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

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

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 13041

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

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

TESTING ITEM INFORMATION
TARGET VAPOR CONCENTRATION: 0.08 g/210L
DATE PREPARED: 08/14/2013
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Katie Knorr

	KK	AC	LL	AG	JLK	AJL	CSJ	CM
1	0.102	0.103	0.101	0.103	0.103	0.101	0.102	0.102
2	0.101	0.104	0.101	0.103	0.103	0.103	0.102	0.103
3	0.101	0.104	0.101	0.102	0.103	0.101	0.102	0.106
4	0.103	0.105	0.101	0.103	0.102	0.101	0.102	0.102
5	0.101	0.105	0.101	0.102	0.103	0.103	0.103	0.104
C	0.101	0.101	0.098	0.100	0.100	0.098	0.100	0.100

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1025 g/100mL
STANDARD DEVIATION: 0.00126
PRECISION CV (%): 1.23
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0833 g/210L**
EXPANDED UNCERTAINTY: ± 0.0034 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Brianna Peterson
Brianna Peterson Laboratory Manager

9/3/13
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
KK	Katie Knorr	Katie Knorr	08/14/2013
AC	Amanda Chandler	Amanda Chandler	08/14/2013
LL	Lyndsey Lowe	Lyndsey Lowe	08/14/2013
AG	Andrew Gingras	Andrew Gingras	08/16/2013
JLK	Justin L. Knoy	Justin L. Knoy	08/19/2013
AJL	Asa J. Louis	Asa J. Louis	08/19/2013
CSJ	Christopher S. Johnston	Chris Johnston	08/19/2013
CM	Christie Mitchell-Mata	Christie Mitchell-Mata	08/22/2013

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 #: 13041 **Date Prepared:** 8/14/2013

Analyst:	KK	AC	LL	AG	JLK	AJL	CSJ	CM
Date Tested:	8/14/2013	8/14/2013	8/14/2013	8/16/2013	8/19/2013	8/19/2013	8/19/2013	8/22/2013
Instrument:	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1
1	0.102	0.103	0.101	0.103	0.103	0.101	0.102	0.102
2	0.101	0.104	0.101	0.103	0.103	0.103	0.102	0.103
3	0.101	0.104	0.101	0.102	0.103	0.101	0.102	0.106
4	0.103	0.105	0.101	0.103	0.102	0.101	0.102	0.102
5	0.101	0.105	0.101	0.102	0.103	0.103	0.103	0.104
C	0.101	0.101	0.098	0.100	0.100	0.098	0.100	0.100

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0001512175	0.0001363954	0.0001016326

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

Average Solution Concentration: 0.1025 g/100mL
Standard Deviation: 0.00126 g/100mL
Precision CV (%): 1.23
Equivalent Vapor Concentration: 0.0833 g/210L
Combined Standard Uncertainty (±): 0.0017 g/210L
Expanded Uncertainty (±): 0.0034 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Brianna Peterson (Name) Brianna Peterson (Signature) 8/27/13 (Date)

Calculations verified by: Amanda M. Black (Name) [signature] (Signature) 8-30-2013 (Date)

Method: Hand calculation

Technical review of batch file performed by:

Brianna Peterson (Name) Brianna Peterson (Signature) 8/28/13 (Date)

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 8-30-2013

Location: WSP-FLSB Seattle, WA Solution Batch Number: 13041

	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: 8-30-2013

Reviewer Signature: N/A AB 8-30-13 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	8/27/13
Andrew Gingras	AG	8/27/13
Asa Louis	AL	20130827
Brittany Ball		
Christie Mitchell-Mata	CM	8/28/13
Christopher Johnston	CJ	8/27/13
Justin Knoy	JK	8/27/13
Katie Knorr	KK	8/27/13
Lyndsey Lowe	LL	8.27.13
Naziha Nuwayhid		
Rebecca Flaherty		
Sarah Swenson		

Batch # 13041

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 13041

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 13041, was prepared in the Washington State Toxicology Laboratory on 8/14/2013. 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 8/14/2014.

Seattle, WA

Katie Knorr 8/27/13

Katie Knorr Date

Forensic Toxicologist

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 13041

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 13041, was prepared in the Washington State Toxicology Laboratory on 8/14/2013. 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 8/14/2014.

Seattle, WA

Amanda Chandler 8/27/13

Amanda Chandler Date

Forensic Toxicologist

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 13041

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 13041, was prepared in the Washington State Toxicology Laboratory on 8/14/2013. 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 8/14/2014.

Seattle, WA

8-27-13

Lyndsey Lowe — Date
Forensic Toxicologist

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 13041

I, Andrew Gingras, 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 Cell and Molecular Biology and MS degree in Forensic Science.

The external standard solution, Lot Number 13041, was prepared in the Washington State Toxicology Laboratory on 8/14/2013. 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 8/14/2014.

Seattle, WA

8/27/13

Andrew Gingras — Date

Forensic Toxicologist

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 13041

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 13041, was prepared in the Washington State Toxicology Laboratory on 8/14/2013. 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 8/14/2014.

Seattle, WA

8/27/13

Justin L. Knoy — Date
Forensic Toxicologist

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 13041

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 13041, was prepared in the Washington State Toxicology Laboratory on 8/14/2013. 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 8/14/2014.

Seattle, WA

20130827

Asa J. Louis Date

Forensic Toxicologist

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 13041

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 13041, was prepared in the Washington State Toxicology Laboratory on 8/14/2013. 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 8/14/2014.

Seattle, WA

8/21/13

Christopher S. Johnston — Date

Forensic Toxicologist

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 13041

I, Christie Mitchell-Mata, do certify under penalty of perjury that:

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

I possess the following qualifications: BA degree in Chemistry, MFS degree in Forensic Science, and over four years experience in forensic toxicology.

The external standard solution, Lot Number 13041, was prepared in the Washington State Toxicology Laboratory on 8/14/2013. 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 8/14/2014.

Seattle, WA

Christie Mitchell-Mata 8/28/13

Christie Mitchell-Mata Date

Forensic Toxicologist

WSP-TLD	COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET

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

Preparation Date: 8-14-13 Initials of Preparer: KK

Expiration Date: 8-14-14

Lot # of 200-proof Ethanol used in preparation: 2BH0289

Date the 200-proof Ethanol bottle was opened: 8-13-13

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	☑	13041

Stir bar is rotating	☑
Stirred for minimum 30 minutes; 2 hours for ESS	☑
Spigot purged	☑
Aliquot taken	☑
Batch labeled, packaged and sealed	☑

8/14/13
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:

Katie Knon
Analyst Signature

8/14/13
Date

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:	130814KK
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#E0713-01 -exp 1/24/14
CAL 2 0.158 g/100 mL - Lot#E0713-02 -exp 1/24/14
CAL 3 0.316 g/100 mL - Lot#E0713-03 -exp 1/24/14
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#P0713 - exp 10/08/13

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 13041-01	SIMALC1	1	Sample		
11	Vial 11	ESS 13041-02	SIMALC1	1	Sample		
12	Vial 12	ESS 13041-03	SIMALC1	1	Sample		
13	Vial 13	ESS 13041-04	SIMALC1	1	Sample		
14	Vial 14	ESS 13041-05	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	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!

13041

KK

Calibration Table

Calib. Data Modified : Wednesday, August 14, 2013 11:13:13 AM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.042	1	1	7.87500e-2	935.96039	8.41382e-5	1		Ethanol
		2	1.58140e-1	1757.18359	8.99963e-5			
		3	3.14420e-1	3599.07300	8.73614e-5			
1.707	1	1	1.20000e-2	2609.04199	4.59939e-6	I1		n-Propanol
		2	1.20000e-2	2487.52563	4.82407e-6			
		3	1.20000e-2	2553.29321	4.69981e-6			

Peak Sum Table

No Entries in table

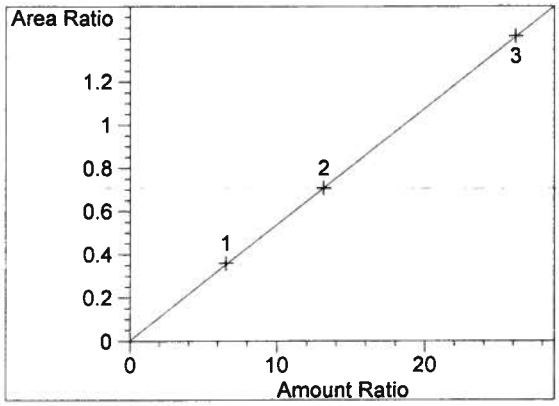
13041

KK
130814 KK

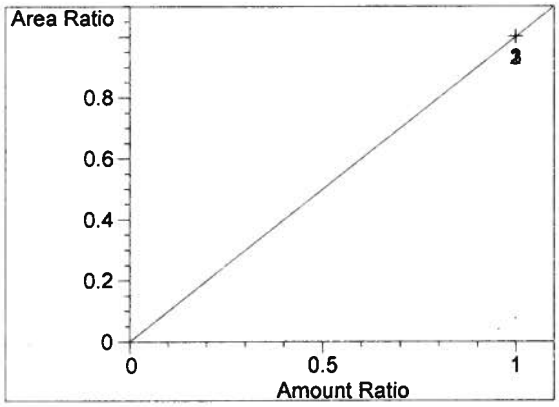
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.042
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00411
Formula: y = mx + b
m: 5.37112e-2
b: 1.77214e-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

==========

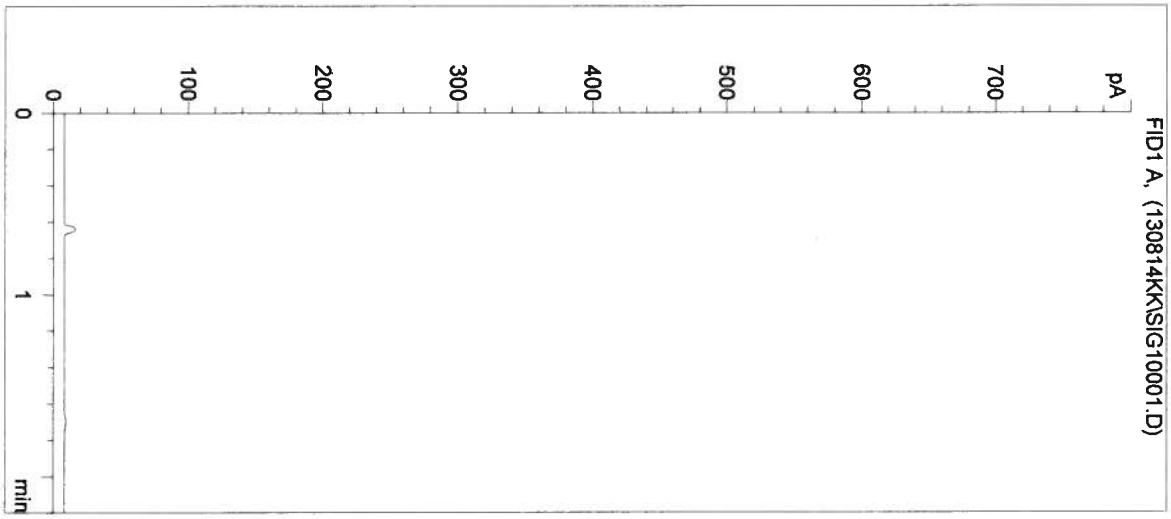
13041

KK
130814KK

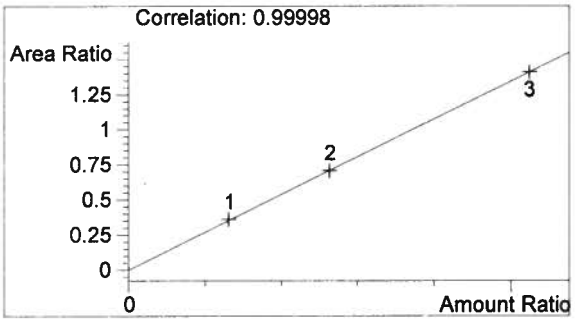
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 11:01:46 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

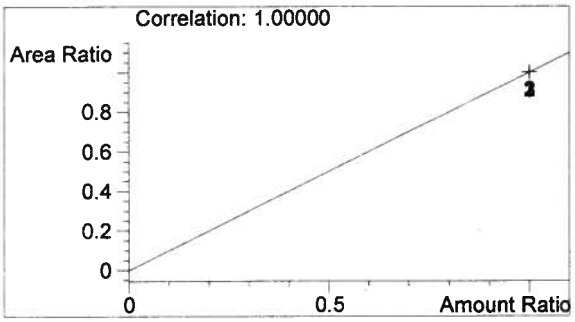
Sample Name: BLANK
Operator: Katie Knorr
Location: Vial 1



#	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

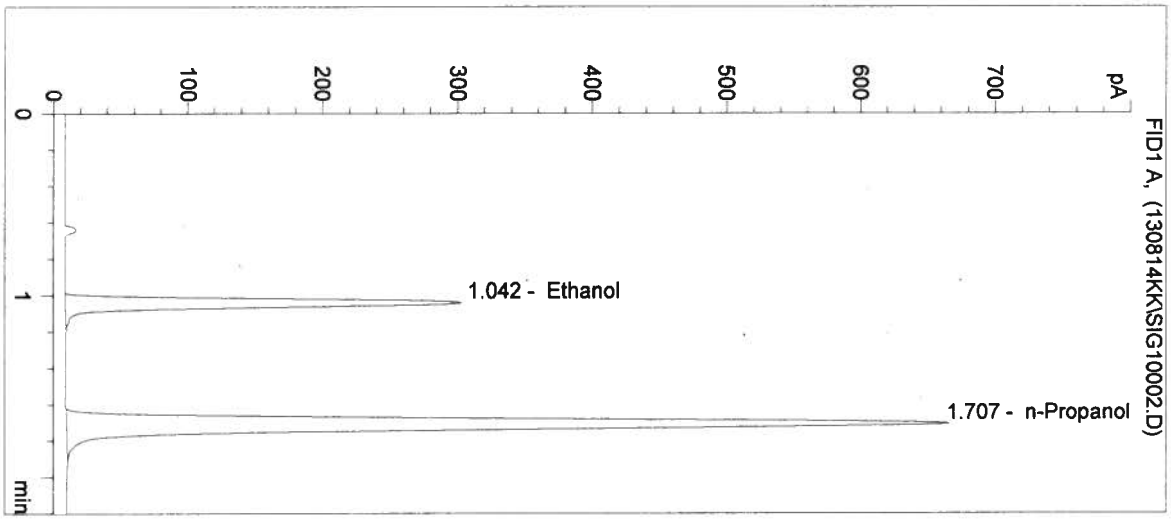
13041

KK

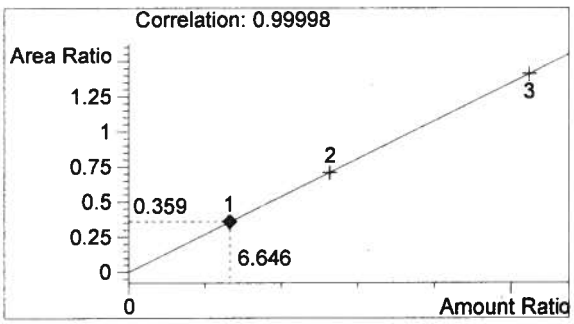
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 11:04:51 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

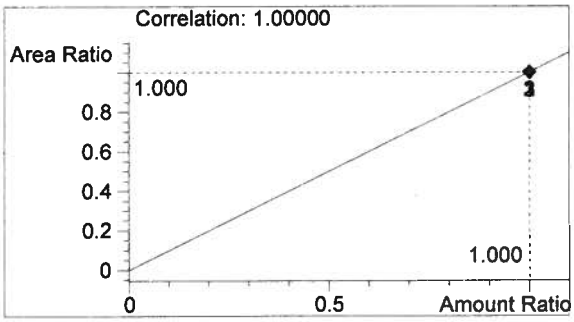
Sample Name: CAL 1 (0.079)
Operator: Katie Knorr
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	936	1.042
2	n-Propanol	2609	1.707



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

13041

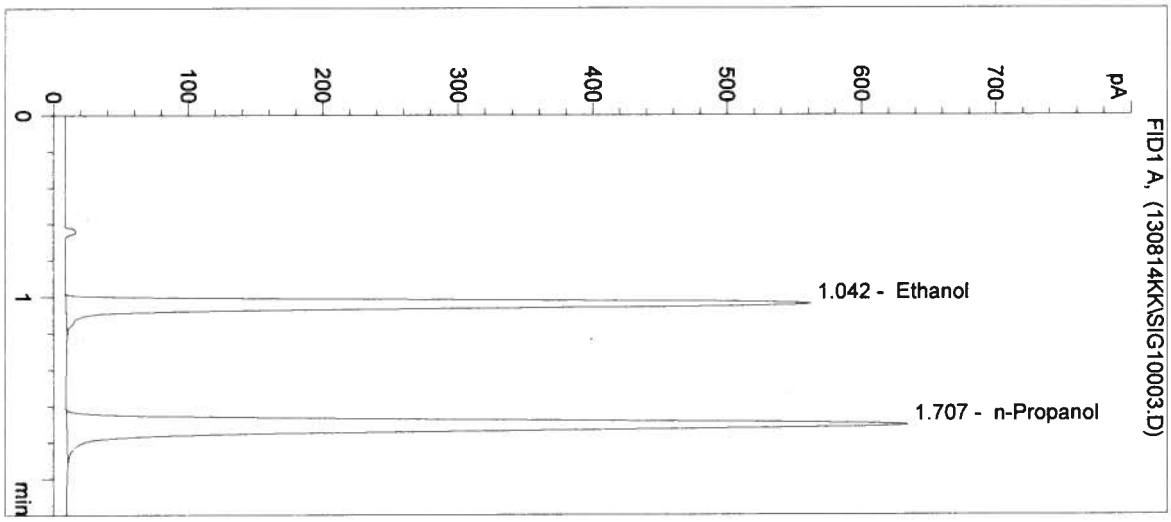
KK

Data File: C:\HPCHEM\1\DATA\130814KK\SIG10002.D

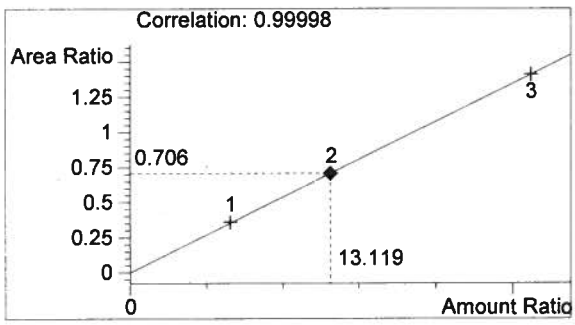
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 11:07:55 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

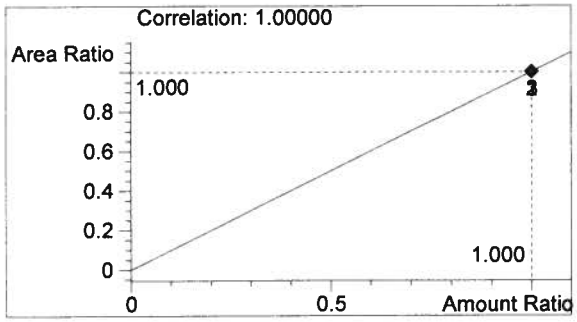
Sample Name: CAL 2 (0.158)
Operator: Katie Knorr
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1757	1.042
2	n-Propanol	2488	1.707



Ethanol 0.157 g/100mL



n-Propanol 0.012 g/100mL

13041

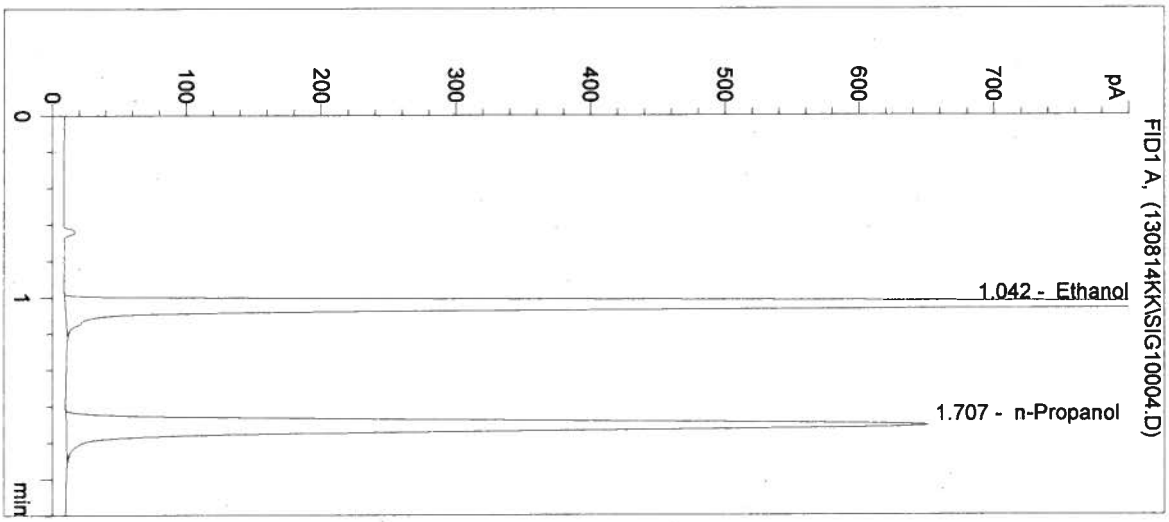
KK

Data File: C:\HPCHEM\1\DATA\130814KK\SIG10003.D

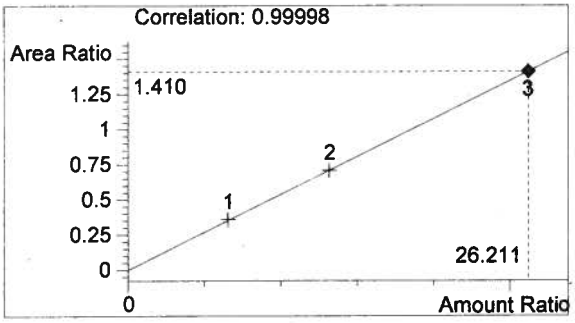
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 11:11:00 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

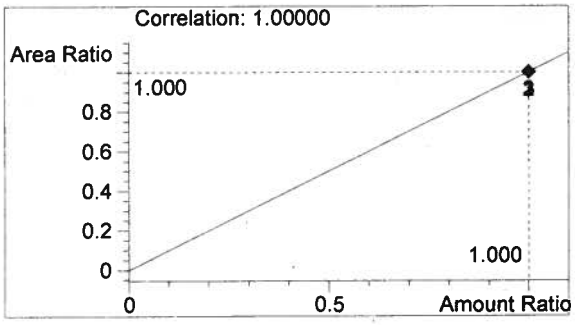
Sample Name: CAL 3 (0.316)
Operator: Katie Knorr
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3599	1.042
2	n-Propanol	2553	1.707



Ethanol 0.315 g/100mL



n-Propanol 0.012 g/100mL

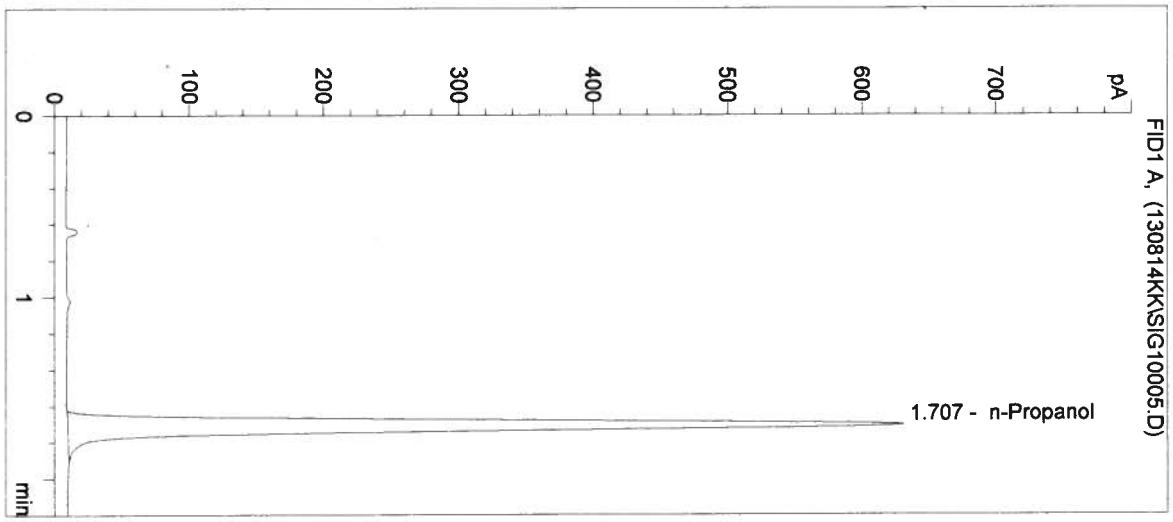
13041

KK

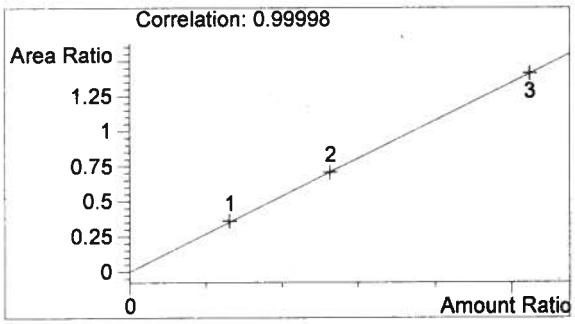
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 11:14:05 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

