operator: asa louis
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	465	1.043
2	n-Propanol	2537	1.708



Ethanol 0.041 g/100mL



n-Propanol 0.012 g/100mL

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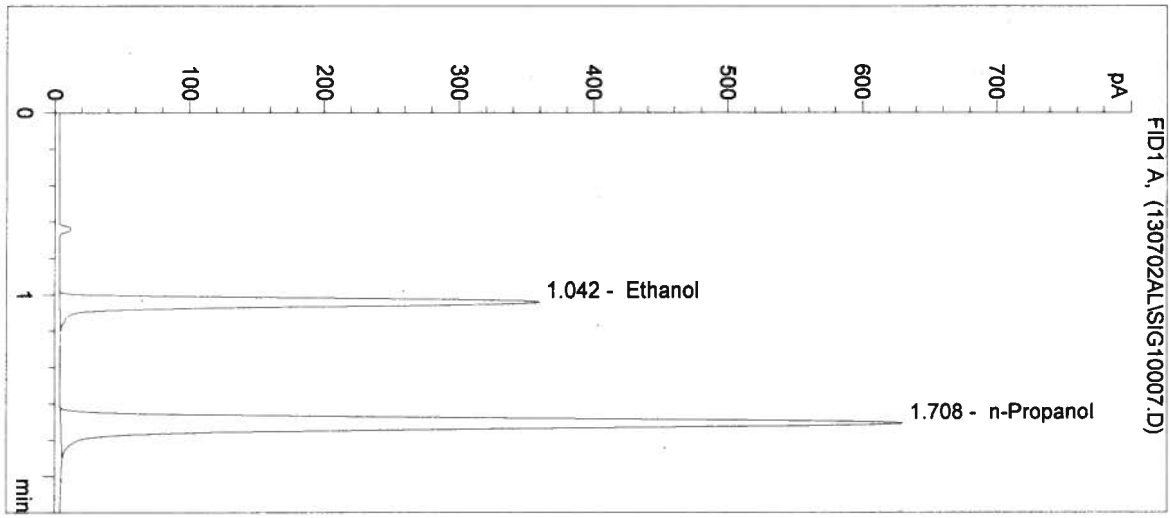
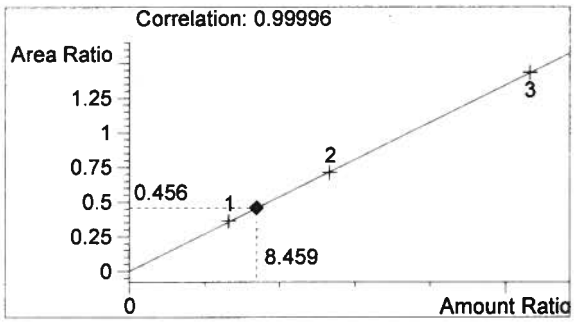
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/2/2013 9:00:57 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

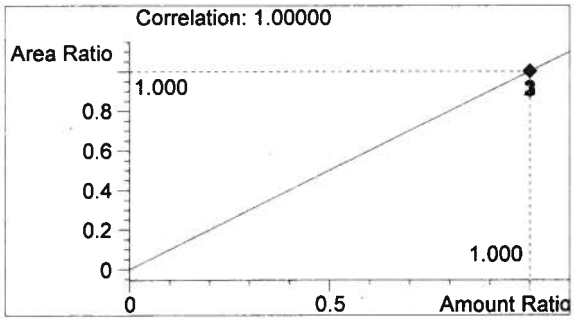
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1140	1.042
2	n-Propanol	2503	1.708