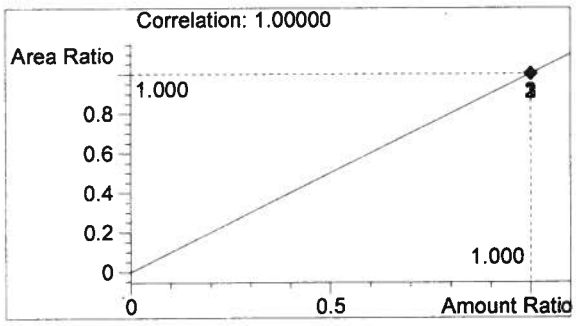
Sample Name: NEG CTRL
Operator: Katie Knorr
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2475	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

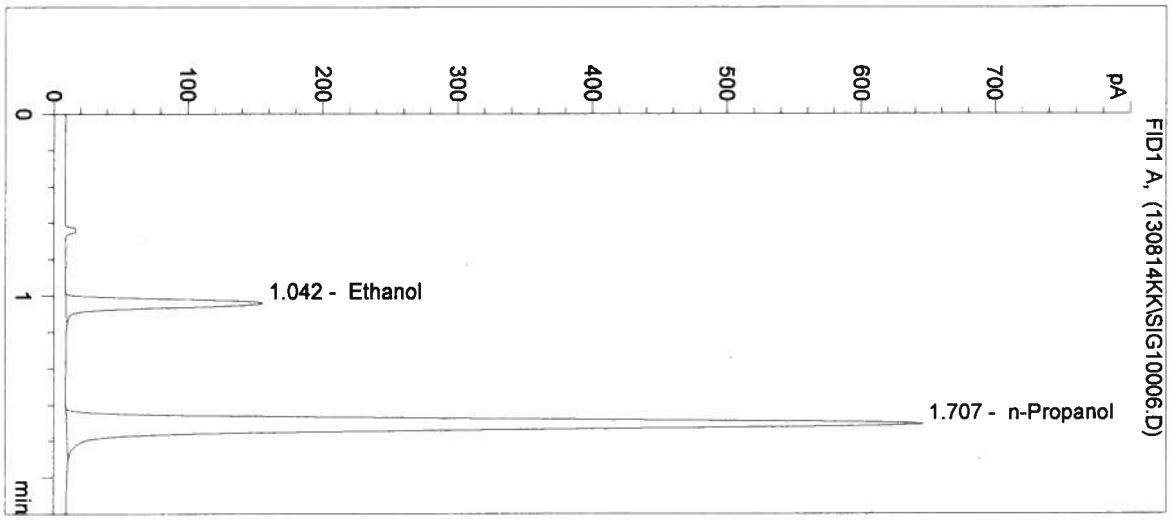
13041

KK

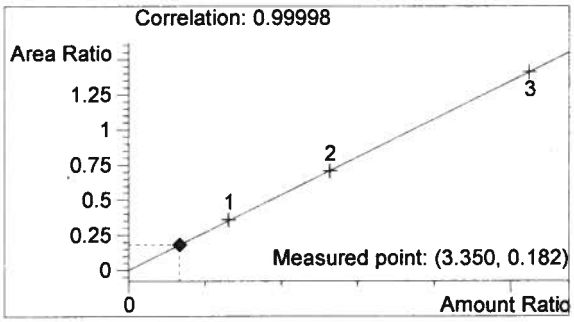
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 11:17:10 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

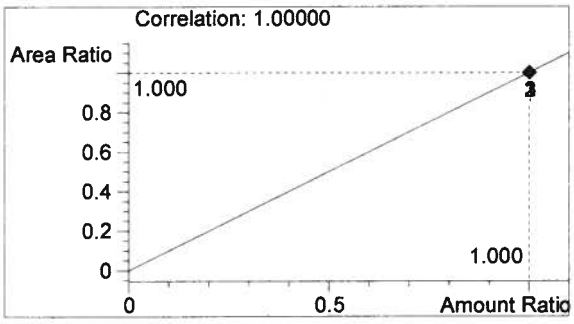
Sample Name: 0.04 CTRL
Operator: Katie Knorr
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	461	1.042
2	n-Propanol	2535	1.707



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

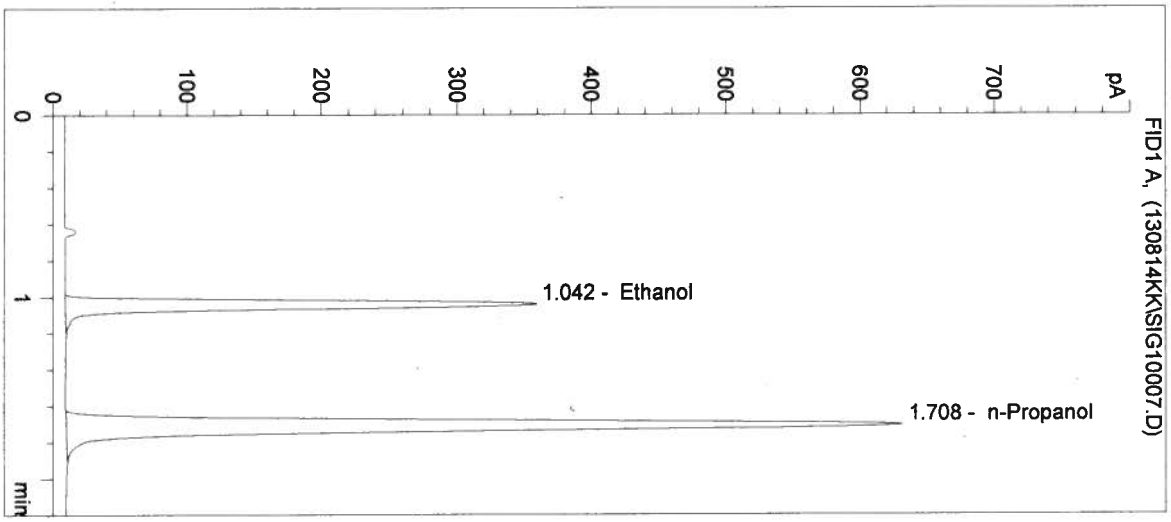
13041

KK

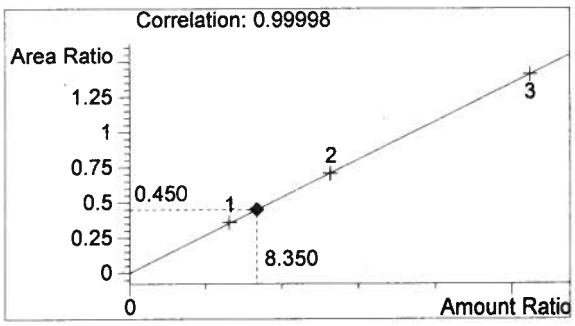
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 11:20:14 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

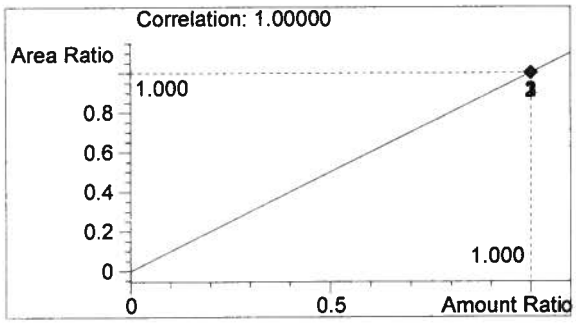
Sample Name: 0.10 CTRL
Operator: Katie Knorr
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1115	1.042
2	n-Propanol	2476	1.708



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

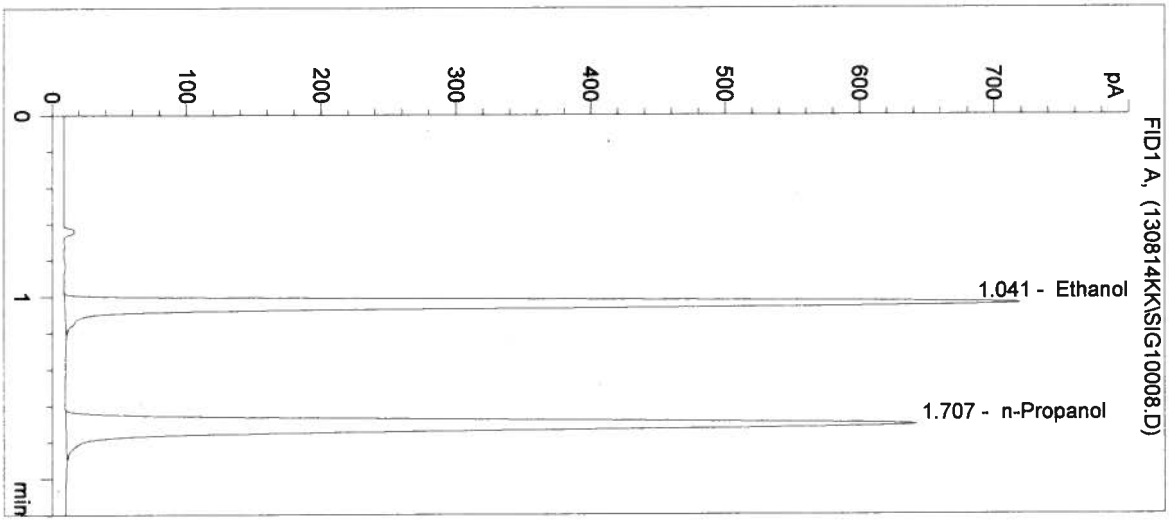
13041

KK

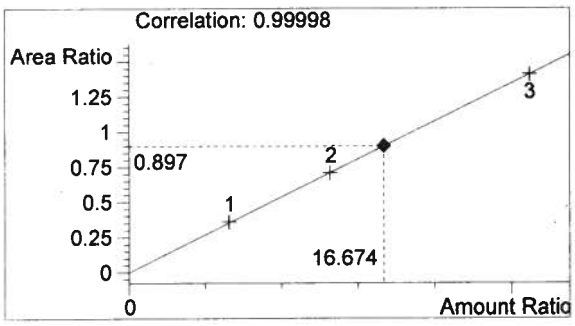
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 11:23:19 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

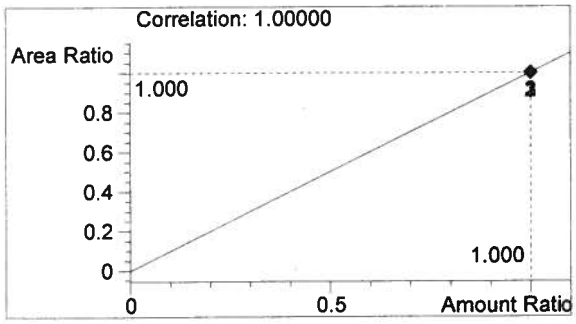
Sample Name: 0.20 CTRL
Operator: Katie Knorr
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2255	1.041
2	n-Propanol	2513	1.707



Ethanol 0.200 g/100mL



n-Propanol 0.012 g/100mL

13041

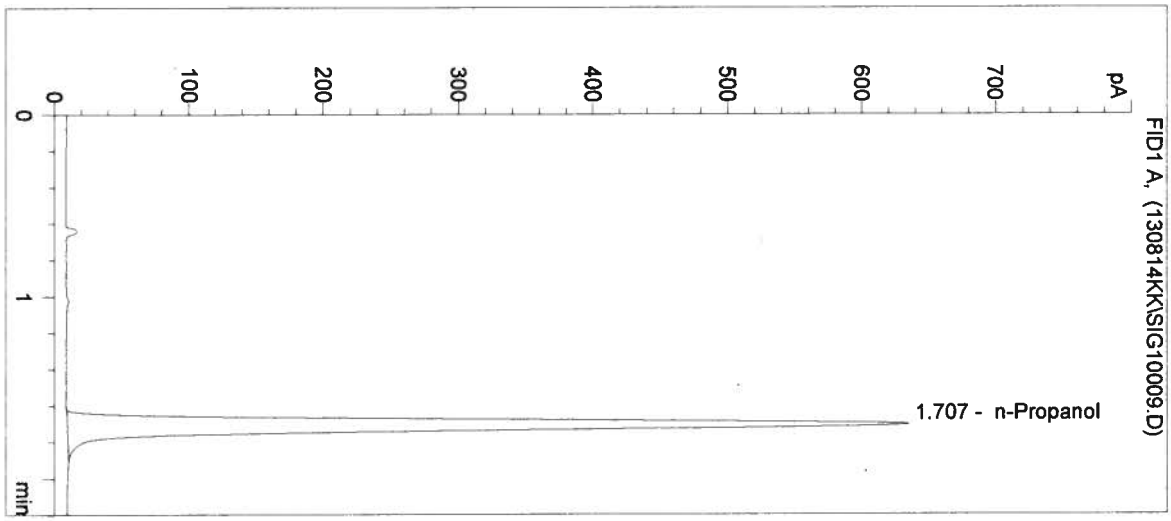
KK

Data File: C:\HPCHEM\1\DATA\130814KK\SIG10008.D

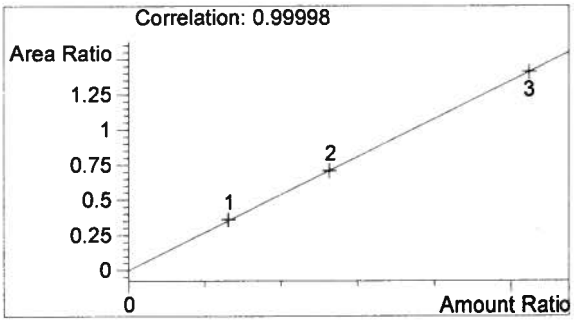
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 11:26:24 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

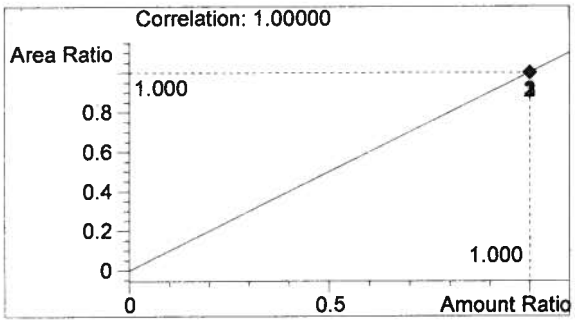
Sample Name: NEG CTRL
Operator: Katie Knorr
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2492	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

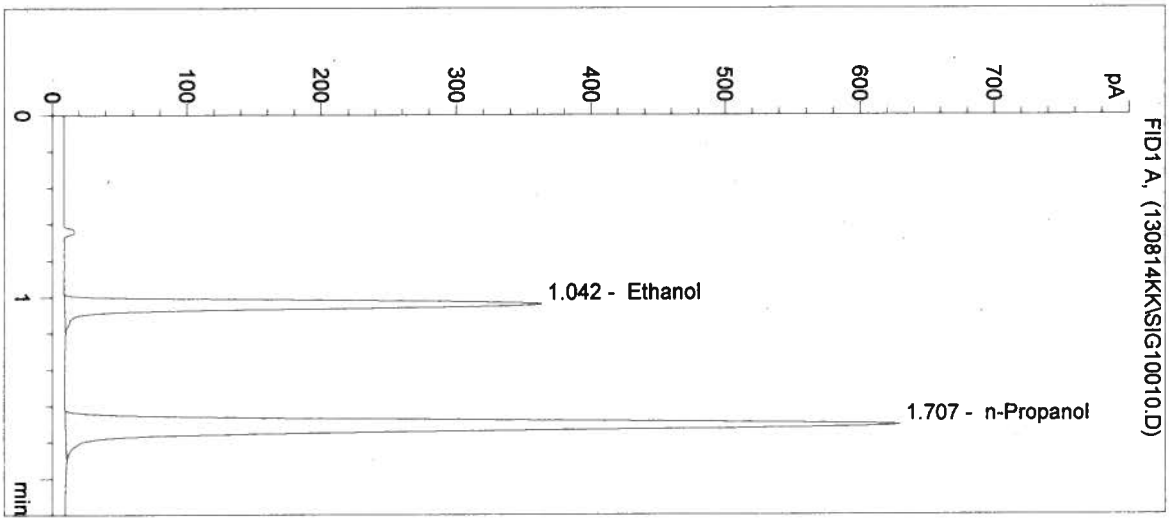
13041

KK

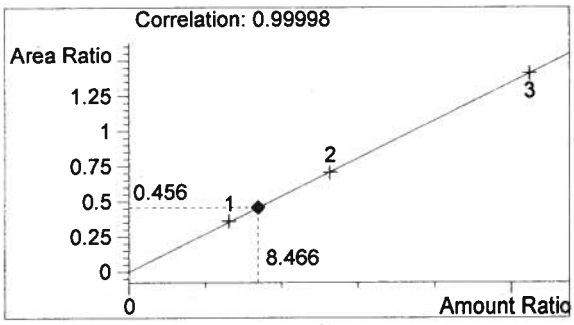
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 11:29:28 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

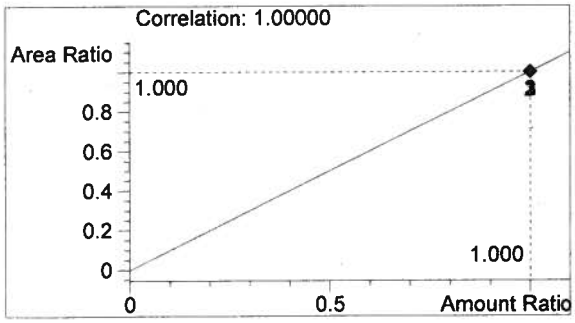
Sample Name: ESS 13041-01
Operator: Katie Knorr
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1123	1.042
2	n-Propanol	2461	1.707



Ethanol 0.102 g/100mL



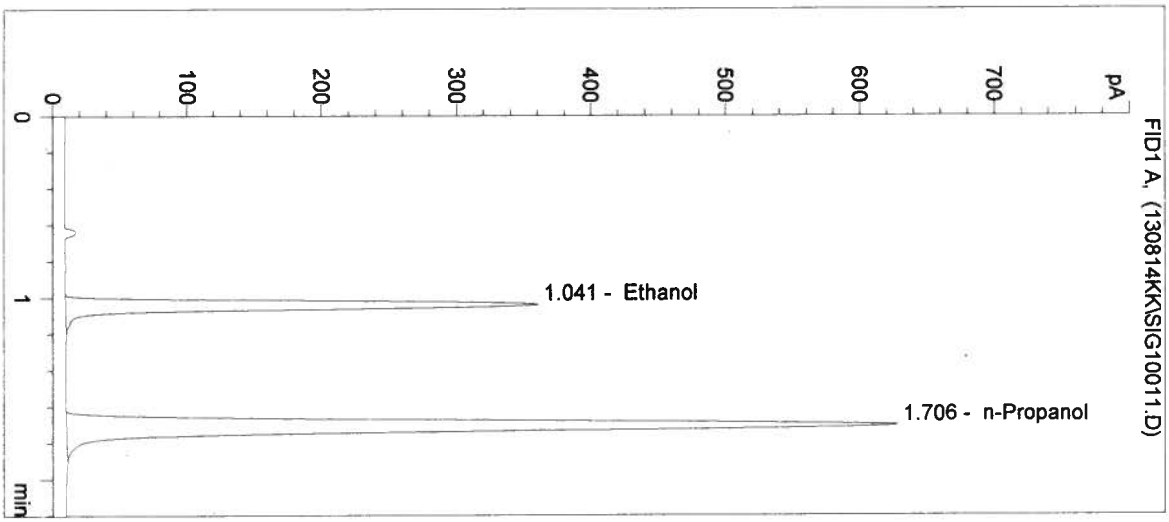
n-Propanol 0.012 g/100mL

KK

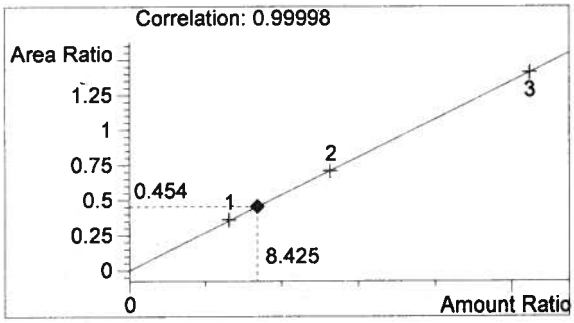
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 11:32:33 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

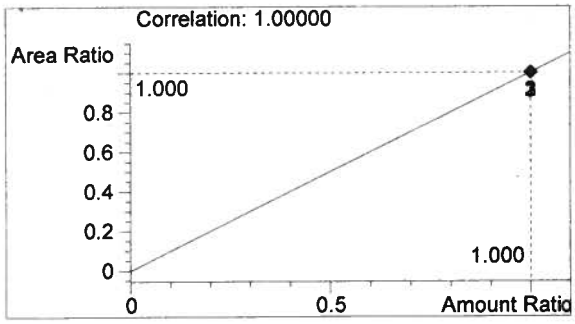
Sample Name: ESS 13041-02
Operator: Katie Knorr
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1119	1.041
2	n-Propanol	2463	1.706



Ethanol 0.101 g/100mL



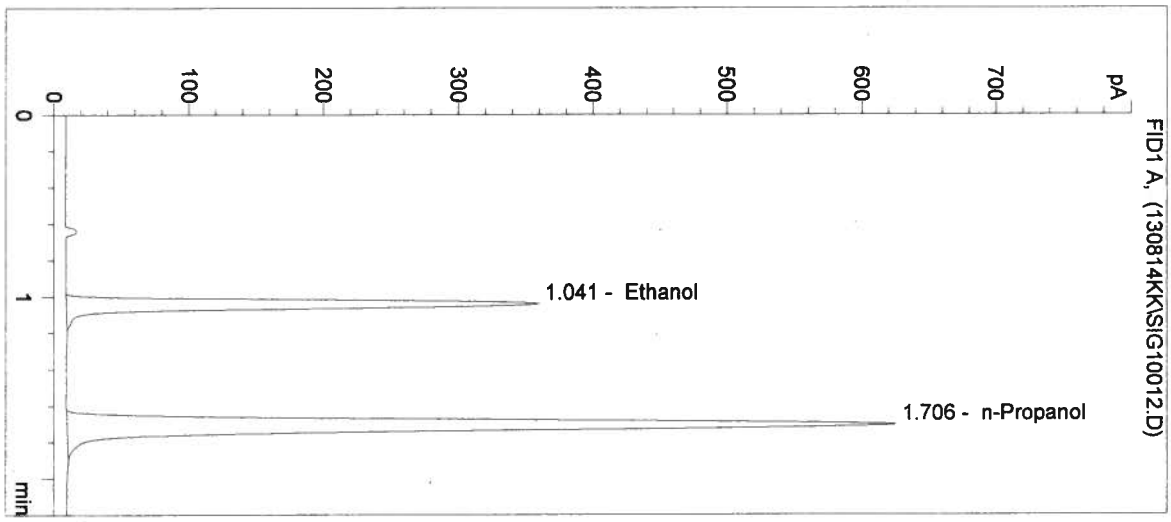
n-Propanol 0.012 g/100mL

KK

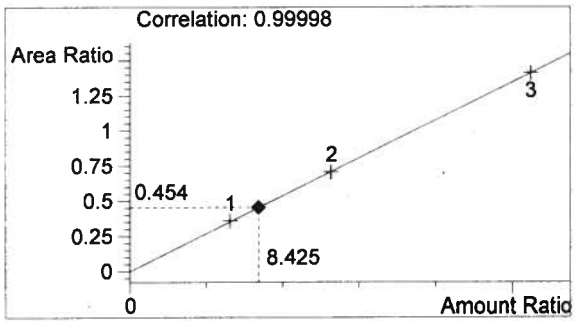
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 11:35:38 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

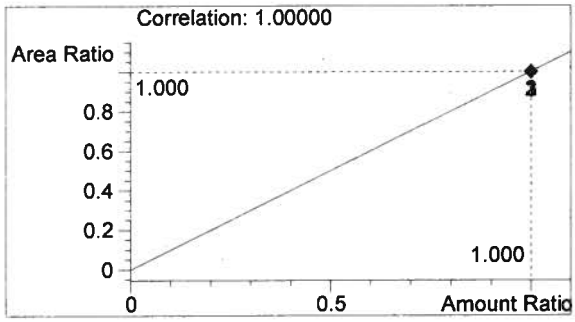
Sample Name: ESS 13041-03
Operator: Katie Knorr
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1116	1.041
2	n-Propanol	2456	1.706



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

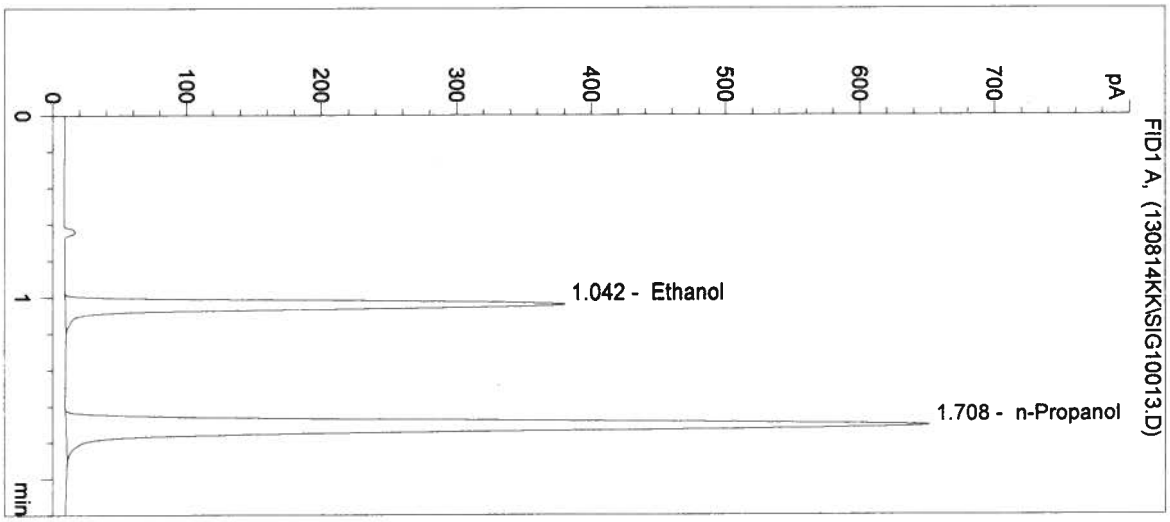
Data File: C:\HPCHEM\1\DATA\130814KK\SIG10012.D

KK

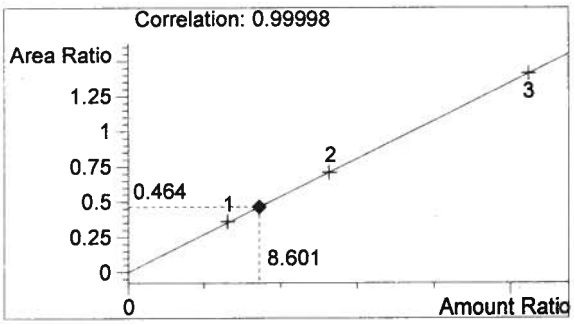
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 11:38:43 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

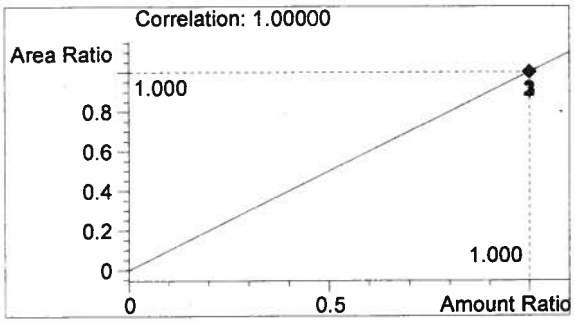
Sample Name: ESS 13041-04
Operator: Katie Knorr
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1183	1.042
2	n-Propanol	2551	1.708



Ethanol 0.103 g/100mL



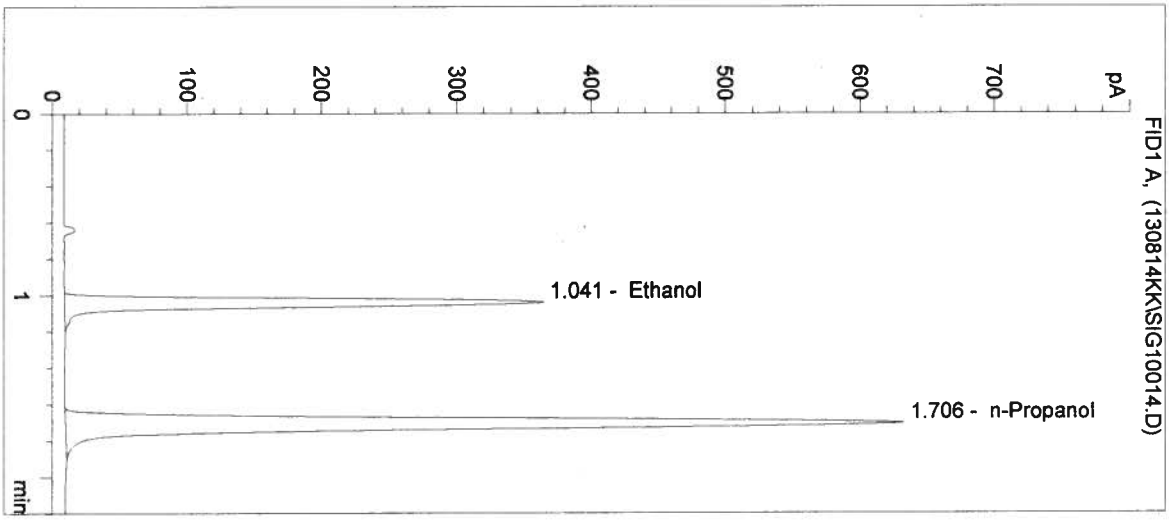
n-Propanol 0.012 g/100mL

KK

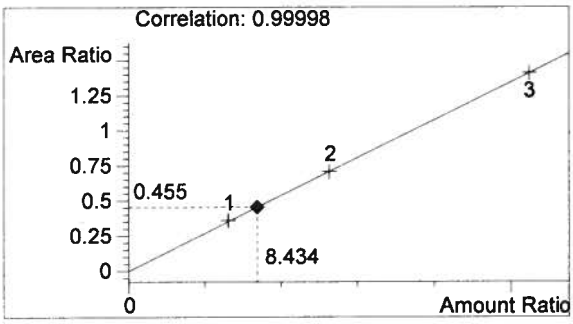
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 11:41:47 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

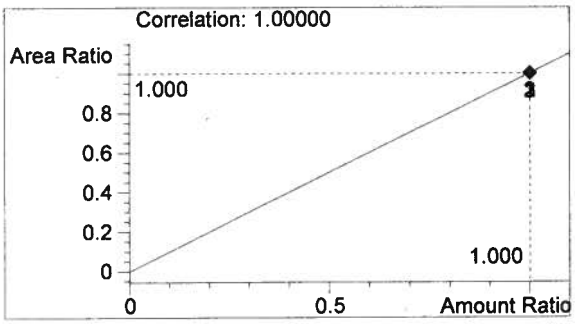
Sample Name: ESS 13041-05
Operator: Katie Knorr
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1127	1.041
2	n-Propanol	2479	1.706



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

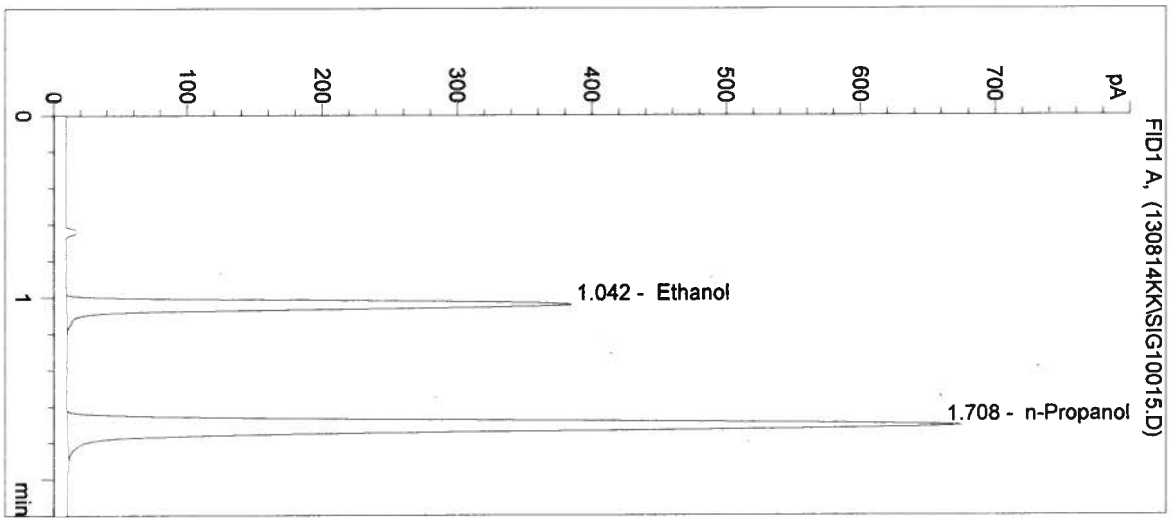
Data File: C:\HPCHEM\1\DATA\130814KK\SIG10014.D

KK

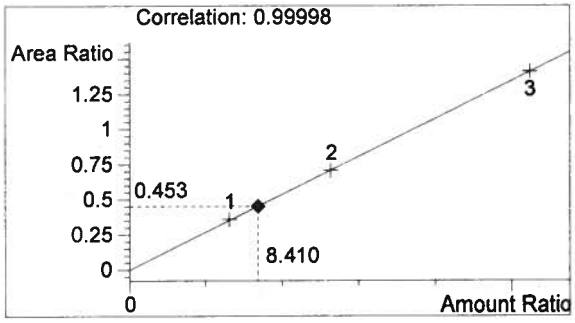
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 11:44:52 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

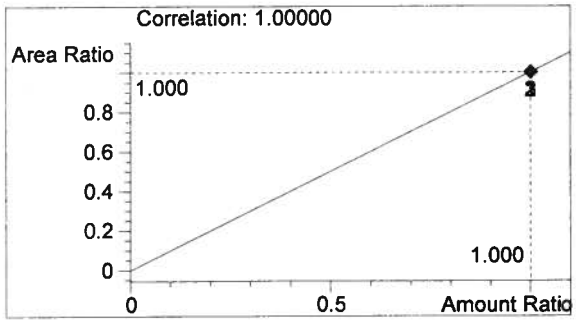
Sample Name: 0.10 CTRL
Operator: Katie Knorr
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1200	1.042
2	n-Propanol	2647	1.708



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

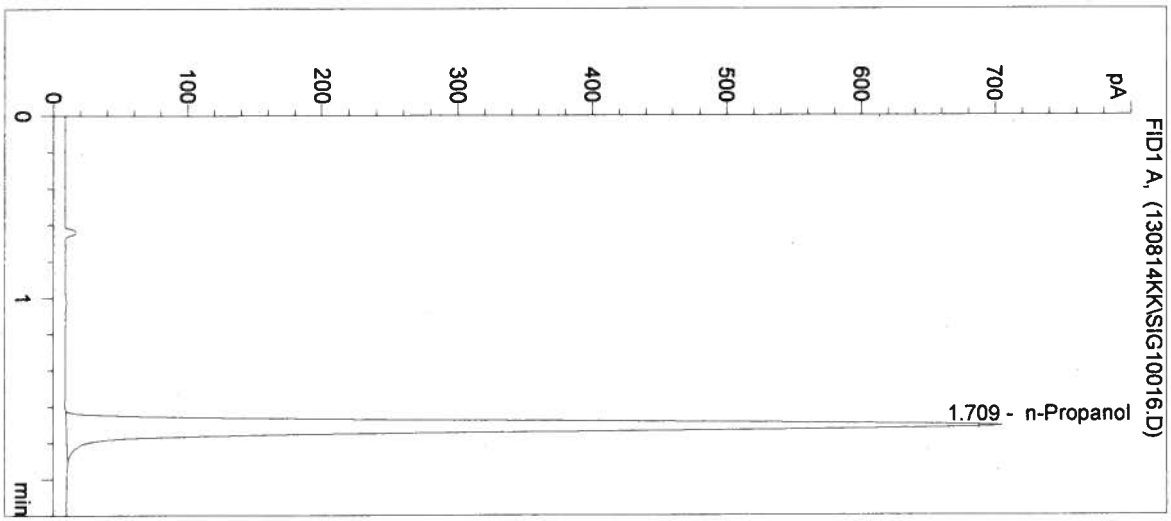
13041

KK

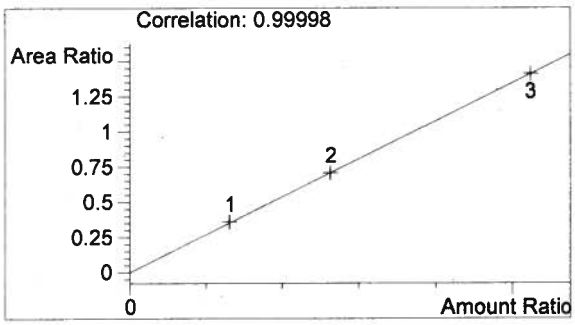
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 11:47:57 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

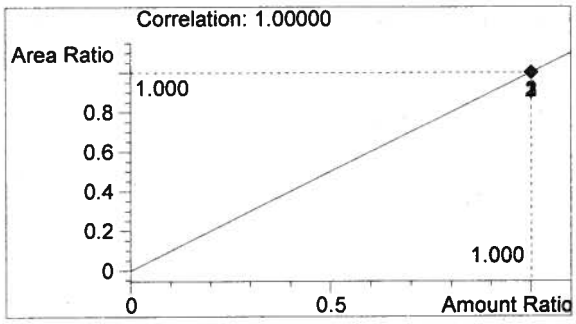
Sample Name: NEG CTRL
Operator: Katie Knorr
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2778	1.709



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13041

KK

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:	130814AC
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0713-01 - Exp. 01/24/14
Ethanol Calibrator 2, E0713-02 - Exp. 01/24/14
Ethanol Calibrator 3, E0713-03 - Exp. 01/24/14

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#P0713 - Exp. 10/08/2013

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 13041 #1	SIMALC1	1	Sample		
11	Vial 11	ESS 13041 #2	SIMALC1	1	Sample		
12	Vial 12	ESS 13041 #3	SIMALC1	1	Sample		
13	Vial 13	ESS 13041 #4	SIMALC1	1	Sample		
14	Vial 14	ESS 13041 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 Ctrl AC	SIMALC1	1	Ctrl Samp		
16	Vial 16	Negative AC	SIMALC1	1	Ctrl Samp		

13041

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 Table (Back Injector):

No entries - empty table!

13041

13084AC
AC

Calibration Table

Calib. Data Modified : Wednesday, August 14, 2013 2:50:06 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	7.87500e-2	927.43982	8.49112e-5	1		Ethanol
		2	1.58140e-1	1751.55347	9.02856e-5			
		3	3.14420e-1	3422.19067	9.18768e-5			
1.708	1	1	1.20000e-2	2595.28271	4.62377e-6	I1		n-Propanol
		2	1.20000e-2	2485.82690	4.82737e-6			
		3	1.20000e-2	2467.01929	4.86417e-6			

Peak Sum Table

No Entries in table

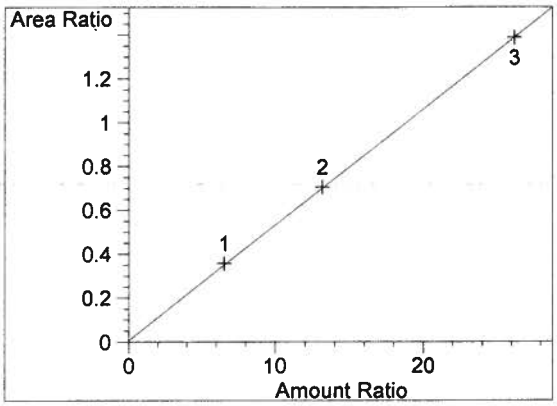
13041

130814AC
ac

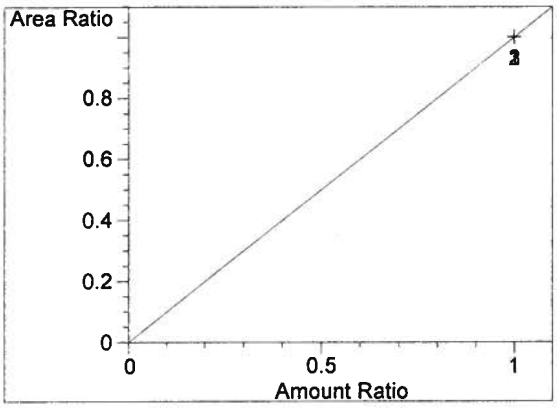
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.042
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00599
Formula: y = mx + b
m: 5.28434e-2
b: 5.34711e-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

==========

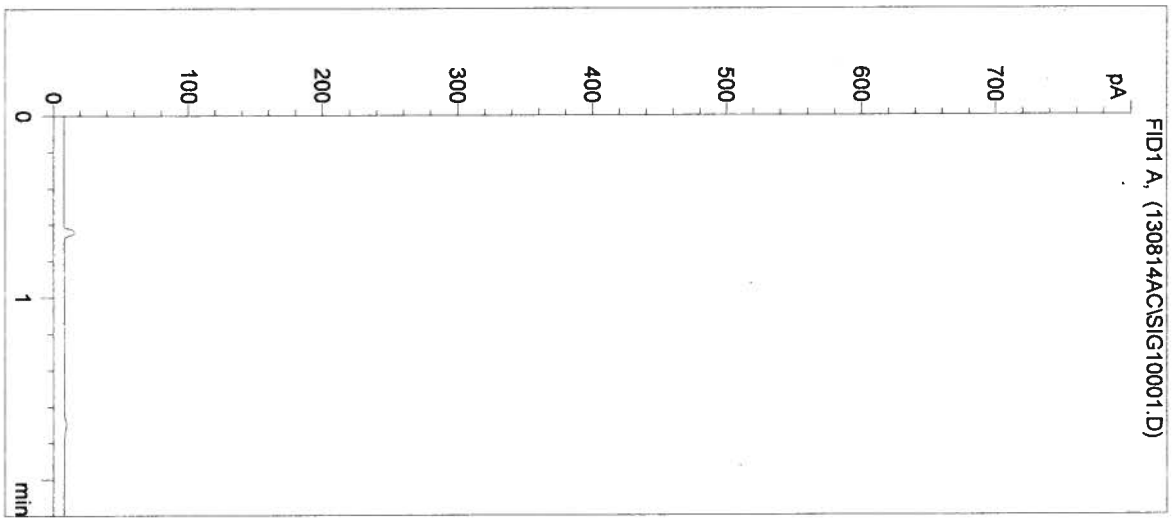
13041

B0814Ac
ac

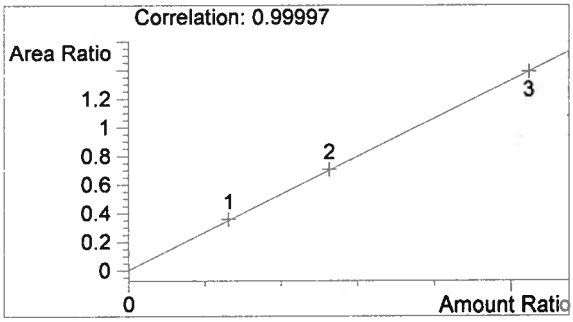
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 2:38:38 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

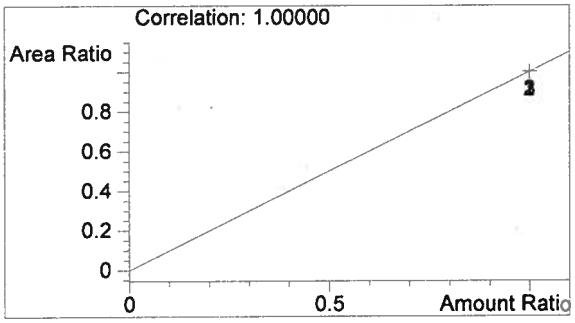
Sample Name: BLANK
Operator: Amanda Chandler
Location: Vial 1



#	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

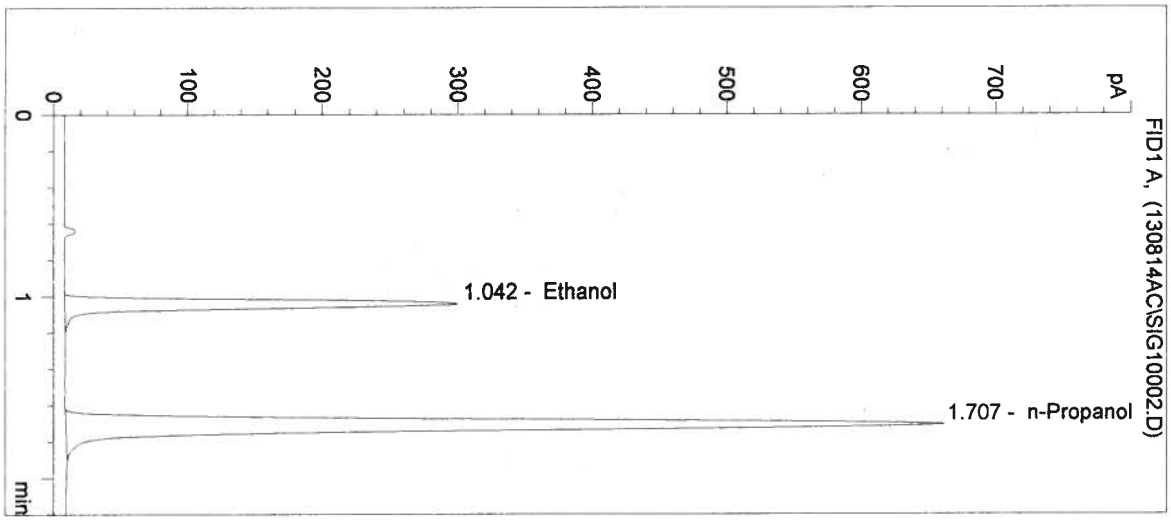
13041

Data File: C:\HPCHEM\1\DATA\130814AC\SIG10001.D

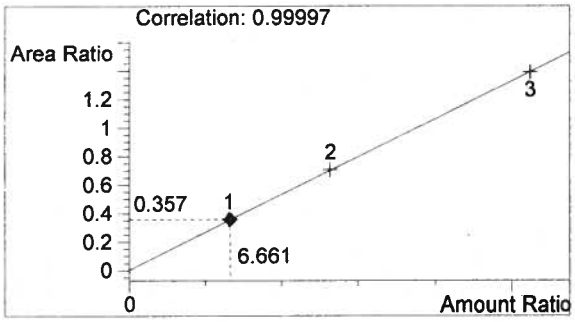
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 2:41:43 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

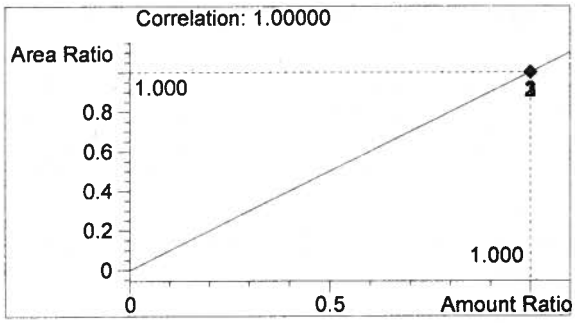
Sample Name: 0.079 CAL 1
Operator: Amanda Chandler
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	927	1.042
2	n-Propanol	2595	1.707