Ethanol 0.102 g/100mL



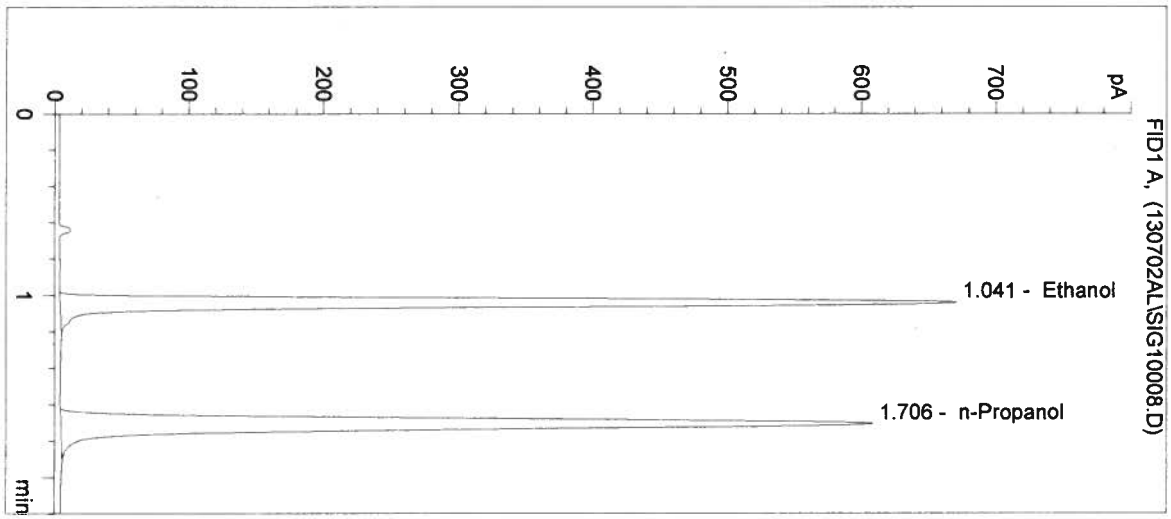
n-Propanol 0.012 g/100mL

13027

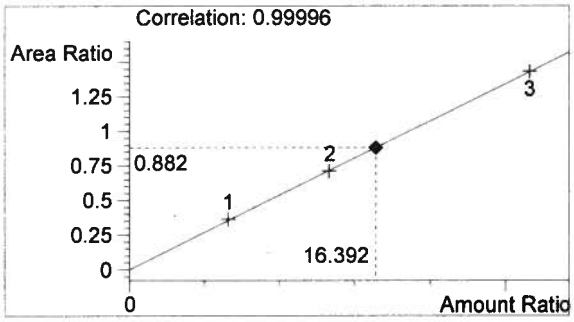
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/2/2013 9:04:02 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

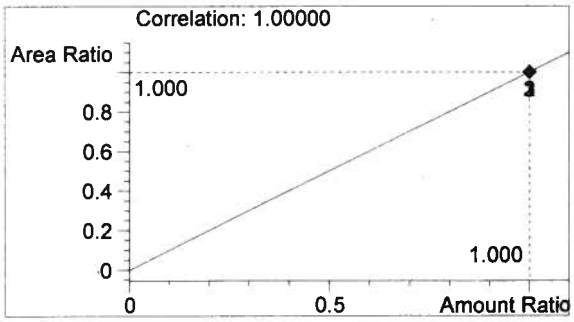
Sample Name: 0.20 ctrl al
Operator: asa louis
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2129	1.041
2	n-Propanol	2415	1.706