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

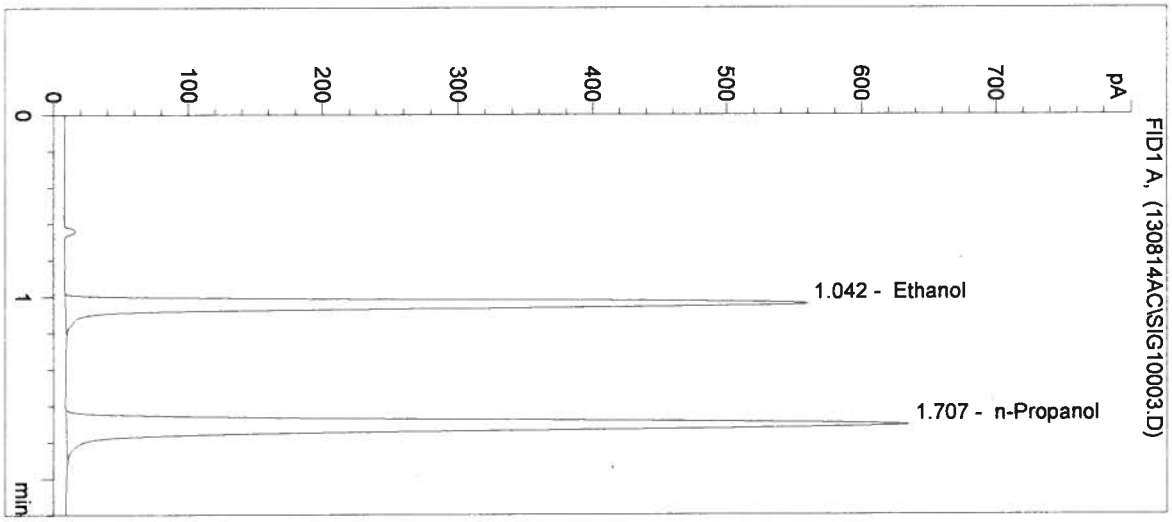
13041

Data File: C:\HPCHEM\1\DATA\130814AC\SIG10002.D

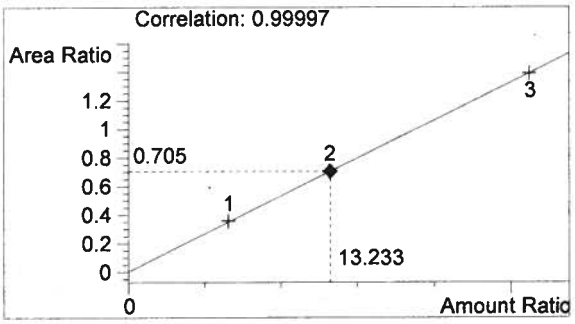
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 2:44:48 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

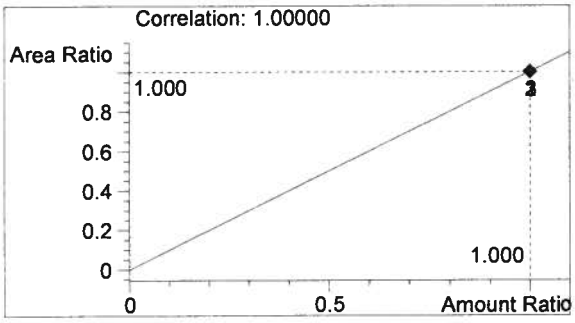
Sample Name: 0.158 CAL 2
Operator: Amanda Chandler
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1752	1.042
2	n-Propanol	2486	1.707



Ethanol 0.159 g/100mL



n-Propanol 0.012 g/100mL

13041

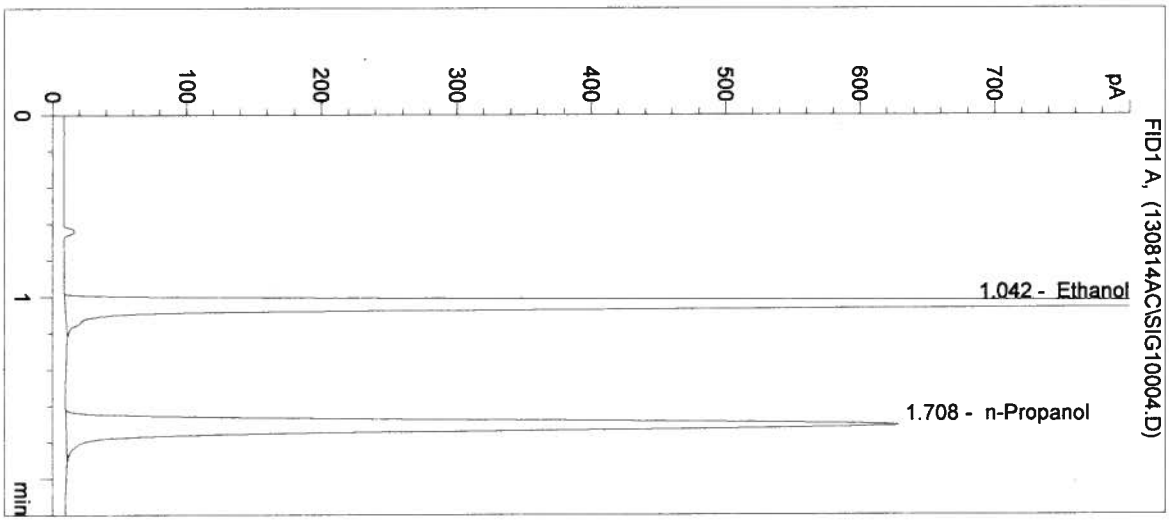
Data File: C:\HPCHEM\1\DATA\130814AC\SIG10003.D

AC

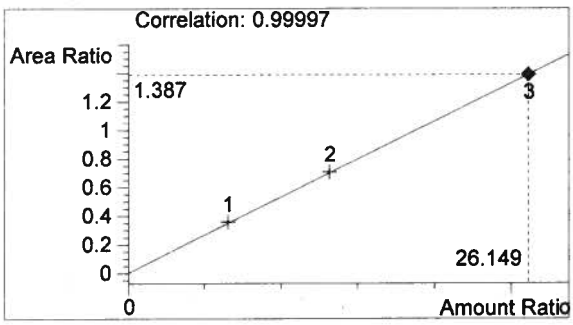
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 2:47:53 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

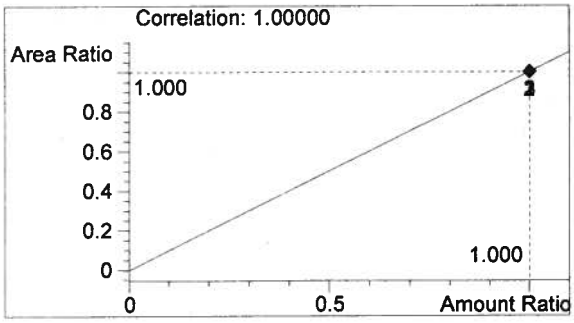
Sample Name: 0.316 CAL 3
Operator: Amanda Chandler
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3422	1.042
2	n-Propanol	2467	1.708



Ethanol 0.314 g/100mL



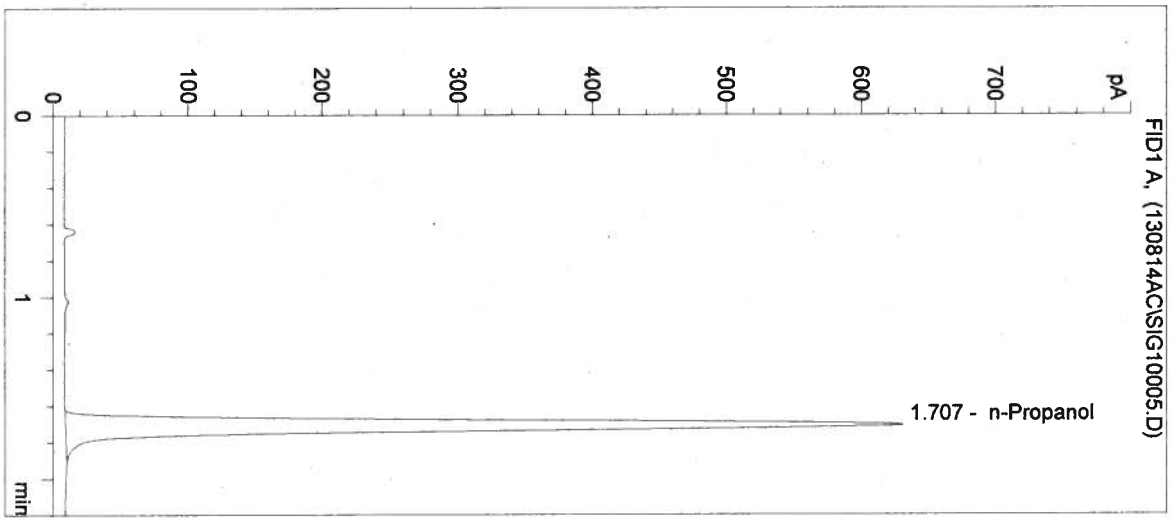
n-Propanol 0.012 g/100mL

13041

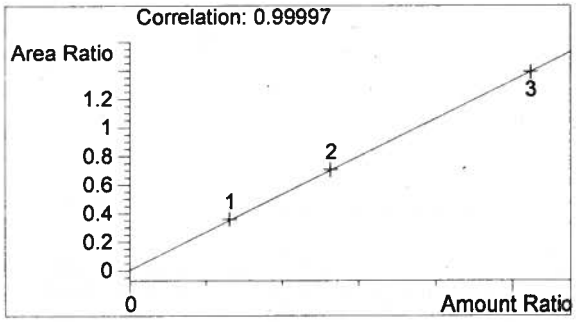
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 2:50:57 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

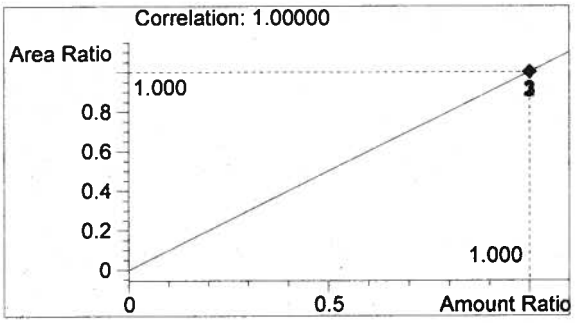
Sample Name: Negative AC
Operator: Amanda Chandler
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2480	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13041

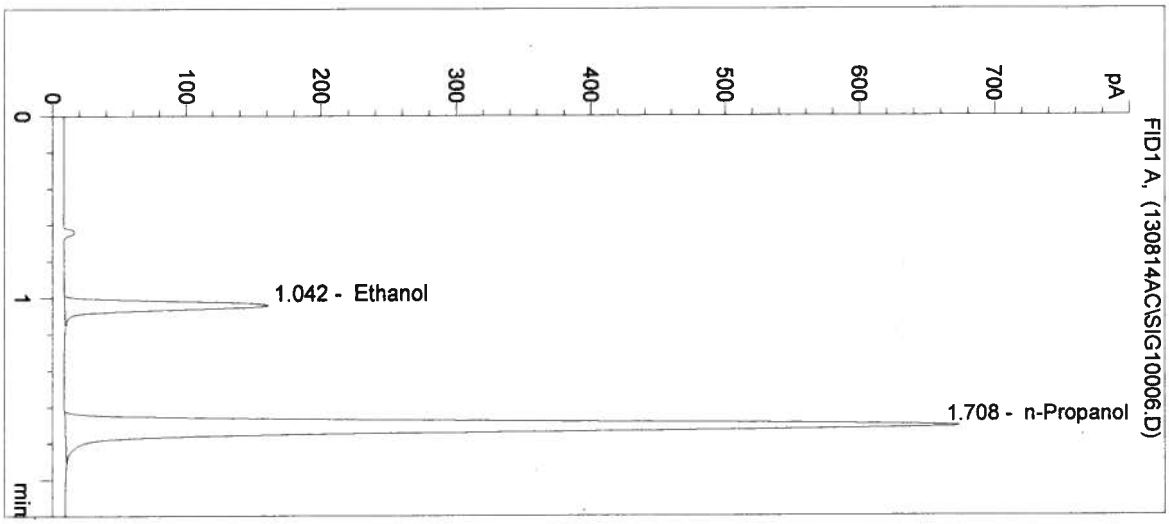
Data File: C:\HPCHEM\1\DATA\130814AC\SIG10005.D

AC

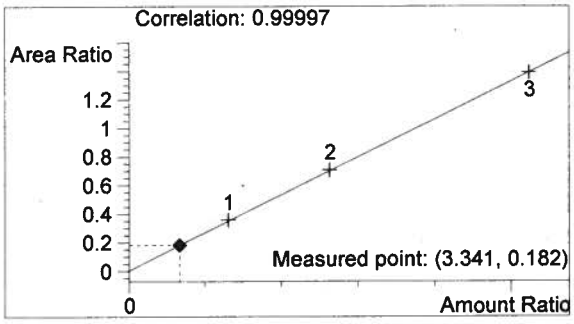
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 2:54:02 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

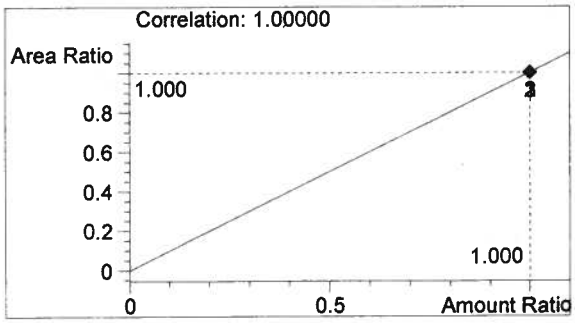
Sample Name: 0.04 Ctrl AC
Operator: Amanda Chandler
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	482	1.042
2	n-Propanol	2650	1.708



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

13041

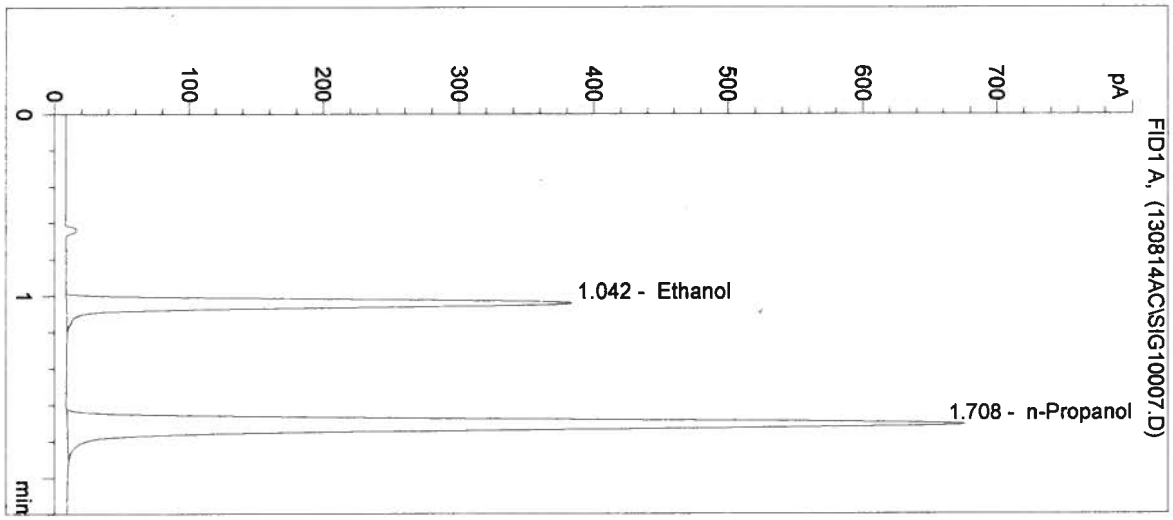
Data File: C:\HPCHEM\1\DATA\130814AC\SIG10006.D

AC

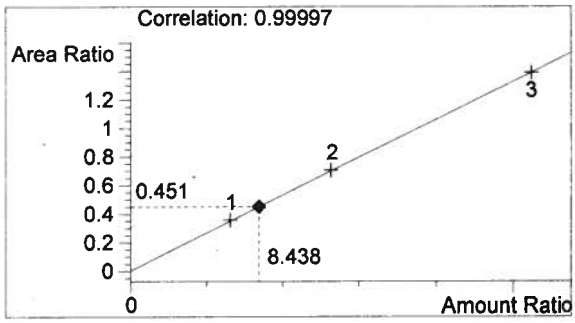
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 2:57:07 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

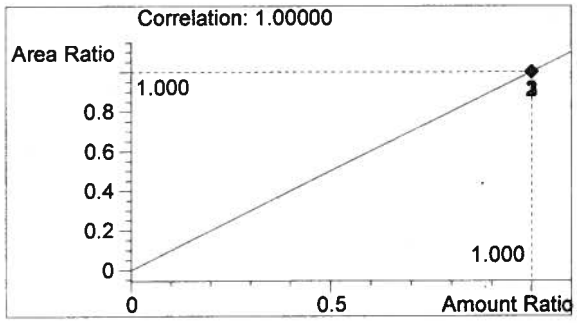
Sample Name: 0.10 Ctrl AC
Operator: Amanda Chandler
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1199	1.042
2	n-Propanol	2658	1.708



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

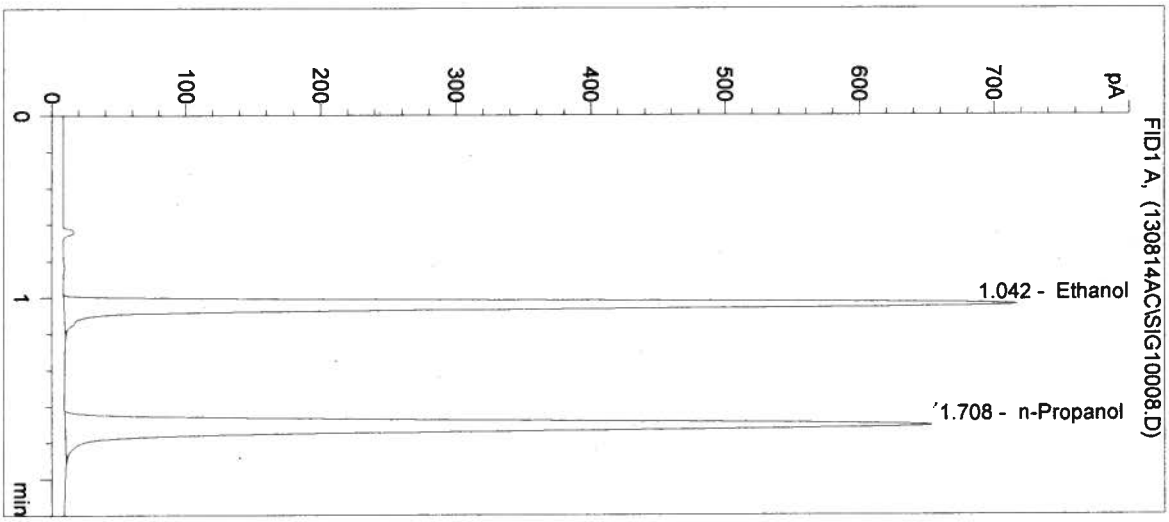
13041

Data File: C:\HPCHEM\1\DATA\130814AC\SIG10007.D

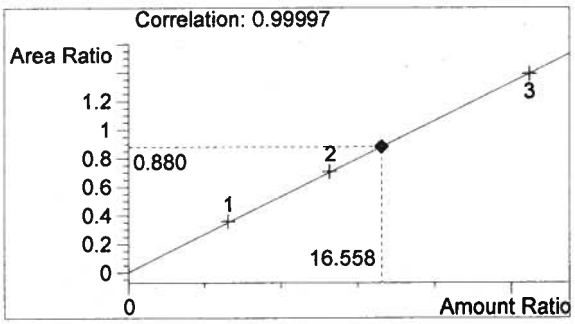
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 3:00:11 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

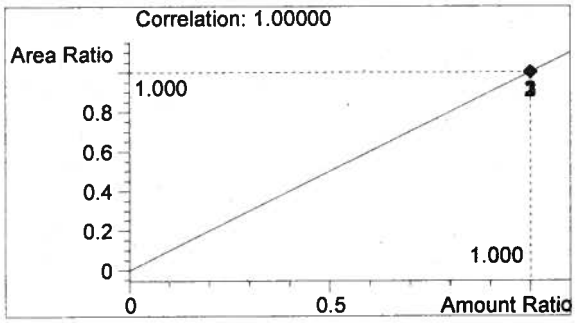
Sample Name: 0.20 Ctrl AC
Operator: Amanda Chandler
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2263	1.042
2	n-Propanol	2570	1.708



Ethanol 0.199 g/100mL



n-Propanol 0.012 g/100mL

13041

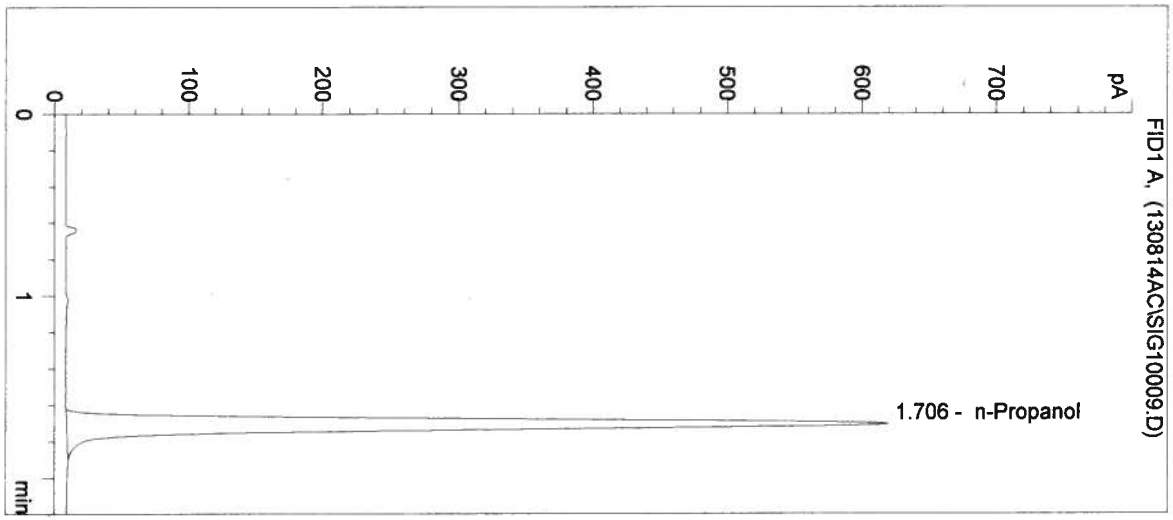
AC

Data File: C:\HPCHEM\1\DATA\130814AC\SIG10008.D

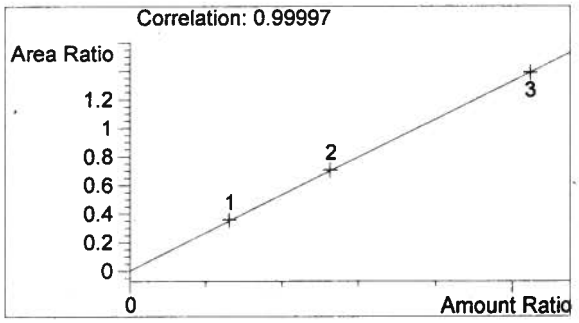
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 3:03:16 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

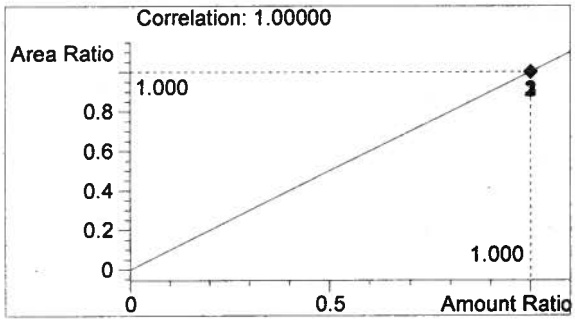
Sample Name: Negative AC
Operator: Amanda Chandler
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2433	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

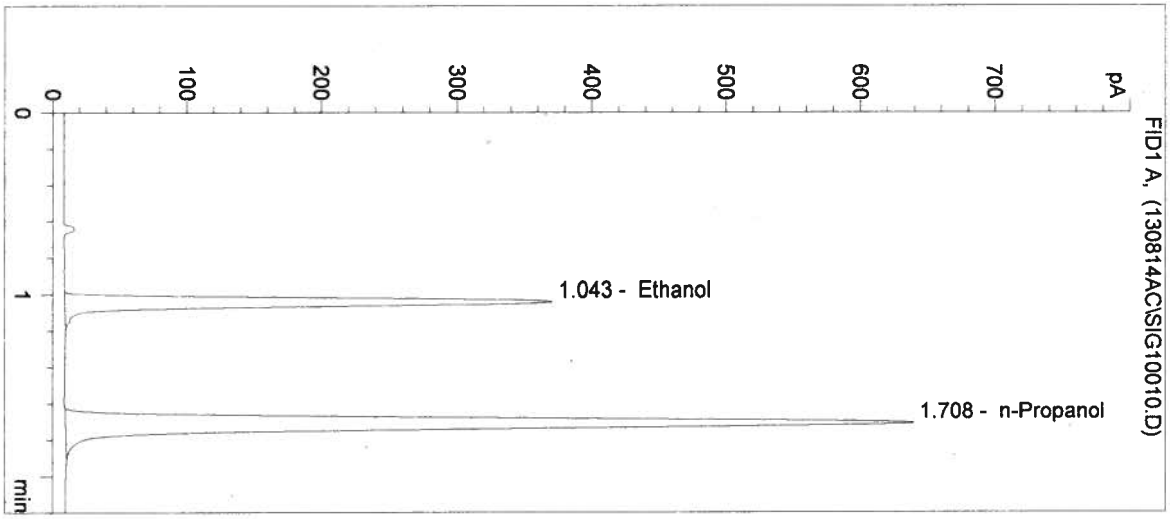
13041

Data File: C:\HPCHEM\1\DATA\130814AC\SIG10009.D

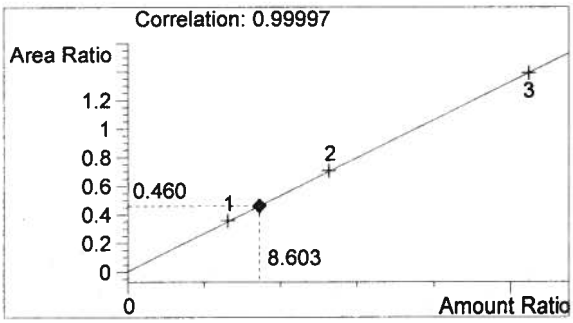
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 3:06:21 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