Ethanol 0.197 g/100mL



n-Propanol 0.012 g/100mL

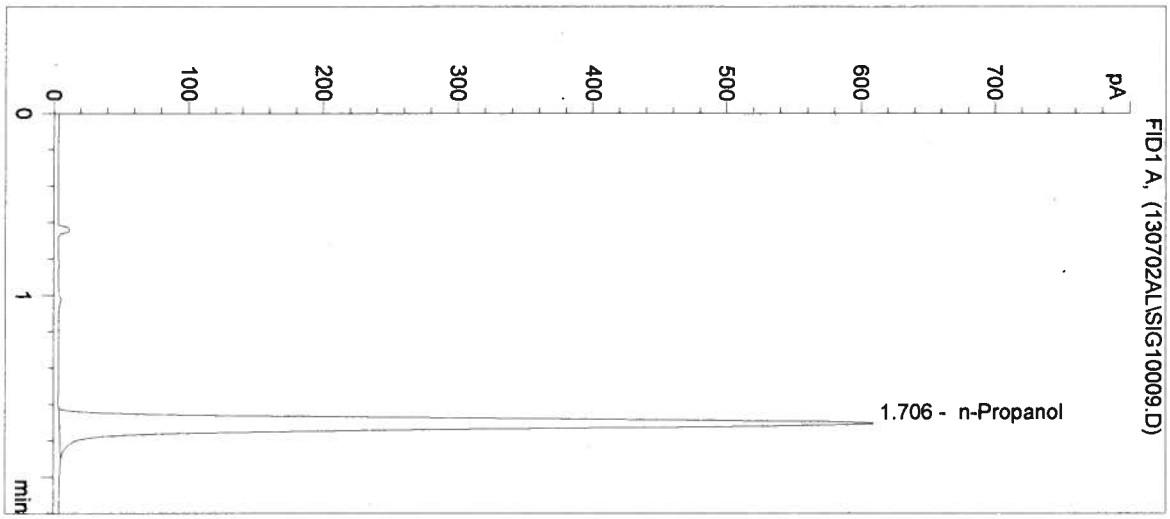
13027

AL

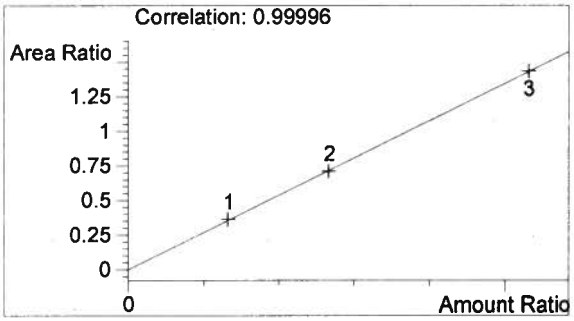
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/2/2013 9:07:07 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

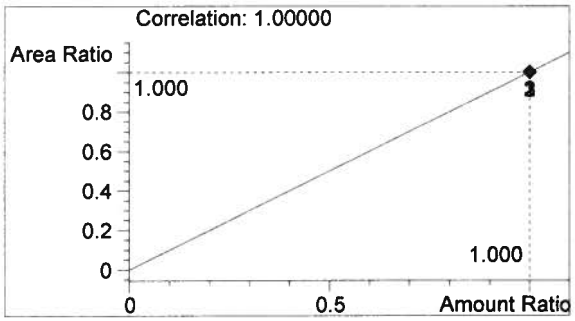
Sample Name: neg control - al
Operator: asa louis
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2418	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

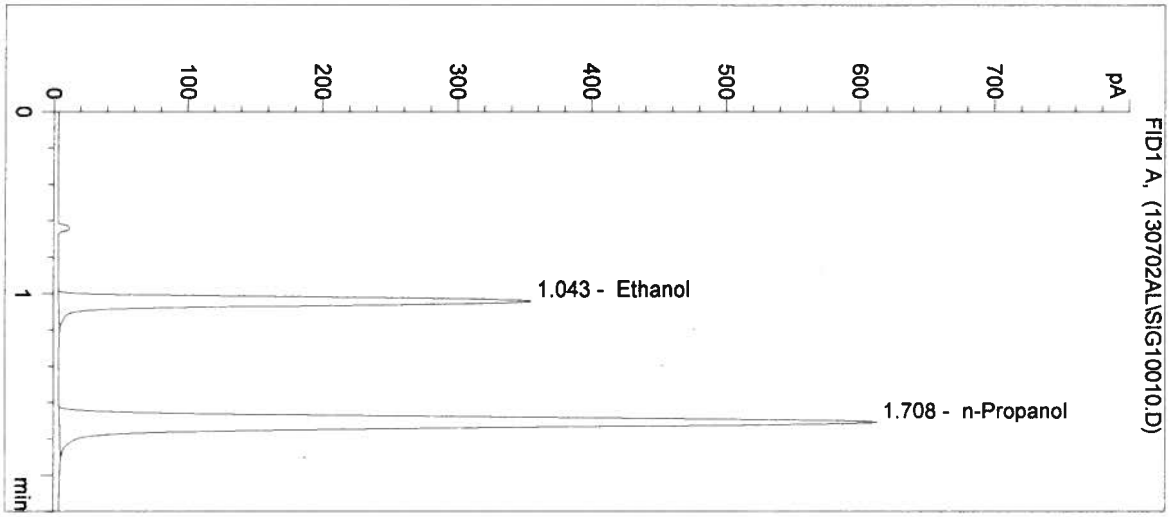
13027

AL

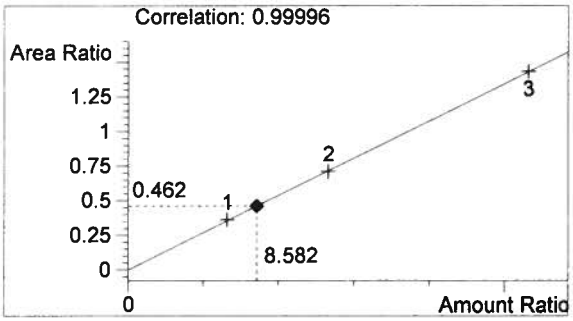
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/2/2013 9:10:11 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