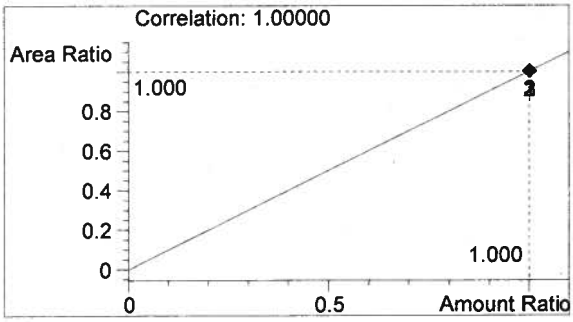
Sample Name: ESS 13041 #1
Operator: Amanda Chandler
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1156	1.043
2	n-Propanol	2513	1.708



Ethanol 0.103 g/100mL

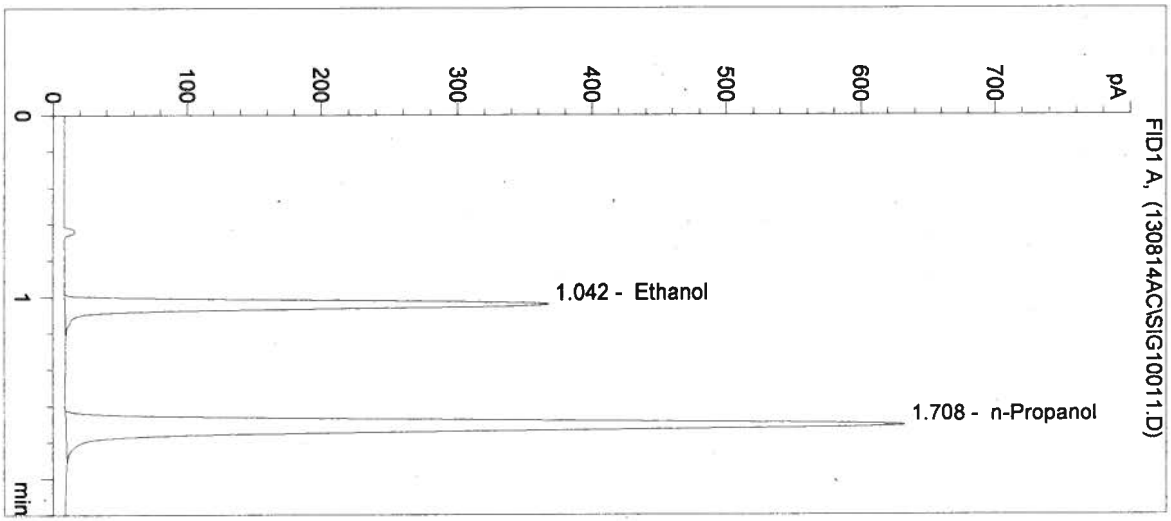


n-Propanol 0.012 g/100mL

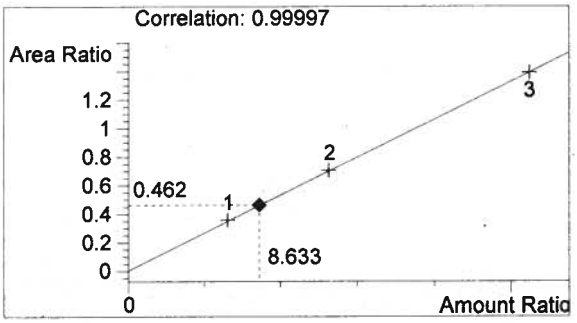
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 3:09:25 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

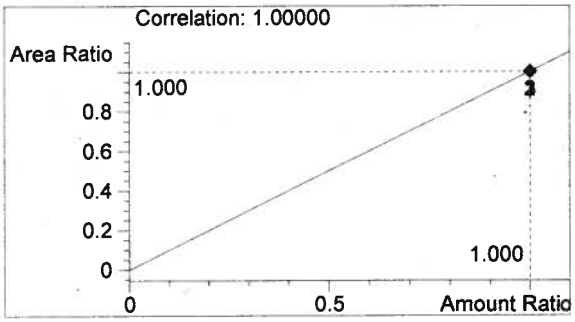
Sample Name: ESS 13041 #2
Operator: Amanda Chandler
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1148	1.042
2	n-Propanol	2488	1.708



Ethanol 0.104 g/100mL

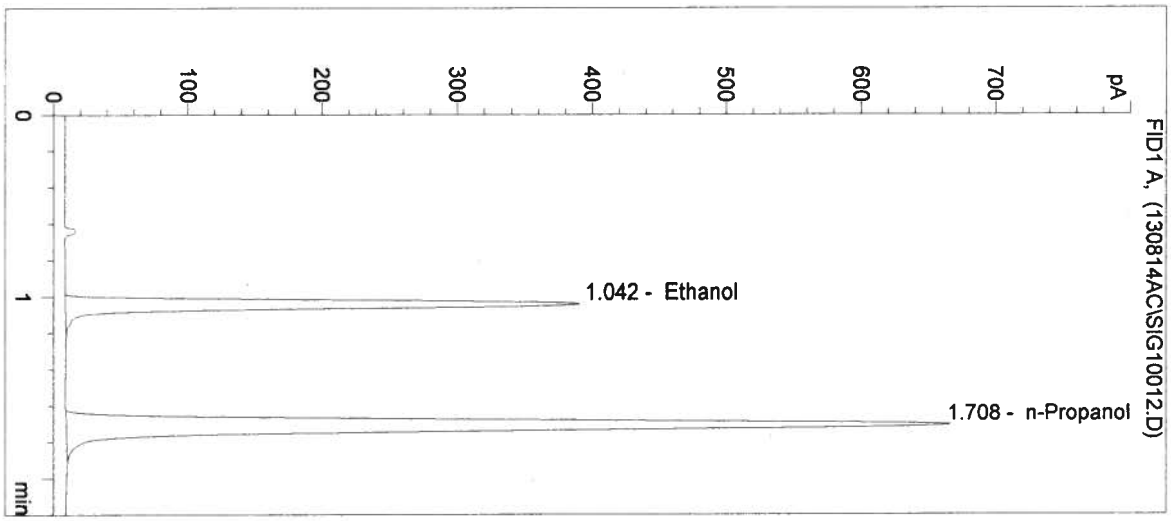


n-Propanol 0.012 g/100mL

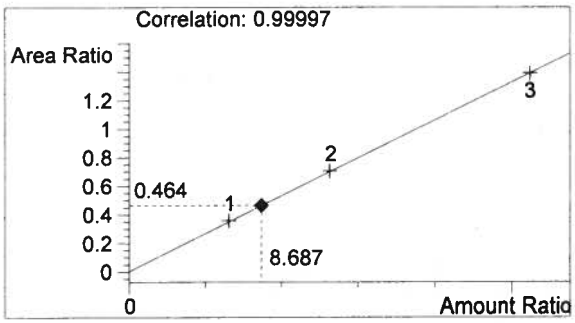
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 3:12:30 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

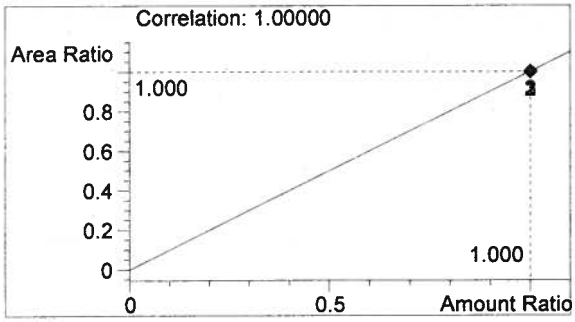
Sample Name: ESS 13041 #3
Operator: Amanda Chandler
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1217	1.042
2	n-Propanol	2620	1.708



Ethanol 0.104 g/100mL



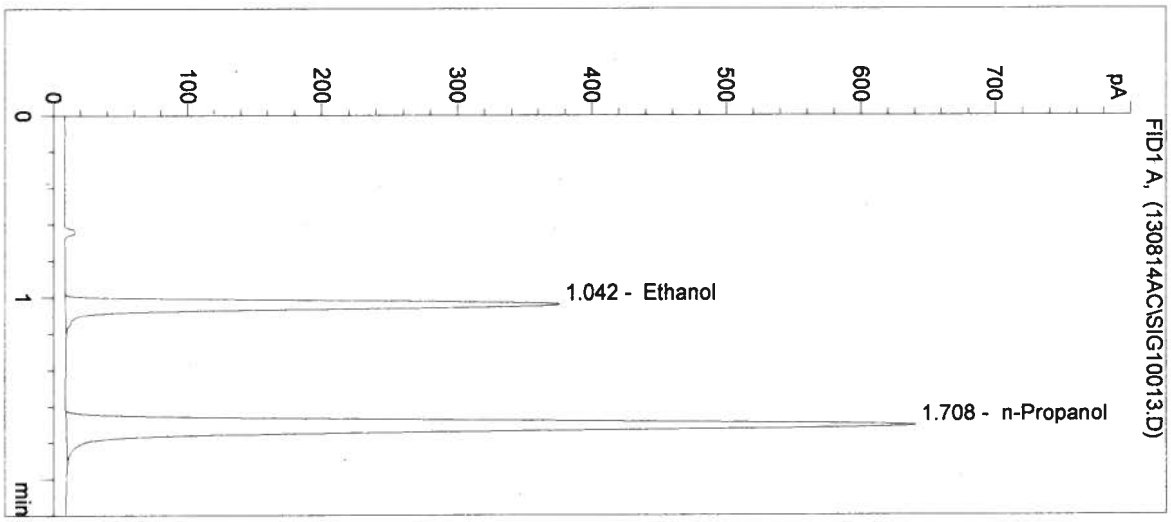
n-Propanol 0.012 g/100mL

AC

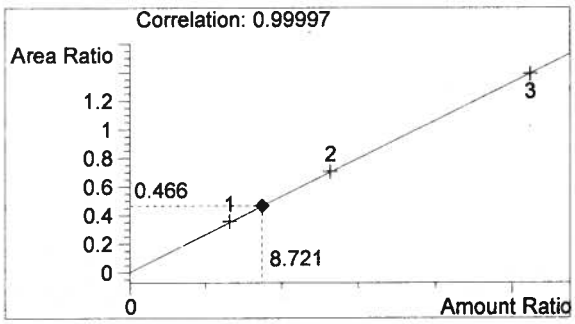
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 3:15:35 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

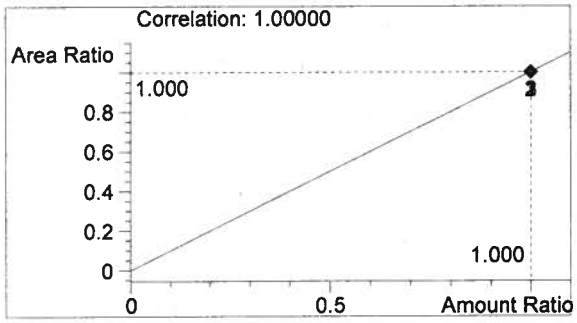
Sample Name: ESS 13041 #4
Operator: Amanda Chandler
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1172	1.042
2	n-Propanol	2514	1.708



Ethanol 0.105 g/100mL



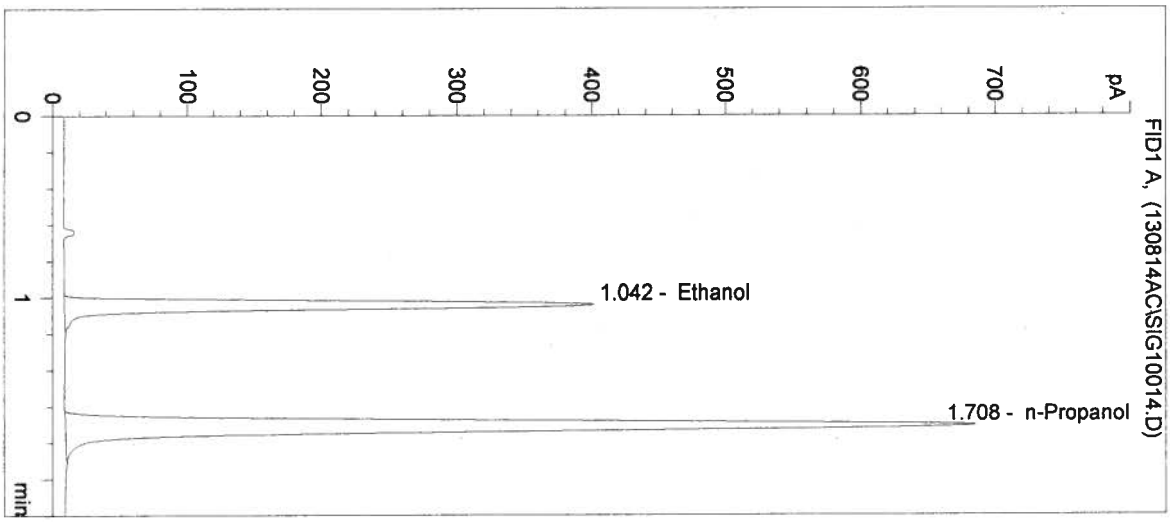
n-Propanol 0.012 g/100mL

AC

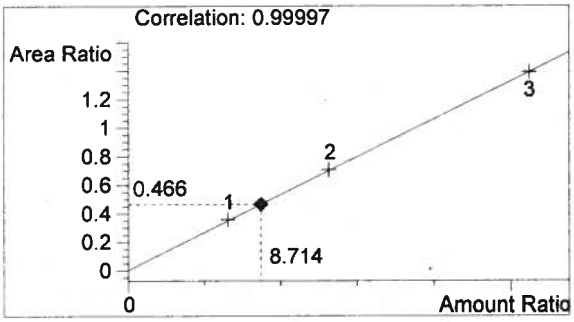
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 3:18:40 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

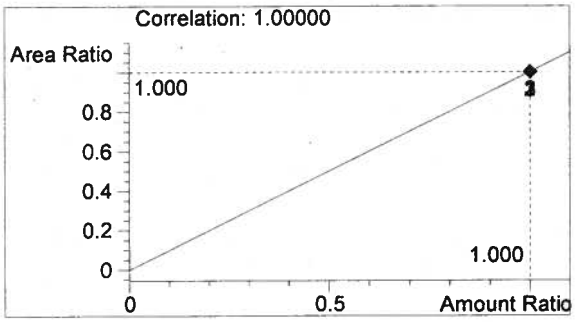
Sample Name: ESS 13041 #5
Operator: Amanda Chandler
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1255	1.042
2	n-Propanol	2695	1.708



Ethanol 0.105 g/100mL



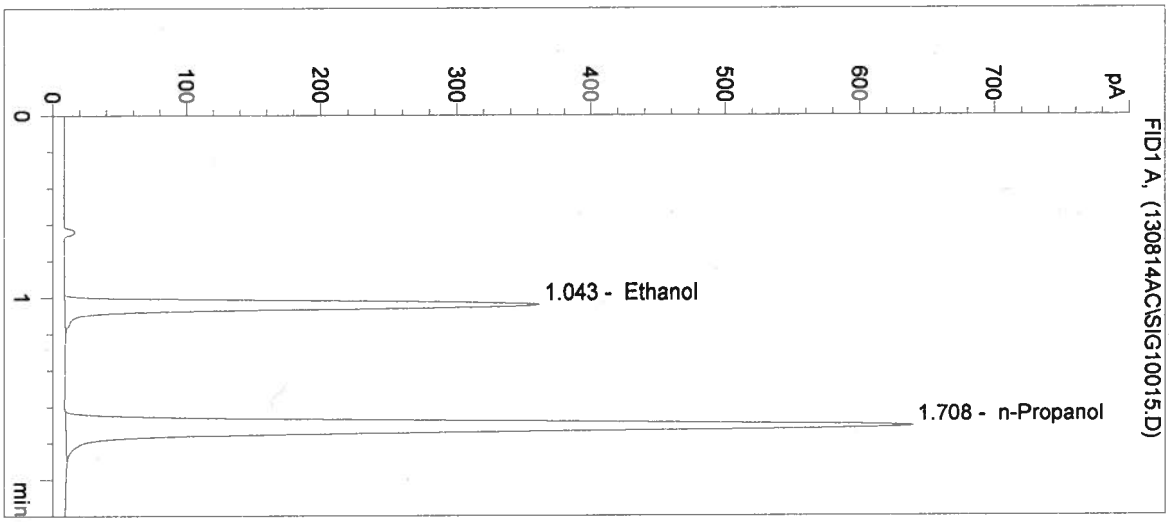
n-Propanol 0.012 g/100mL

RC

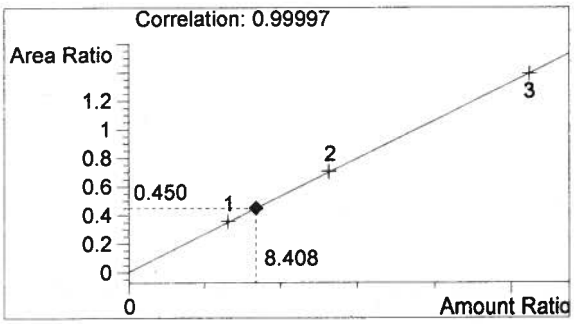
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 3:21:44 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

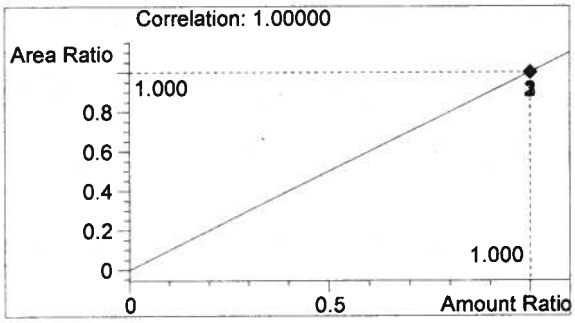
Sample Name: 0.10 Ctrl AC
Operator: Amanda Chandler
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1131	1.043
2	n-Propanol	2515	1.708



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

13041

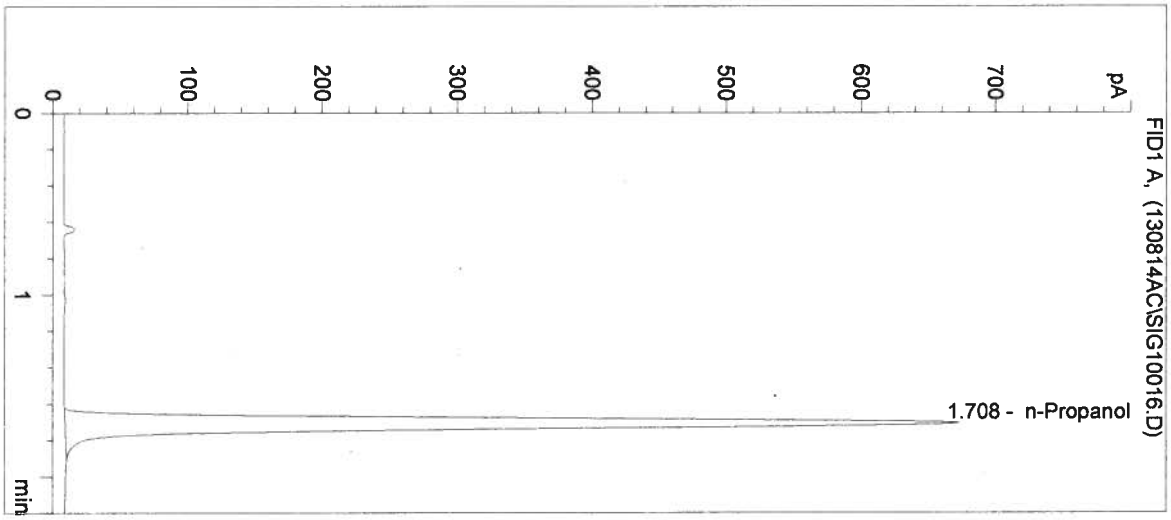
Data File: C:\HPCHEM\1\DATA\130814AC\SIG10015.D

AC

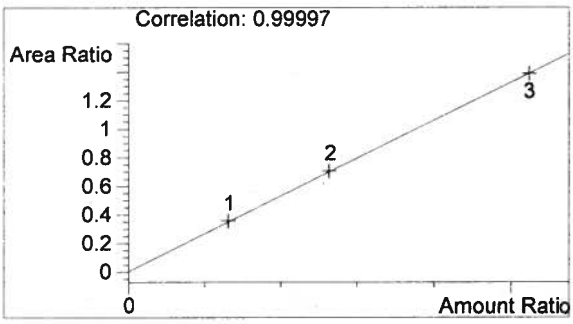
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 3:24:49 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

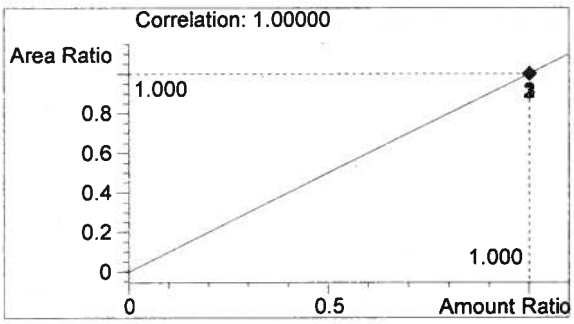
Sample Name: Negative AC
Operator: Amanda Chandler
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2647	1.708



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13041

AC

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:	130814LL
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0713-01 - Exp. 01/24/14
Ethanol Calibrator 2, E0713-02 - Exp. 01/24/14
Ethanol Calibrator 3, E0713-03 - Exp. 01/24/14

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#P0713 - Exp. 10/08/2013

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	13041#1	SIMALC1	1	Sample		
11	Vial 11	13041#2	SIMALC1	1	Sample		
12	Vial 12	13041#3	SIMALC1	1	Sample		
13	Vial 13	13041#4	SIMALC1	1	Sample		
14	Vial 14	13041#5	SIMALC1	1	Sample		
15	Vial 15	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
16	Vial 16	Negative	SIMALC1	1	Ctrl Samp		

13041

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\LLESS.S

Sequence Table (Back Injector):

No entries - empty table!