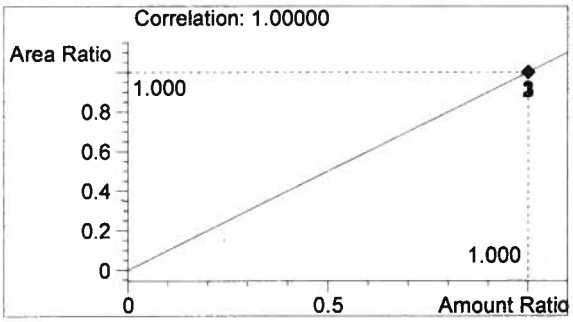
Sample Name: 13027 #1
Operator: asa louis
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1125	1.043
2	n-Propanol	2434	1.708



Ethanol 0.103 g/100mL



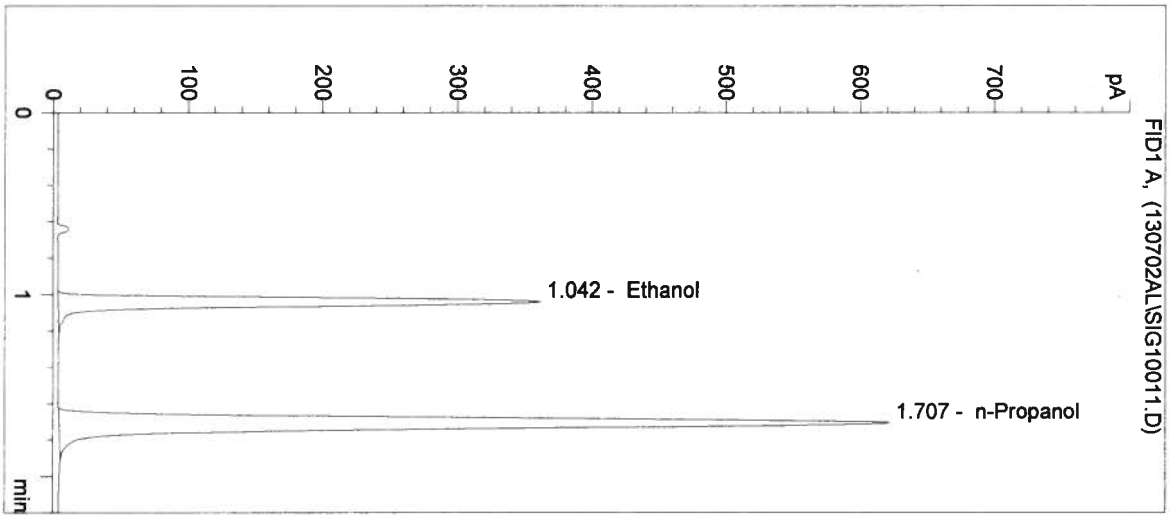
n-Propanol 0.012 g/100mL

AL

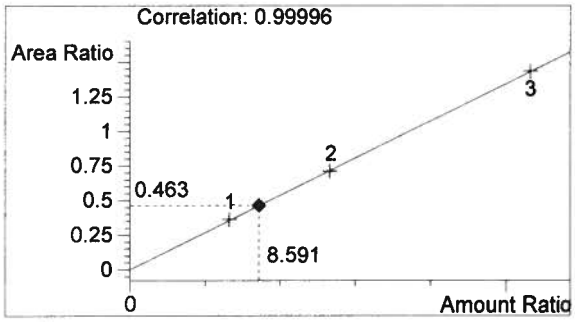
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/2/2013 9:13:16 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

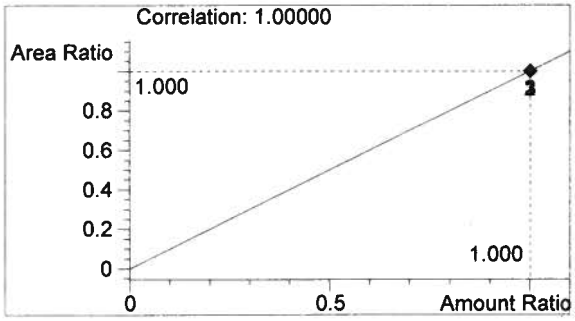
Sample Name: 13027 #2
Operator: asa louis
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1142	1.042
2	n-Propanol	2469	1.707