13041

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

Calibration Table

Calib. Data Modified : Wednesday, August 14, 2013 4:02:10 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
1.043	1	1	7.87500e-2	870.28577	9.04875e-5	1		Ethanol
		2	1.58140e-1	1858.91711	8.50710e-5			
		3	3.14420e-1	3658.23071	8.59487e-5			
1.708	1	1	1.20000e-2	2465.44385	4.86728e-6	I1		n-Propanol
		2	1.20000e-2	2619.92920	4.58028e-6			
		3	1.20000e-2	2594.91357	4.62443e-6			

Peak Sum Table

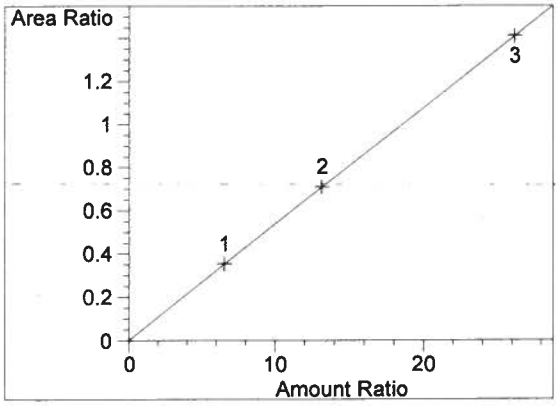
No Entries in table

13041

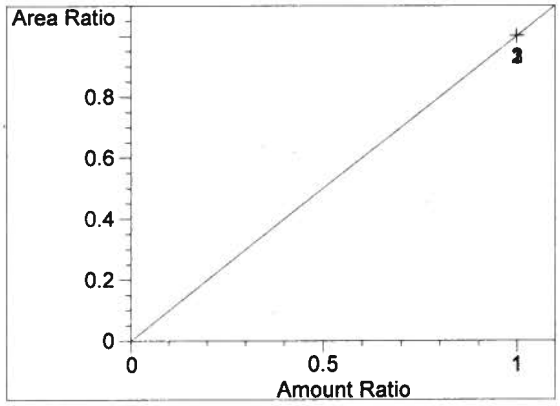
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.043
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00031
Formula: y = mx + b
m: 5.38080e-2
b: 5.44501e-5
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

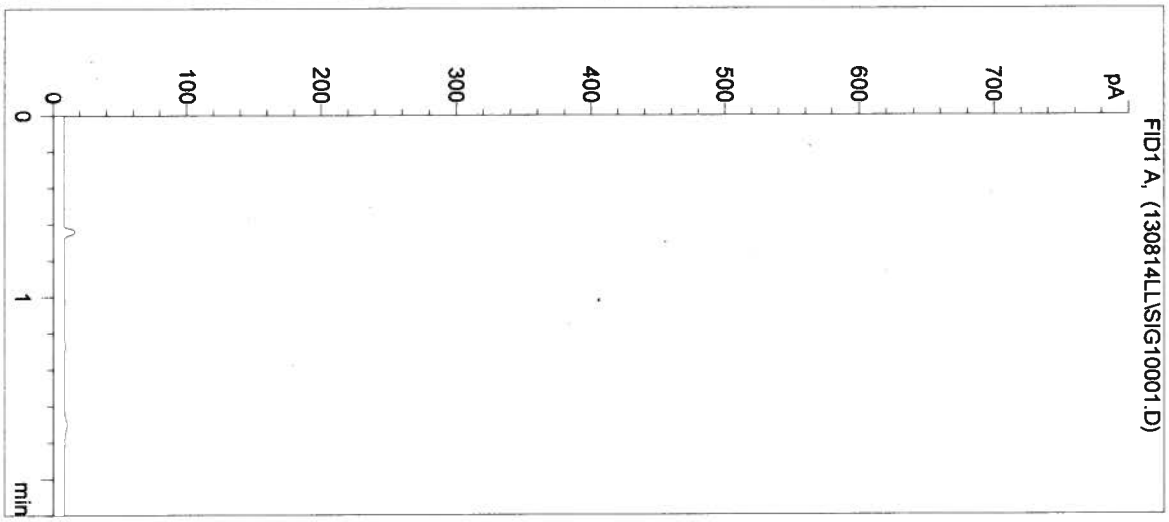
==========

13041

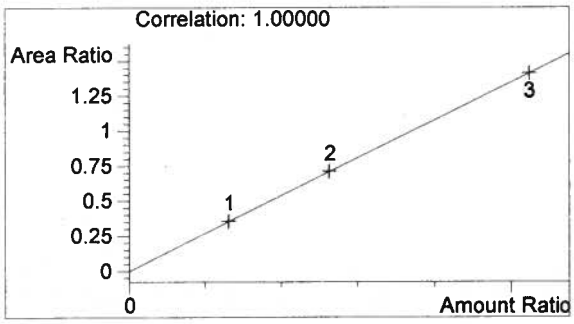
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 3:50:43 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

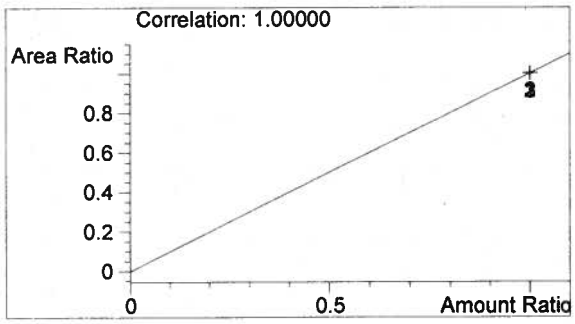
Sample Name: BLANK
Operator: Lyndsey Lowe
Location: Vial 1



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



Ethanol 0.000 g/100mL



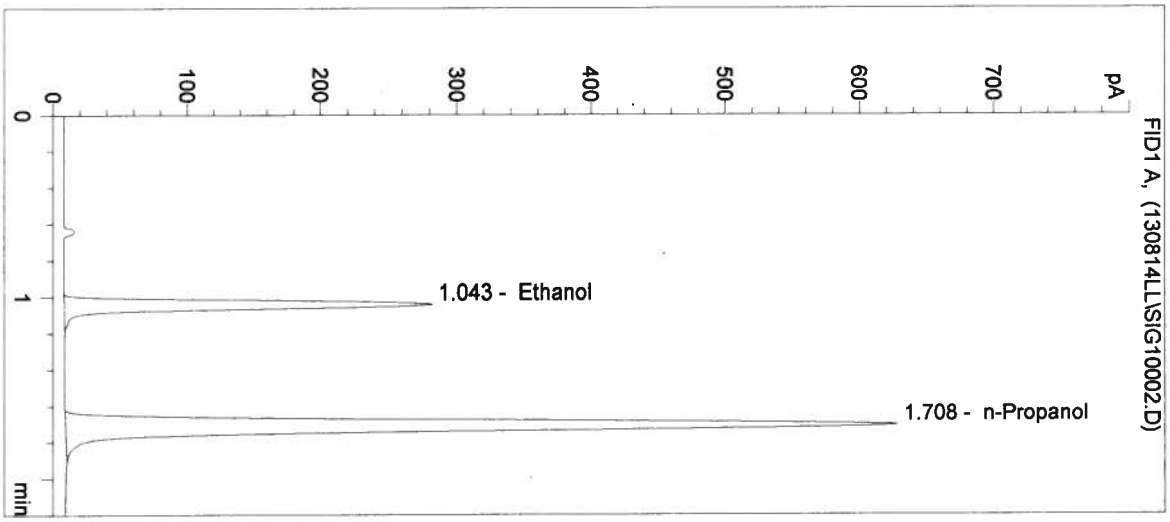
n-Propanol 0.000 g/100mL

13041

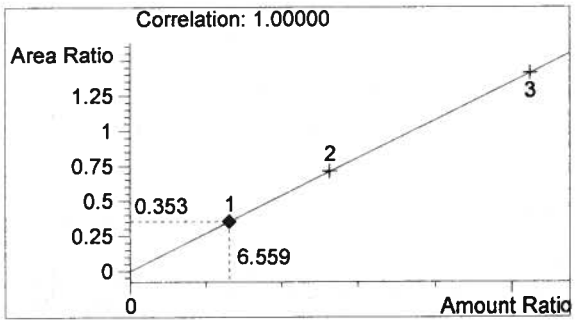
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 3:53:47 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

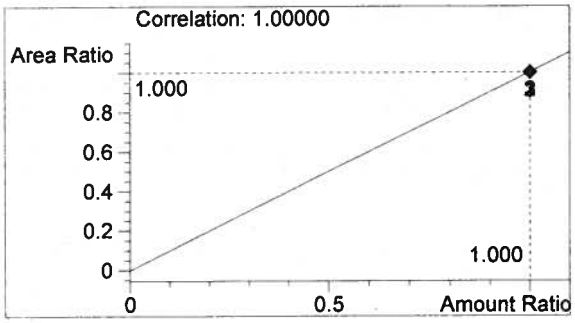
Sample Name: 0.079 CAL 1
Operator: Lyndsey Lowe
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	870	1.043
2	n-Propanol	2465	1.708



Ethanol 0.079 g/100mL



n-Propanol 0.012 g/100mL

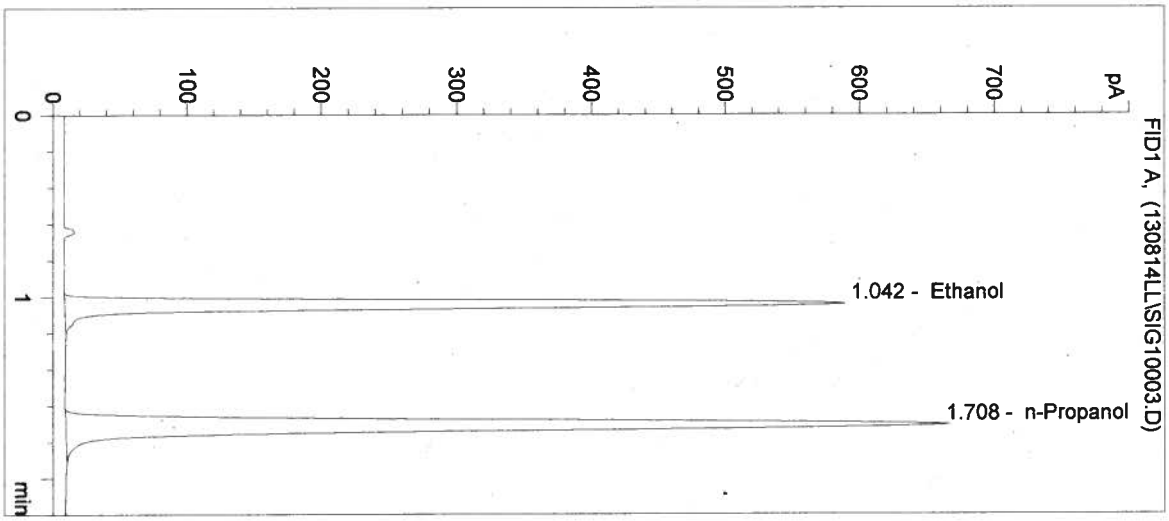
13041

Data File: C:\HPCHEM\1\DATA\130814LL\SIG10002.D

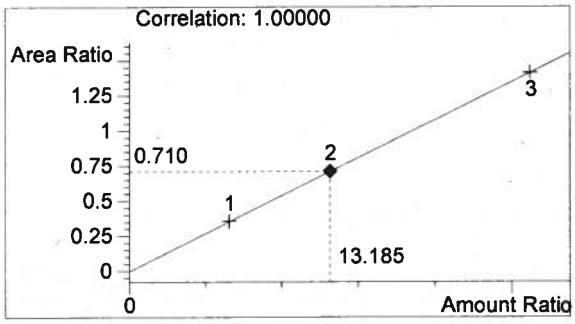
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 3:56:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

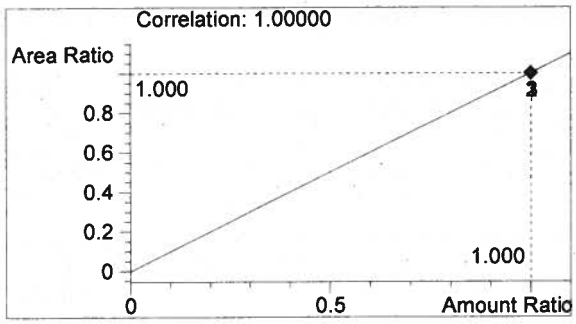
Sample Name: 0.158 CAL 2
Operator: Lyndsey Lowe
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1859	1.042
2	n-Propanol	2620	1.708



Ethanol 0.158 g/100mL



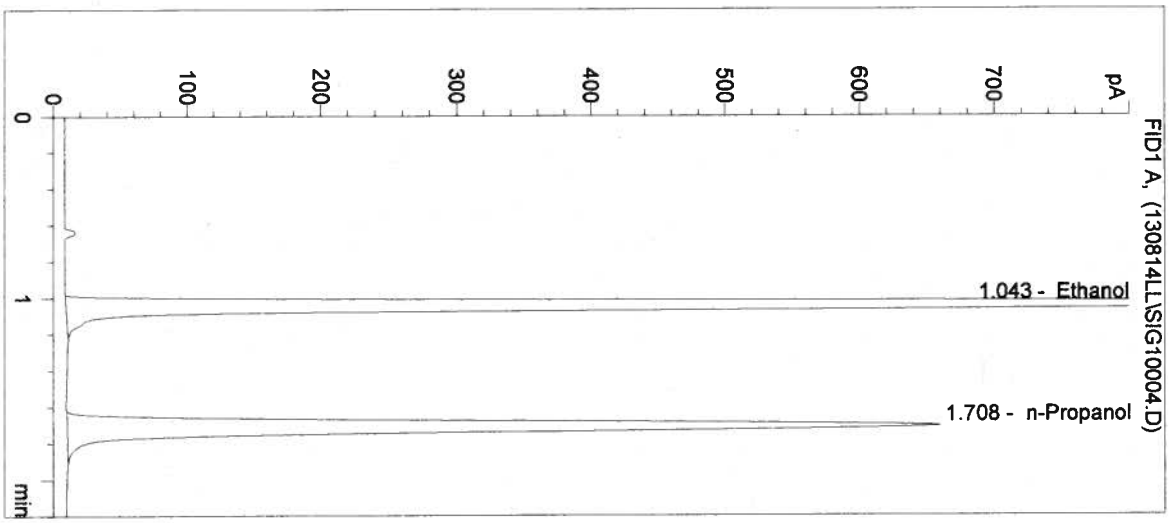
n-Propanol 0.012 g/100mL

13041

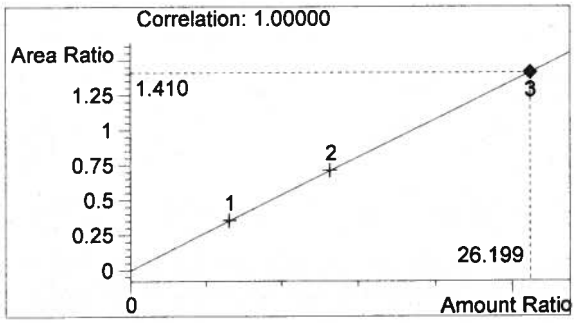
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 3:59:57 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

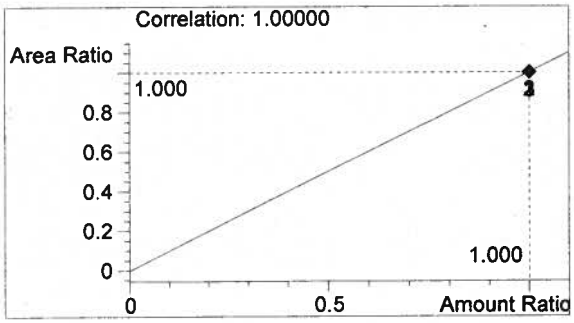
Sample Name: 0.316 CAL 3
Operator: Lyndsey Lowe
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3658	1.043
2	n-Propanol	2595	1.708



Ethanol 0.314 g/100mL



n-Propanol 0.012 g/100mL

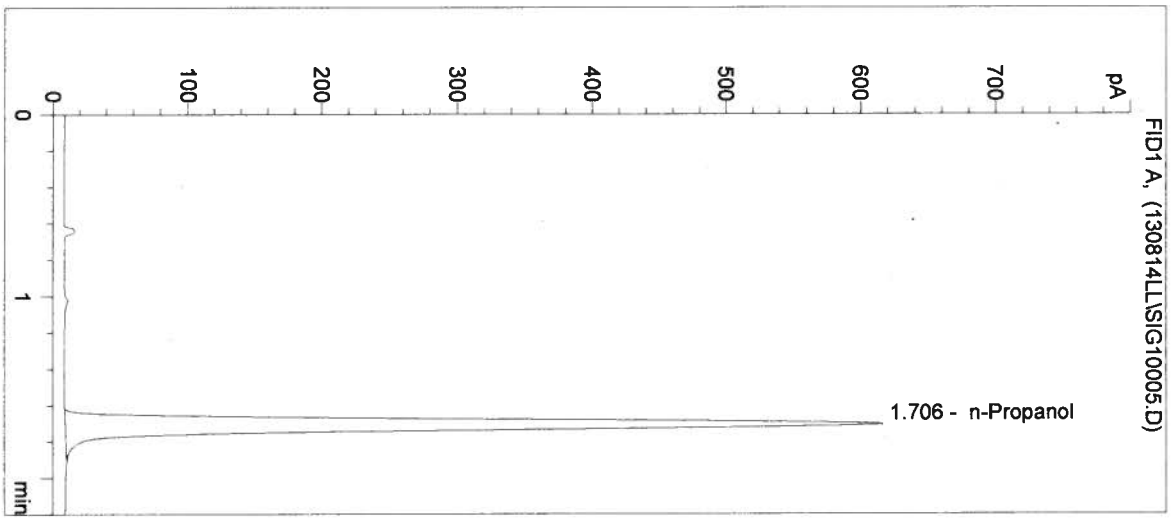
u

13041

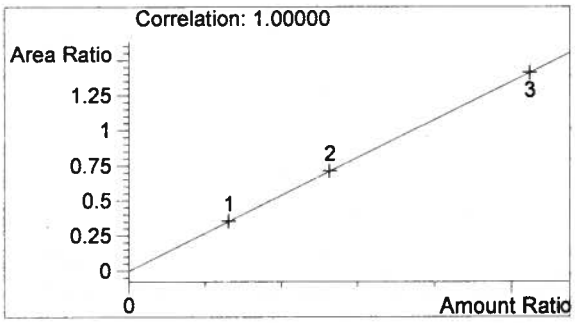
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 4:03:02 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

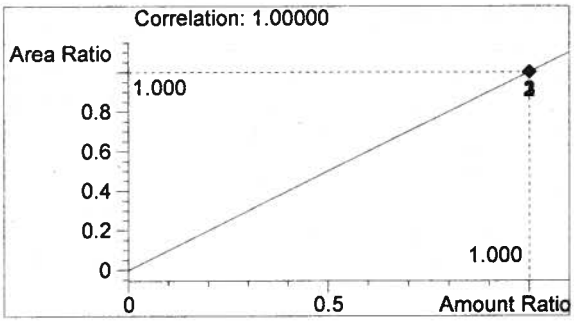
Sample Name: Negative
Operator: Lyndsey Lowe
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2420	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

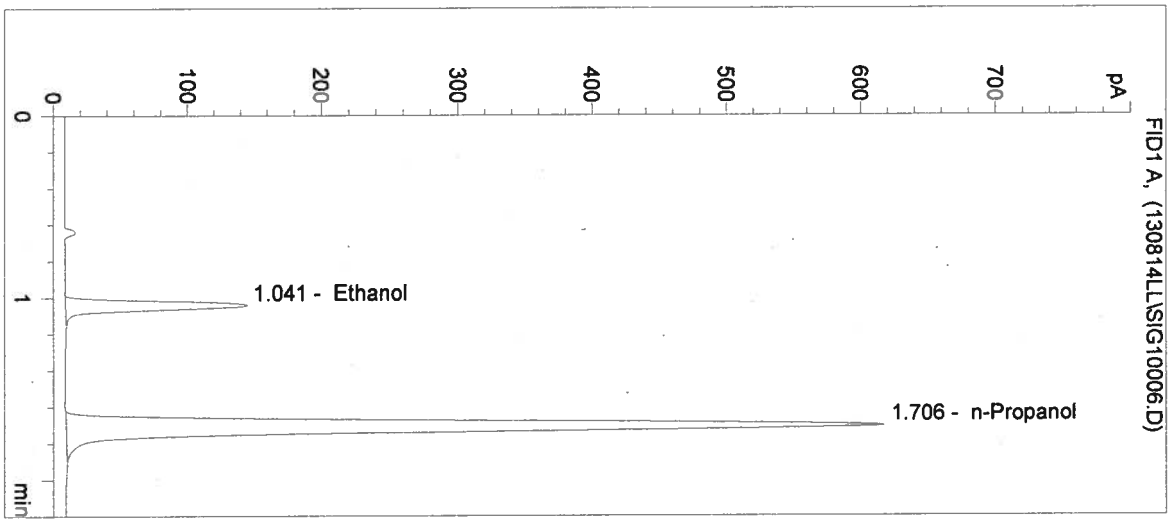
13041

Data File: C:\HPCHEM\1\DATA\130814LL\SIG10005.D

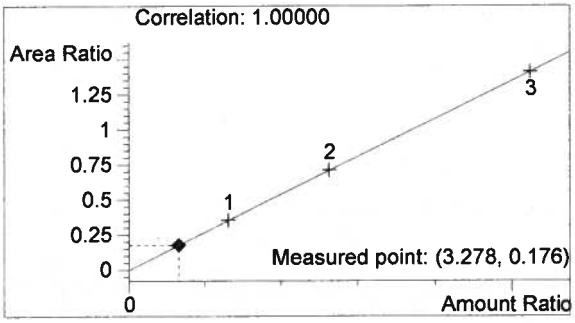
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 4:06:06 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

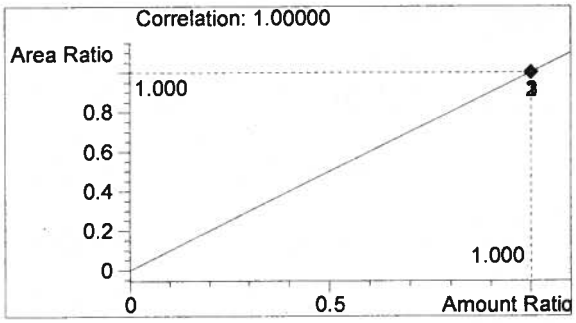
Sample Name: 0.04 Ctrl
Operator: Lyndsey Lowe
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	429	1.041
2	n-Propanol	2431	1.706



Ethanol 0.039 g/100mL



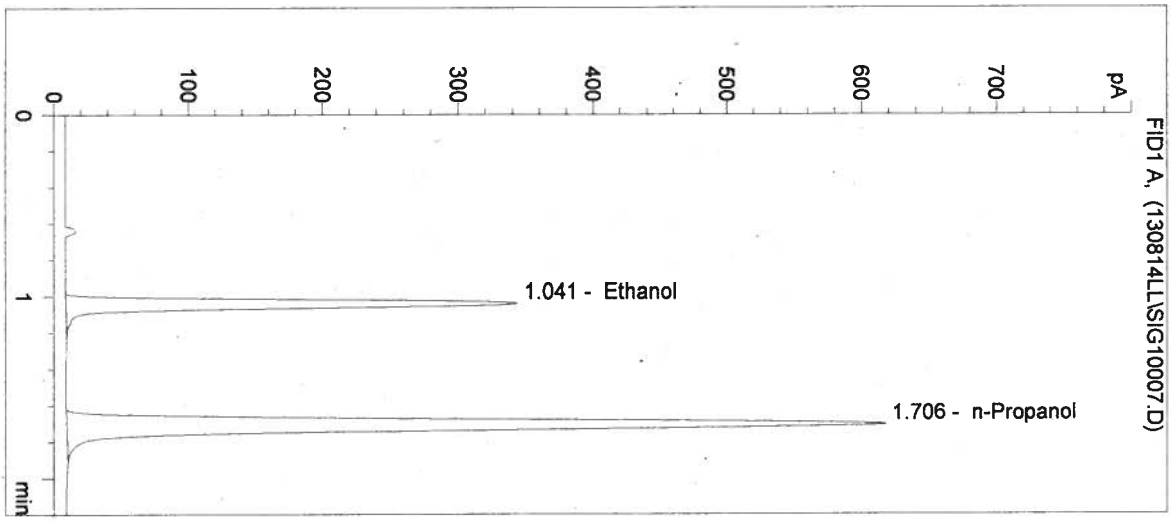
n-Propanol 0.012 g/100mL

13041

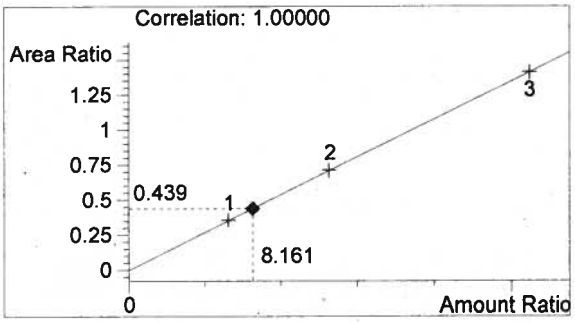
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 4:09:11 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

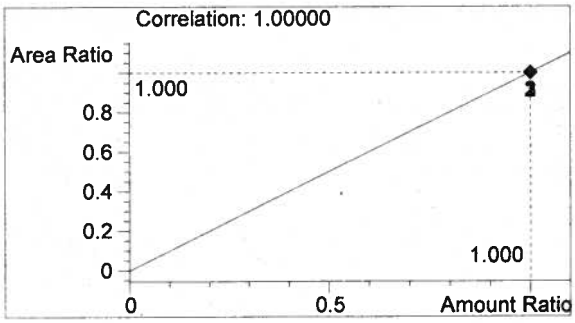
Sample Name: 0.10 Ctrl
Operator: Lyndsey Lowe
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1065	1.041
2	n-Propanol	2424	1.706