Ethanol 0.103 g/100mL

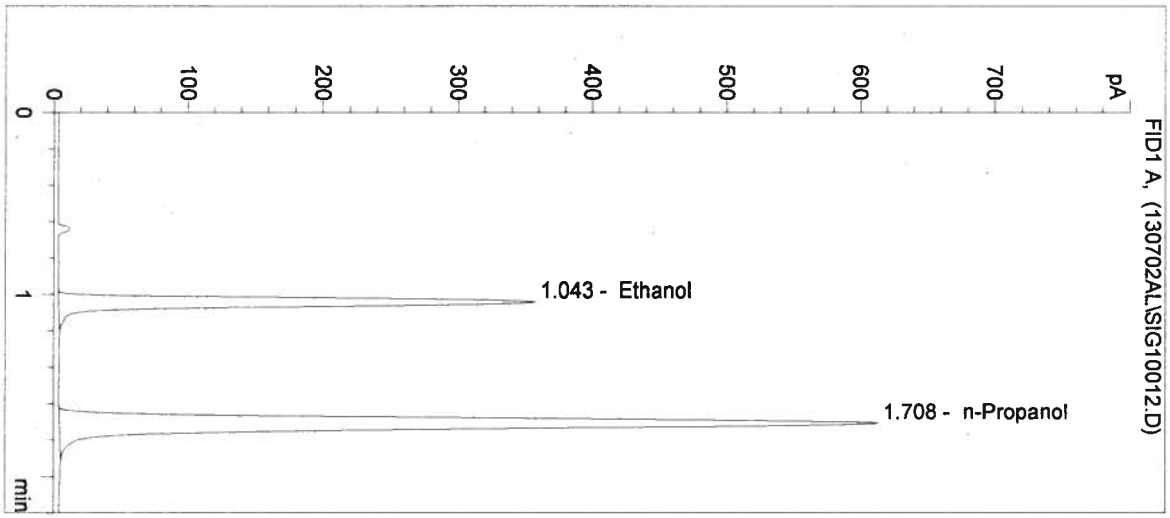


n-Propanol 0.012 g/100mL

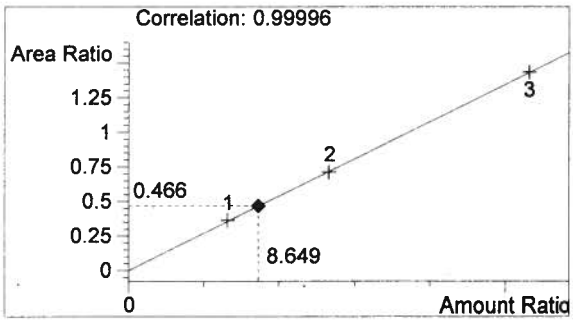
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/2/2013 9:16:21 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

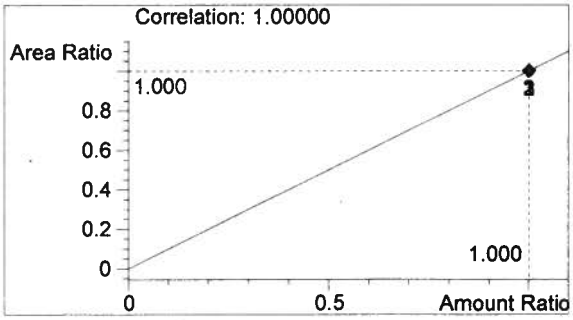
Sample Name: 13027 #3
Operator: asa louis
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1134	1.043
2	n-Propanol	2434	1.708



Ethanol 0.104 g/100mL



n-Propanol 0.012 g/100mL

AL

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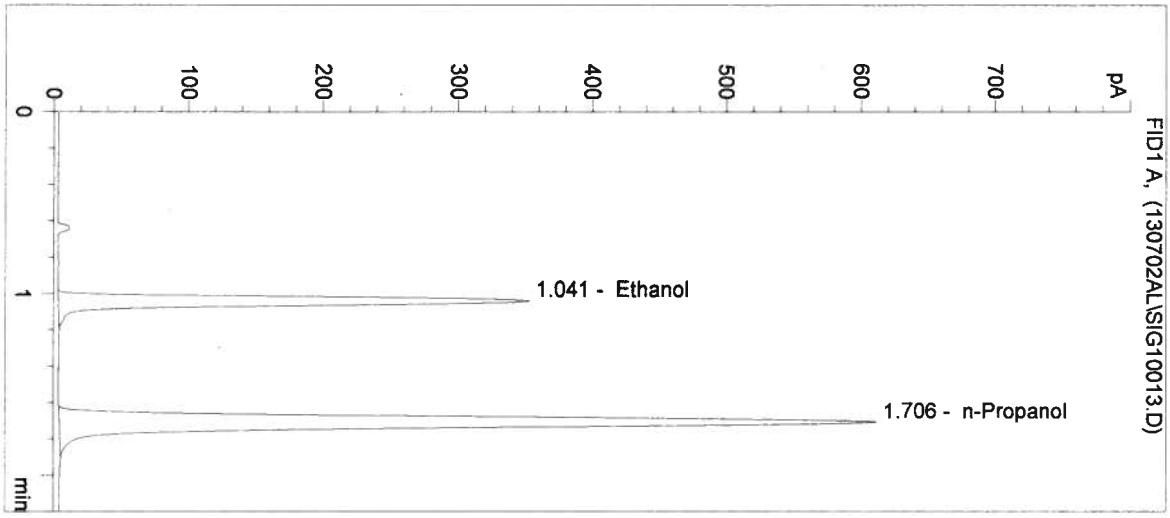
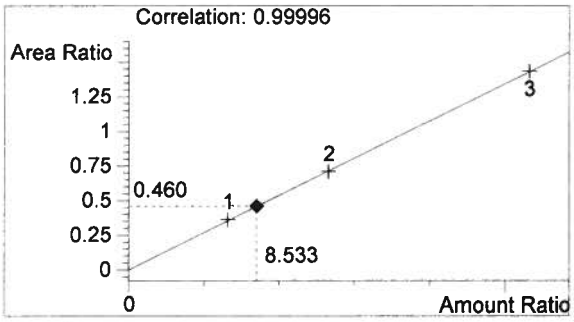
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/2/2013 9:19:25 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

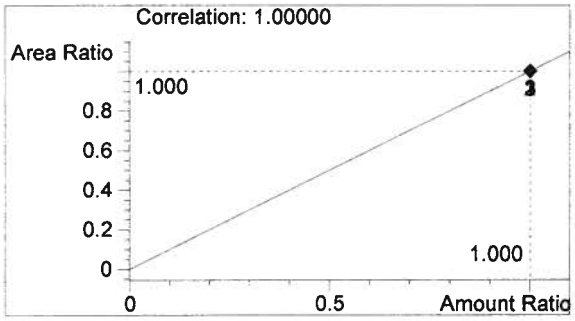
Sample Name: 13027 #4
Operator: asa louis
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1118	1.041
2	n-Propanol	2434	1.706