Ethanol 0.098 g/100mL



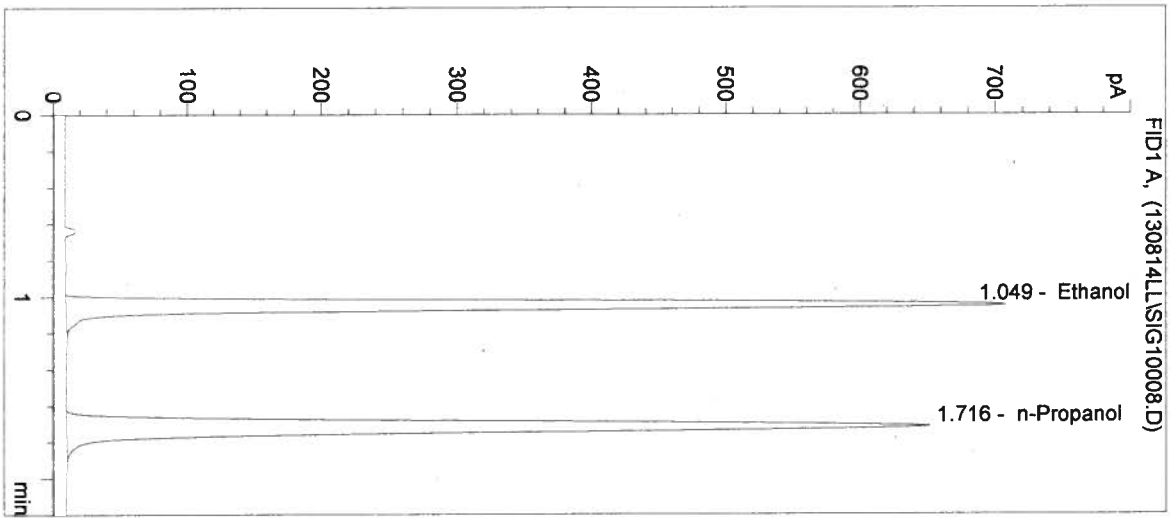
n-Propanol 0.012 g/100mL

13041

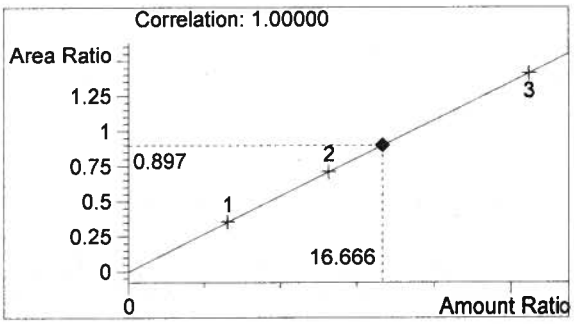
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 4:12:16 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

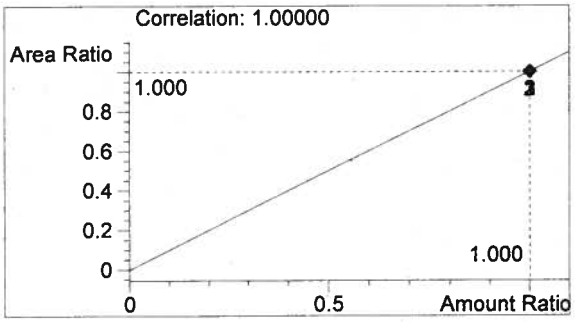
Sample Name: 0.20 Ctrl
Operator: Lyndsey Lowe
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2360	1.049
2	n-Propanol	2632	1.716



Ethanol 0.200 g/100mL



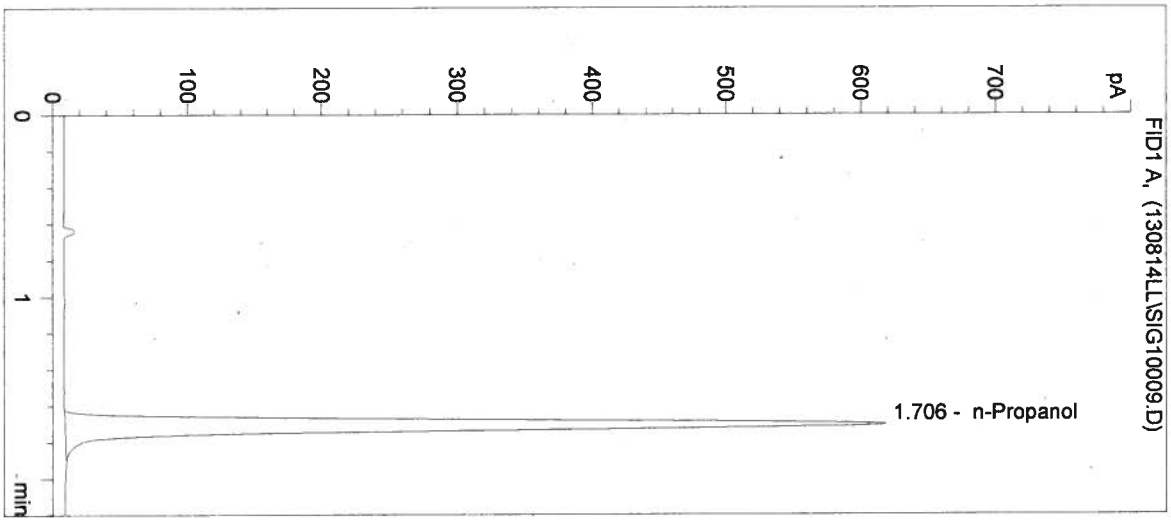
n-Propanol 0.012 g/100mL

13041

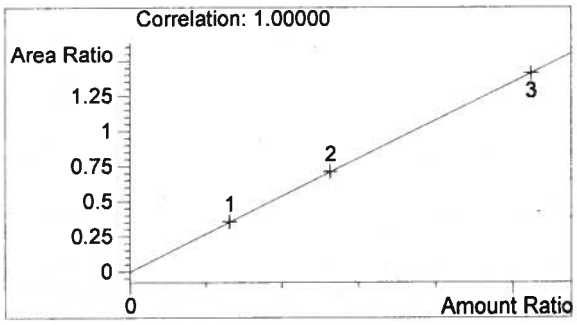
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 4:15:20 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

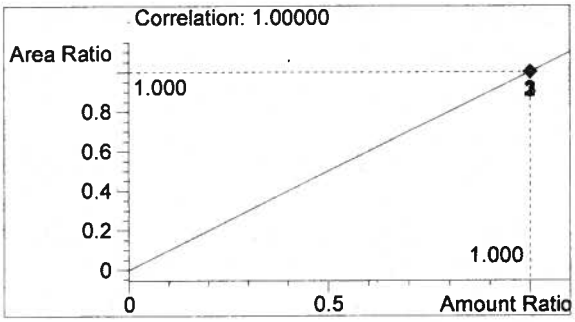
Sample Name: Negative
Operator: Lyndsey Lowe
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2430	1.706



Ethanol 0.000 g/100mL



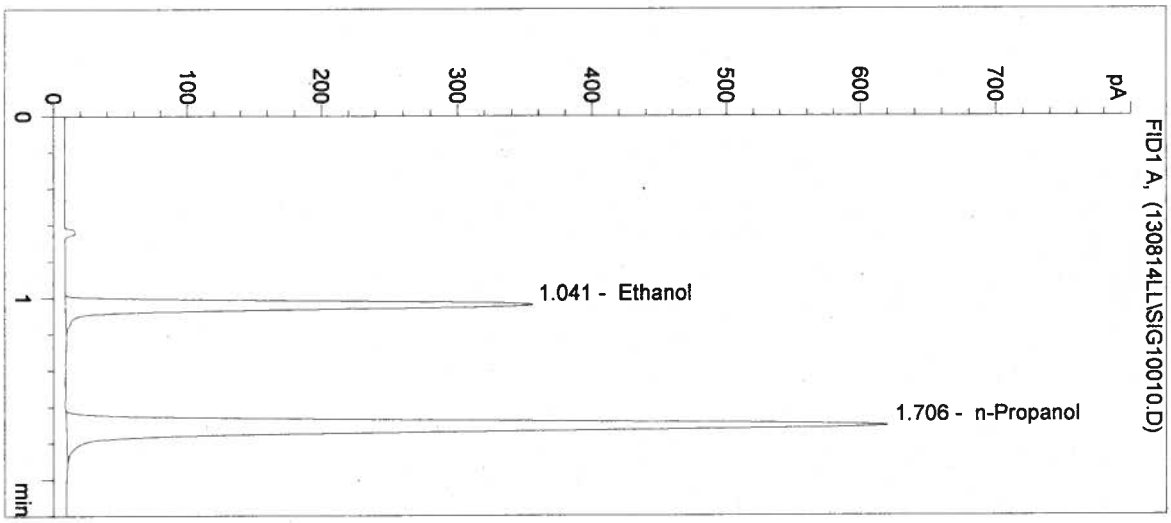
n-Propanol 0.012 g/100mL

13041

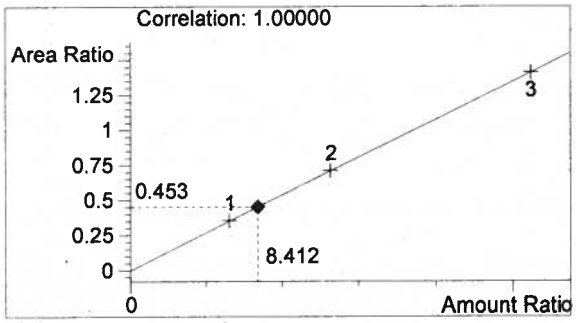
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 4:18:25 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

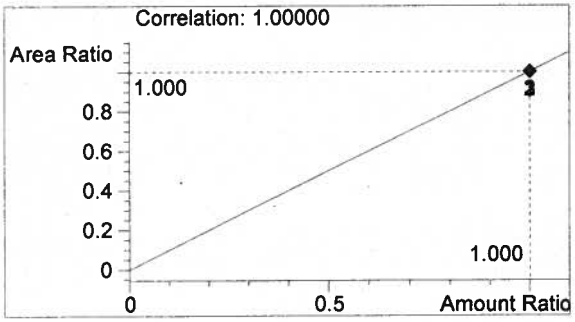
Sample Name: 13041#1
Operator: Lyndsey Lowe
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1102	1.041
2	n-Propanol	2434	1.706



Ethanol 0.101 g/100mL

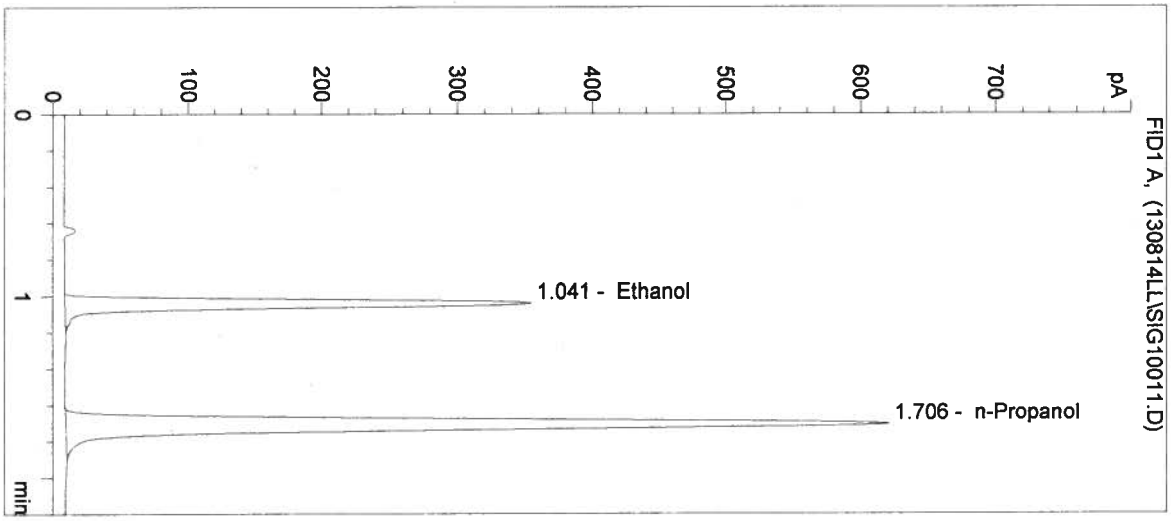


n-Propanol 0.012 g/100mL

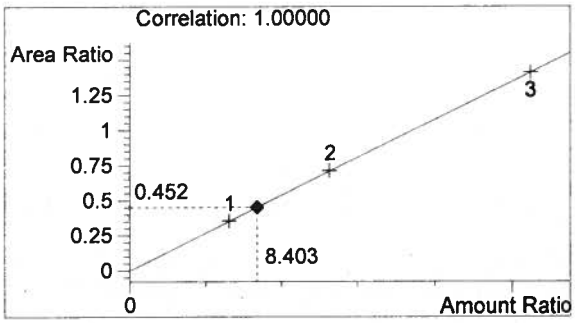
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 4:21:30 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

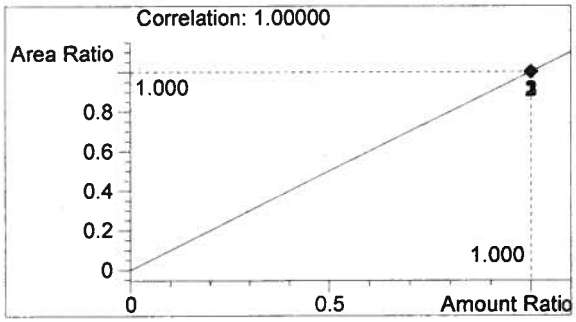
Sample Name: 13041#2
Operator: Lyndsey Lowe
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1099	1.041
2	n-Propanol	2430	1.706



Ethanol 0.101 g/100mL

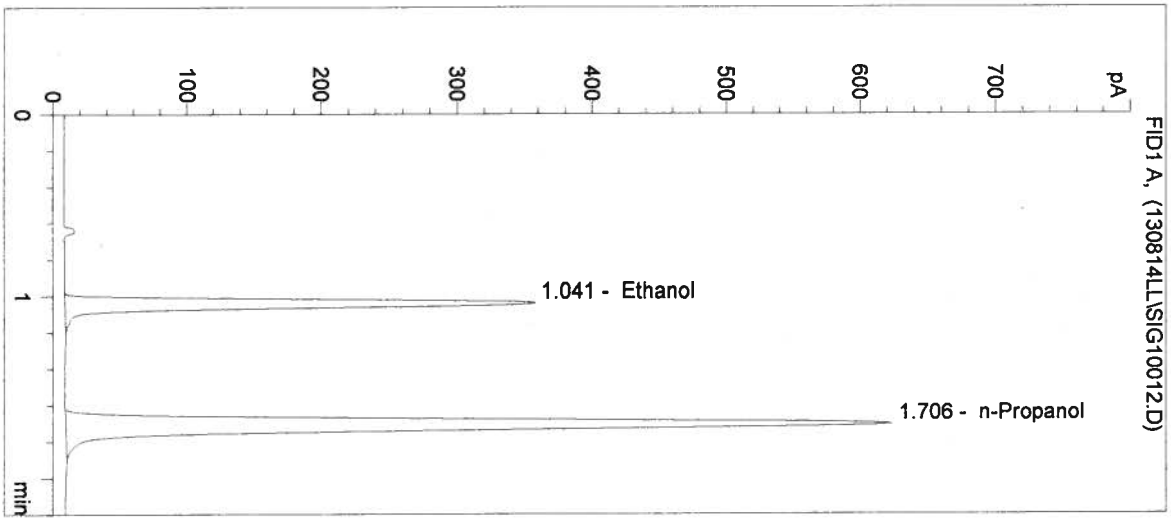


n-Propanol 0.012 g/100mL

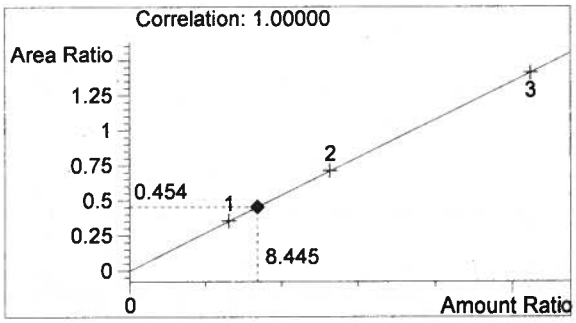
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 4:24:34 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

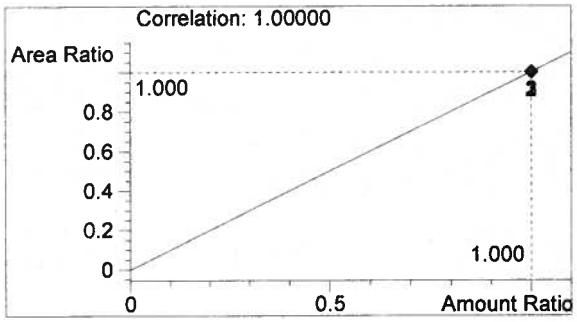
Sample Name: 13041#3
Operator: Lyndsey Lowe
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1112	1.041
2	n-Propanol	2448	1.706



Ethanol 0.101 g/100mL

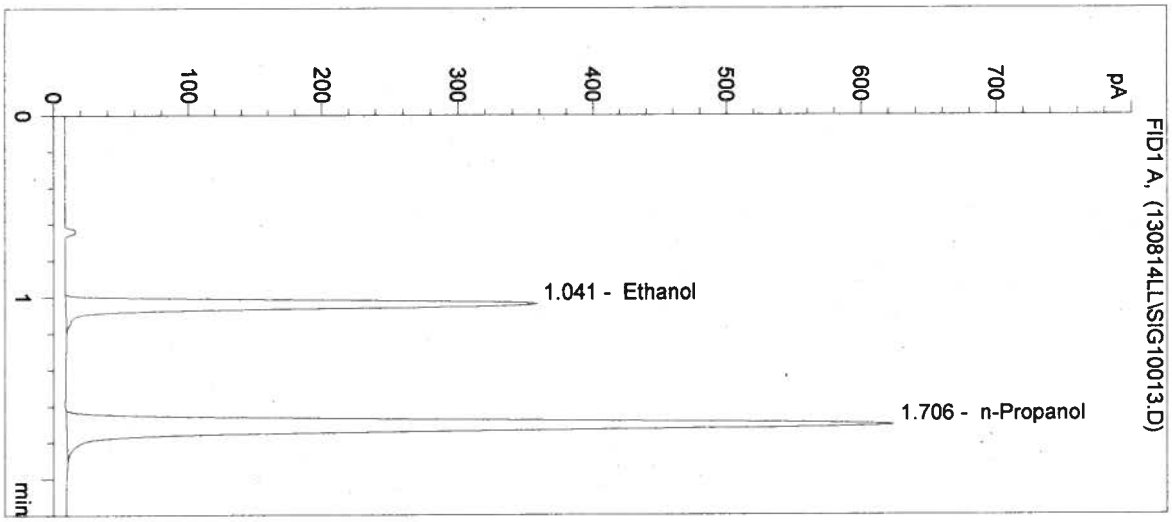


n-Propanol 0.012 g/100mL

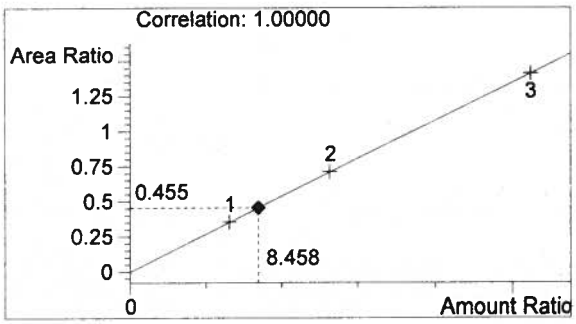
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 4:27:39 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

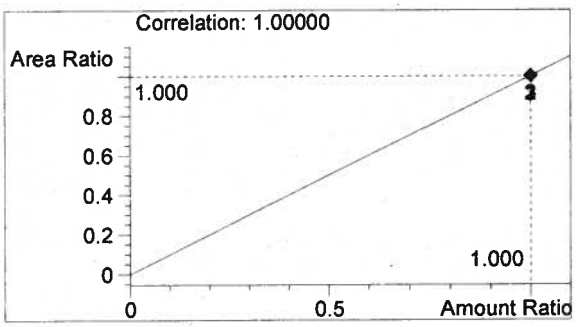
Sample Name: 13041#4
Operator: Lyndsey Lowe
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1113	1.041
2	n-Propanol	2444	1.706



Ethanol 0.101 g/100mL

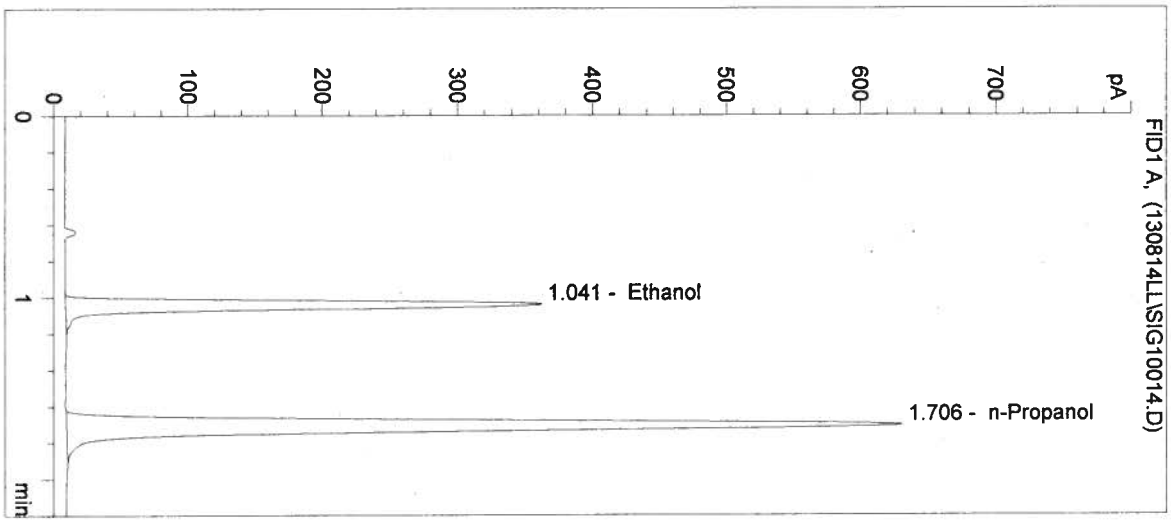


n-Propanol 0.012 g/100mL

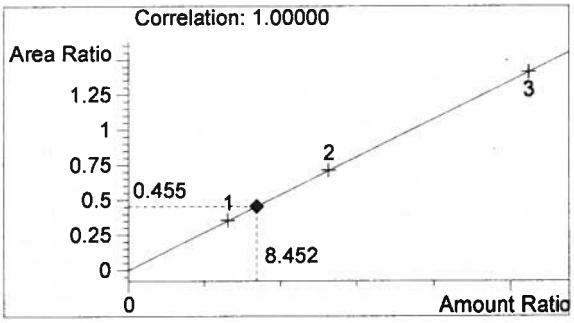
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 4:30:44 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

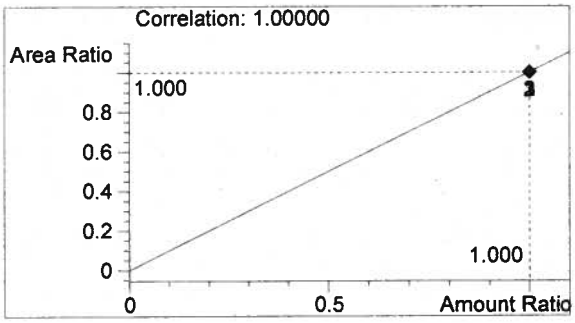
Sample Name: 13041#5
Operator: Lyndsey Lowe
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1125	1.041
2	n-Propanol	2473	1.706