Ethanol 0.102 g/100mL



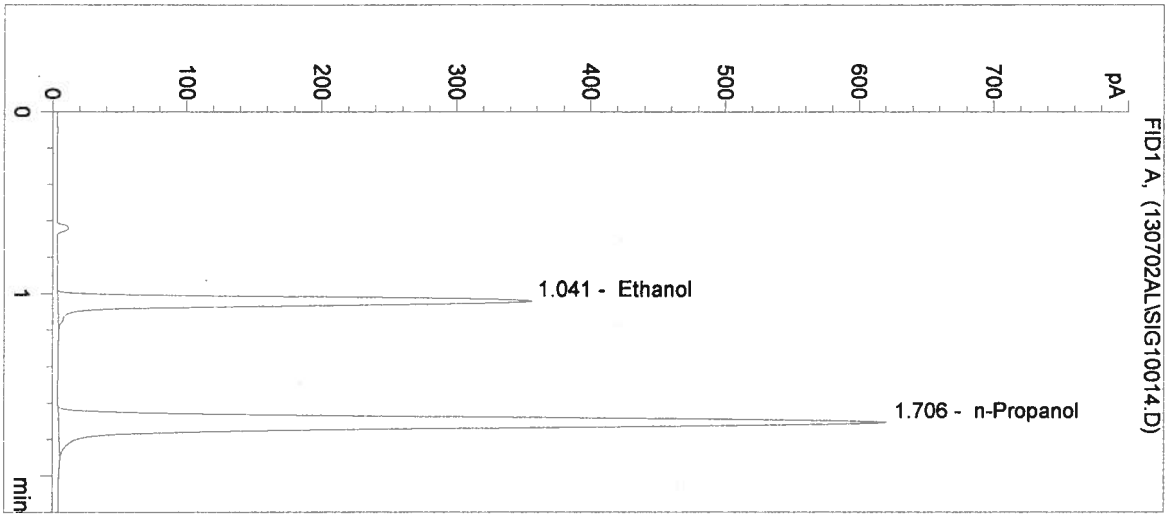
n-Propanol 0.012 g/100mL

AC

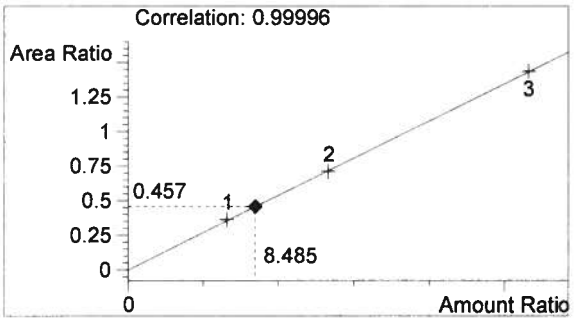
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/2/2013 9:22:30 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

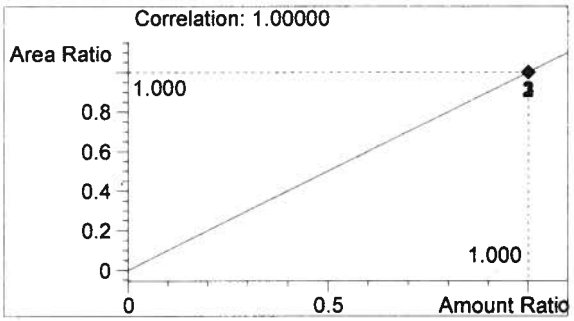
Sample Name: 13027 #5
Operator: asa louis
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1129	1.041
2	n-Propanol	2471	1.706



Ethanol 0.102 g/100mL

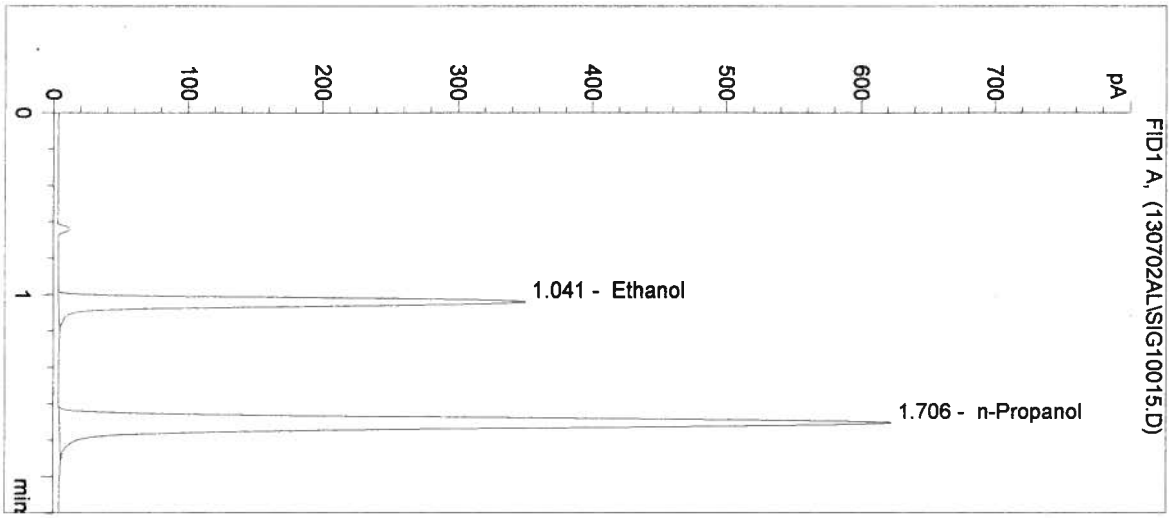


n-Propanol 0.012 g/100mL

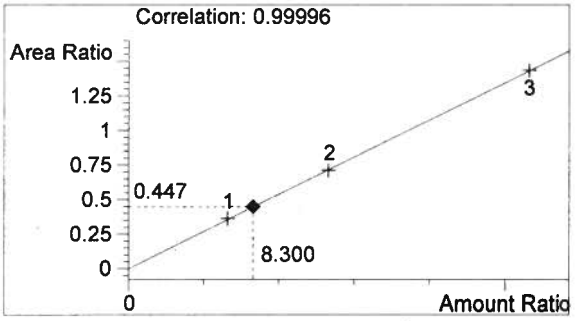
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/2/2013 9:25:35 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

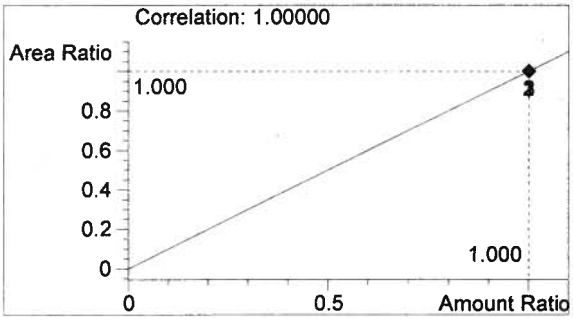
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1105	1.041
2	n-Propanol	2473	1.706



Ethanol 0.100 g/100mL



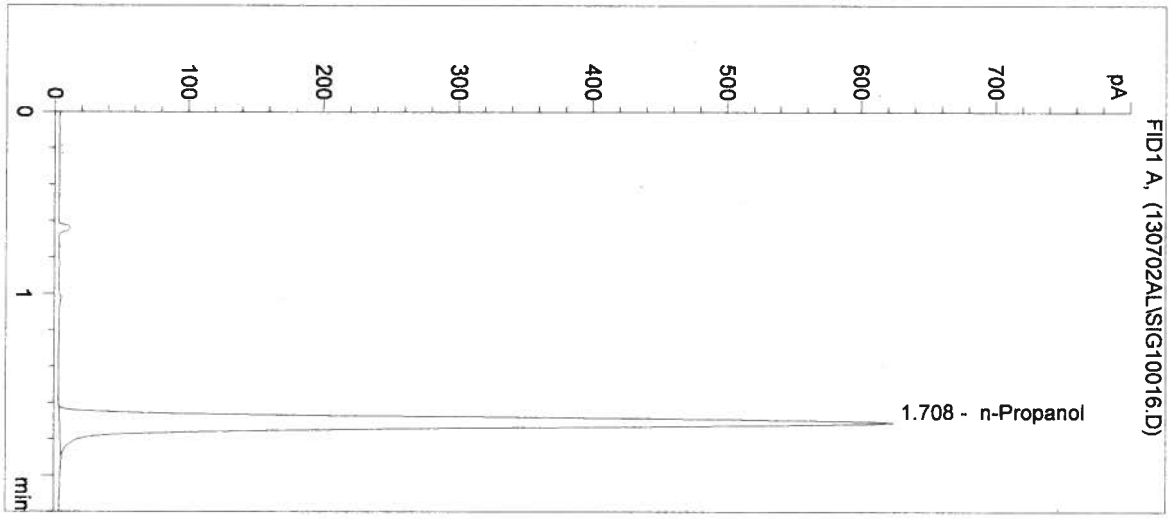
n-Propanol 0.012 g/100mL

13027

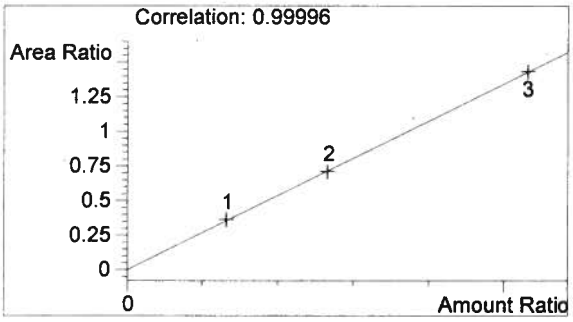
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 7/2/2013 9:28:40 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

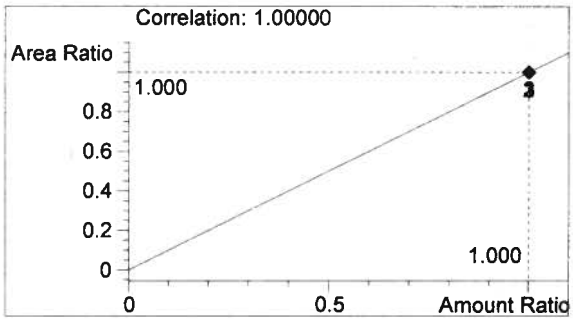
Sample Name: neg control - al
Operator: asa louis
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2476	1.708



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13027