Ethanol 0.101 g/100mL

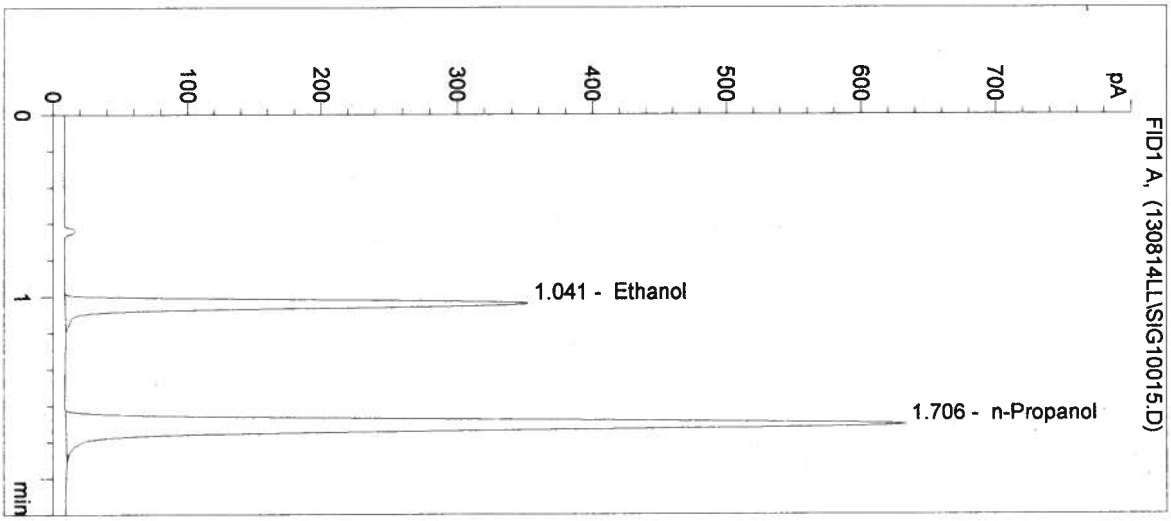


n-Propanol 0.012 g/100mL

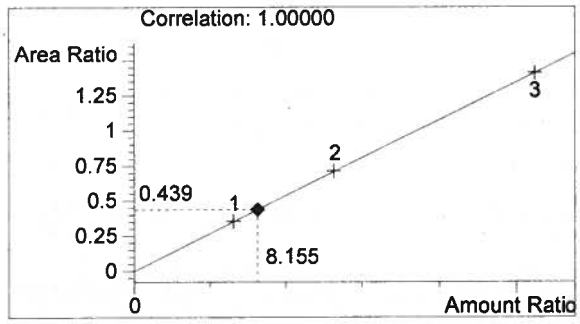
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 4:33:49 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

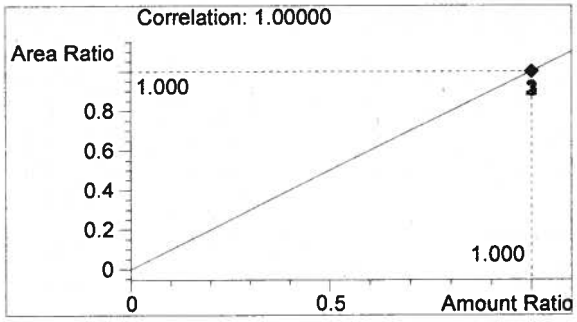
Sample Name: 0.10 Ctrl
Operator: Lyndsey Lowe
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1090	1.041
2	n-Propanol	2484	1.706



Ethanol 0.098 g/100mL



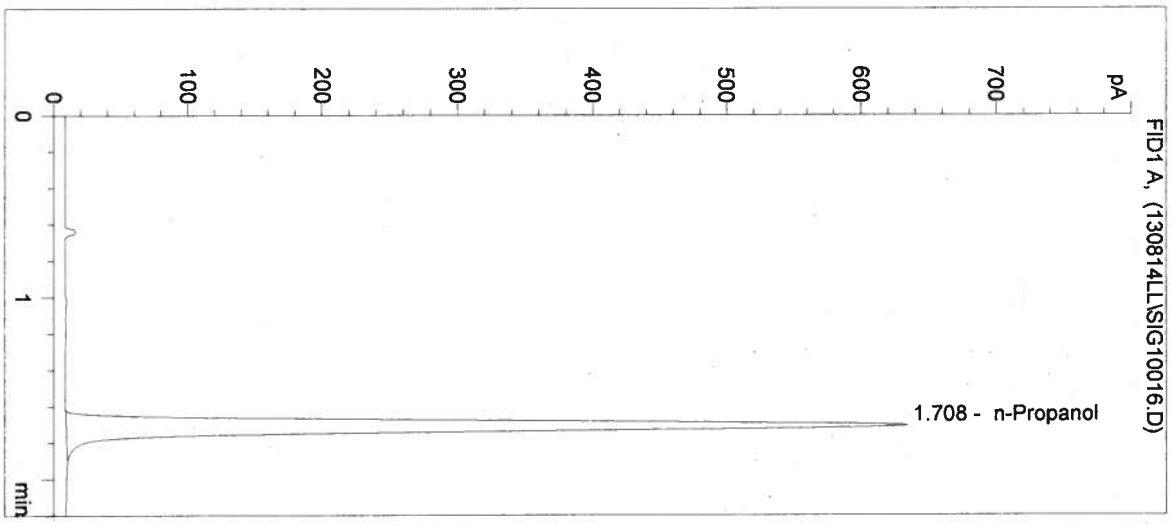
n-Propanol 0.012 g/100mL

13041

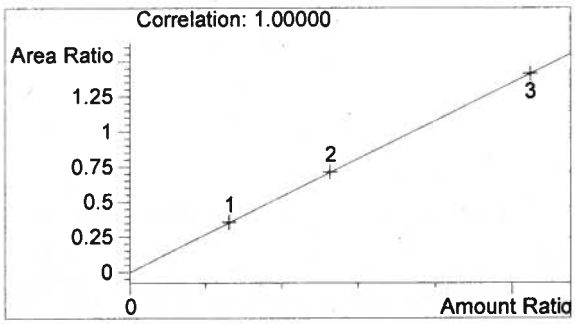
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/14/2013 4:36:53 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

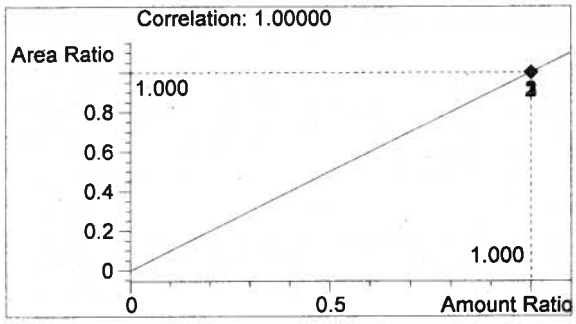
Sample Name: Negative
Operator: Lyndsey Lowe
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2492	1.708



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13041

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

Sequence Parameters:

Operator:	Andrew Gingras
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:	130816AG
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0713-01 - Exp. 01/24/14
Ethanol Calibrator 2, E0713-02 - Exp. 01/24/14
Ethanol Calibrator 3, E0713-03 - Exp. 01/24/14

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#P0713 - Exp. 10/08/2013

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 13041 #1	SIMALC1	1	Sample		
11	Vial 11	ESS 13041 #2	SIMALC1	1	Sample		
12	Vial 12	ESS 13041 #3	SIMALC1	1	Sample		
13	Vial 13	ESS 13041 #4	SIMALC1	1	Sample		
14	Vial 14	ESS 13041 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 Ctrl	SIMALC1	1	Ctrl Samp		
16	Vial 16	Negative	SIMALC1	1	Ctrl Samp		

Calibration Part:

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

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

Sequence Table (Back Injector):

No entries - empty table!

13041

Calibration Table

Calib. Data Modified : Friday, August 16, 2013 10:12:31 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	7.87500e-2	872.69440	9.02378e-5	1		Ethanol
		2	1.58140e-1	1720.46753	9.19169e-5			
		3	3.14420e-1	3417.73218	9.19967e-5			
1.706	1	1	1.20000e-2	2478.69727	4.84125e-6	I1		n-Propanol
		2	1.20000e-2	2465.65430	4.86686e-6			
		3	1.20000e-2	2477.00488	4.84456e-6			

Peak Sum Table

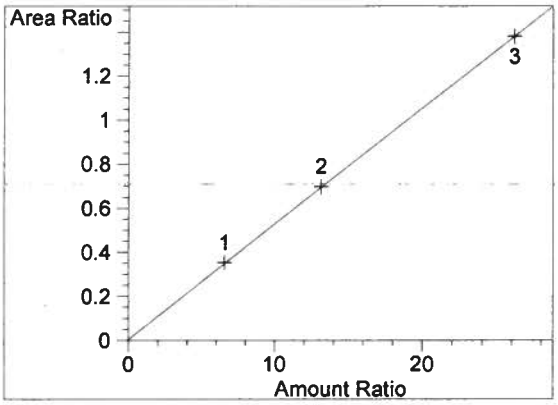
No Entries in table

13041

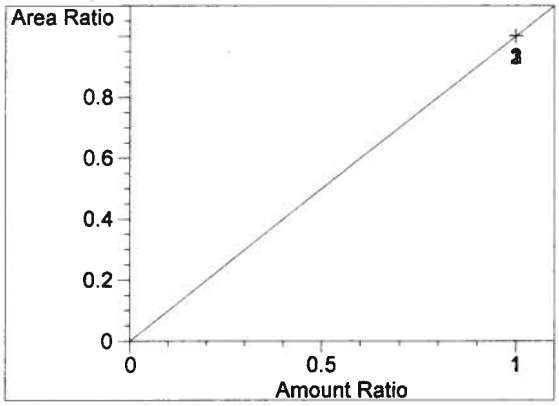
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.041
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00377
Formula: y = mx + b
m: 5.25922e-2
b: 3.35507e-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

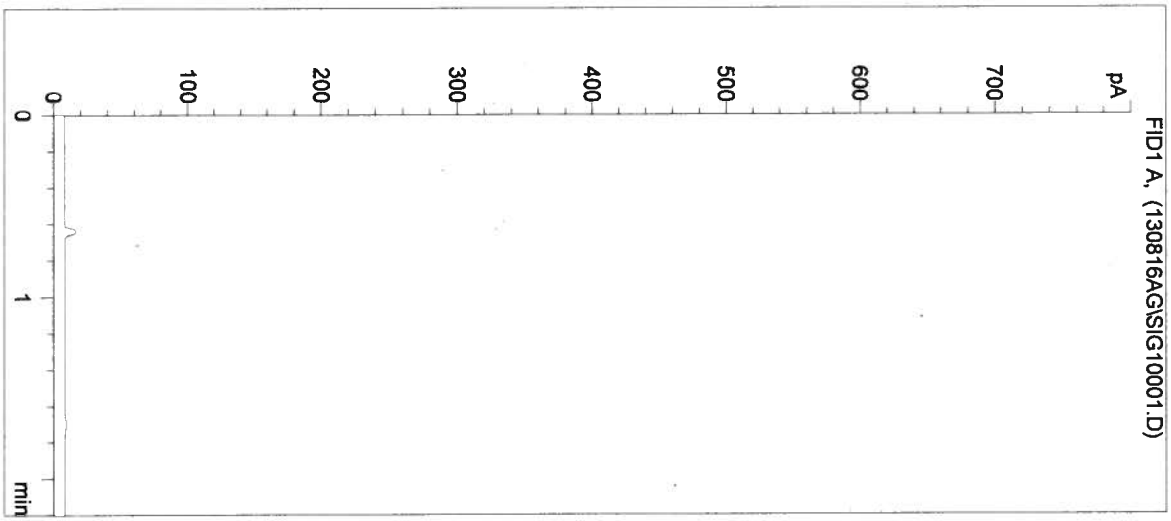
==========

13041

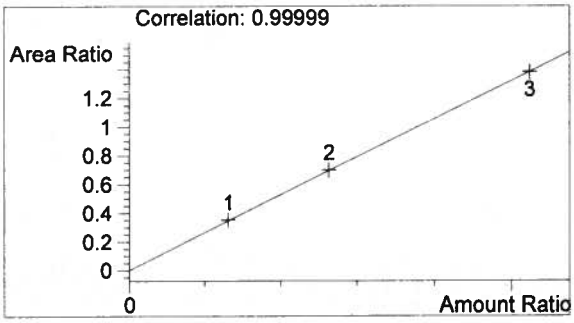
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/16/2013 10:01:04 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

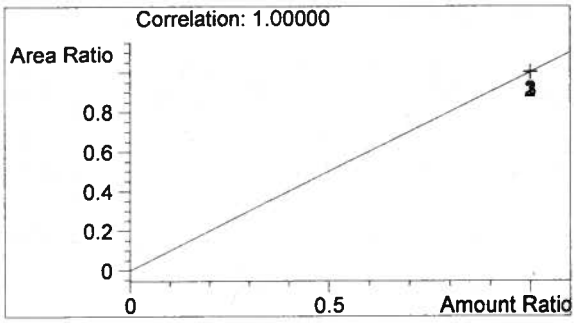
Sample Name: BLANK
Operator: Andrew Gingras
Location: Vial 1



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



Ethanol 0.000 g/100mL



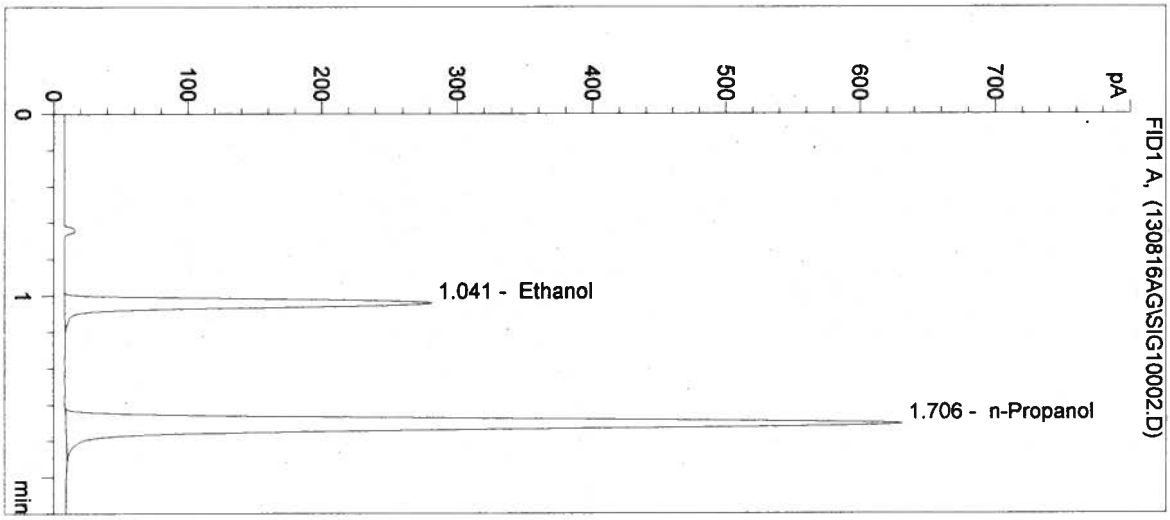
n-Propanol 0.000 g/100mL

13041

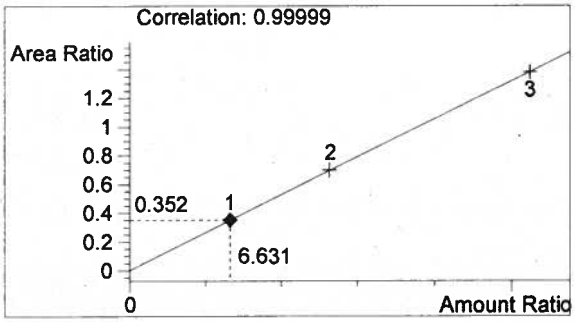
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/16/2013 10:04:09 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

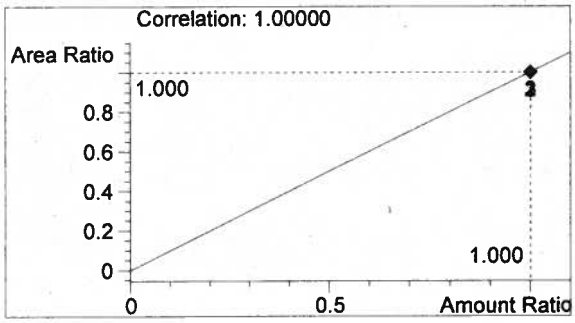
Sample Name: 0.079 CAL 1
Operator: Andrew Gingras
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	873	1.041
2	n-Propanol	2479	1.706



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

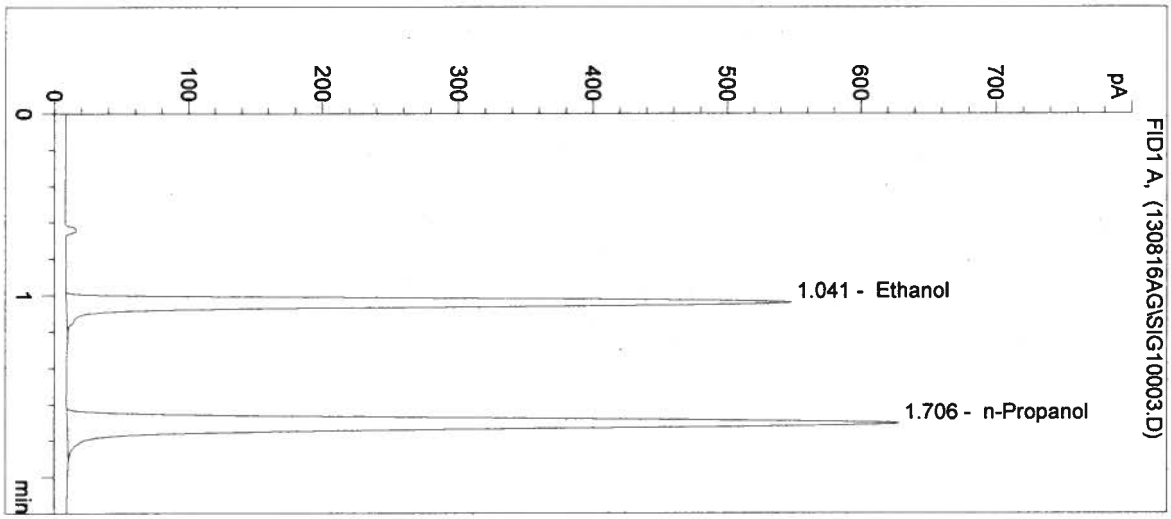
13041

Data File: C:\HPCHEM\1\DATA\130816AG\SIG10002.D

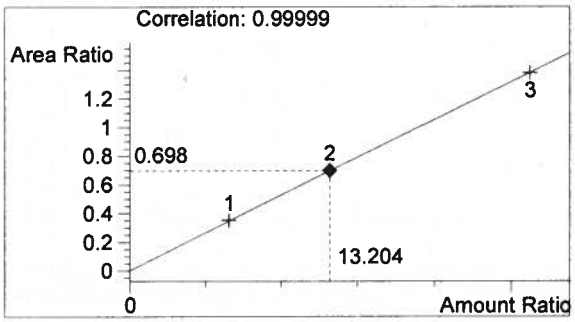
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/16/2013 10:07:13 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

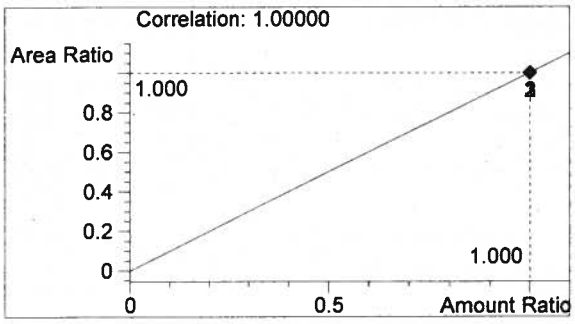
Sample Name: 0.158 CAL 2
Operator: Andrew Gingras
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1720	1.041
2	n-Propanol	2466	1.706



Ethanol 0.158 g/100mL



n-Propanol 0.012 g/100mL

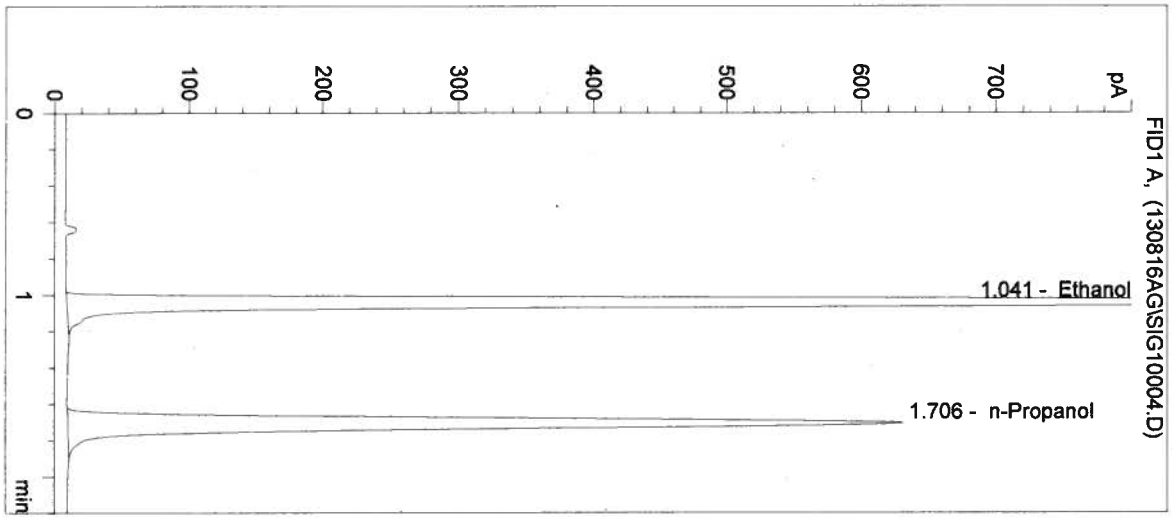
13041

Data File: C:\HPCHEM\1\DATA\130816AG\SIG10003.D

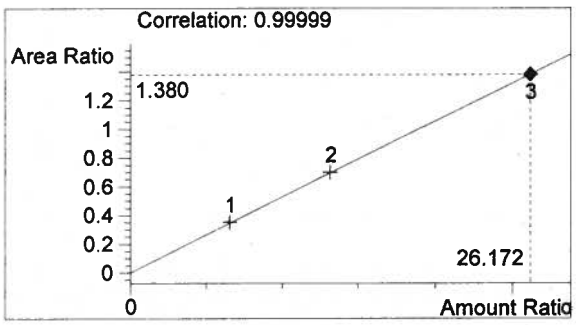
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/16/2013 10:10:18 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

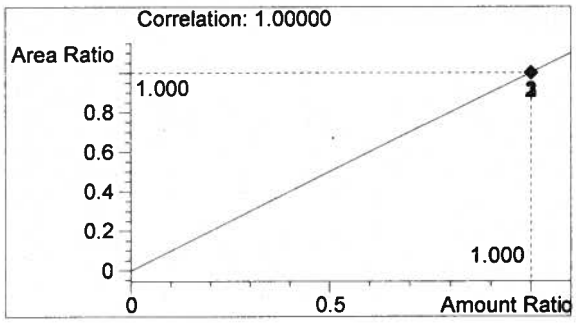
Sample Name: 0.316 CAL 3
Operator: Andrew Gingras
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3418	1.041
2	n-Propanol	2477	1.706



Ethanol 0.314 g/100mL



n-Propanol 0.012 g/100mL

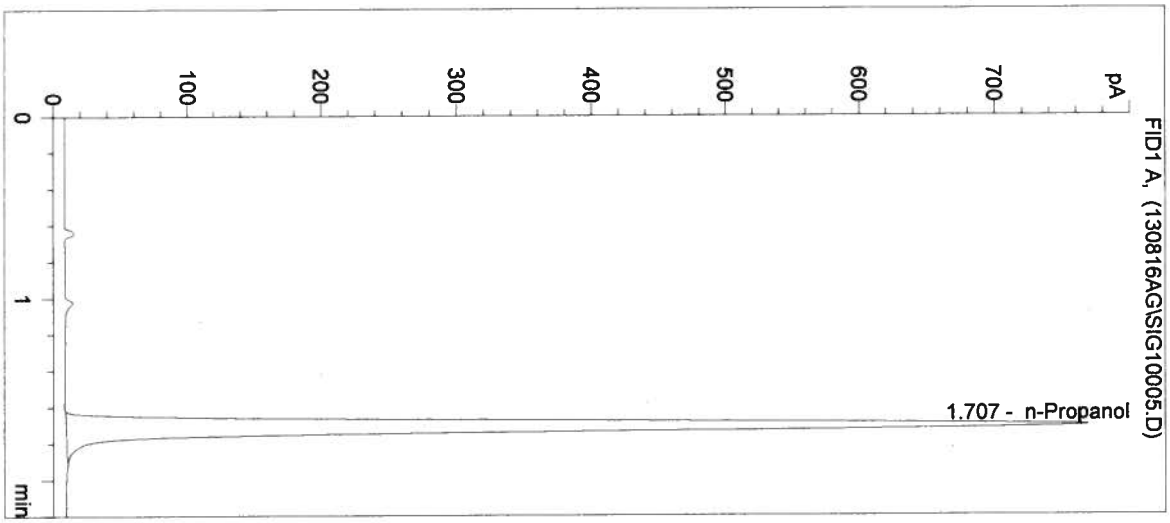
13041

Data File: C:\HPCHEM\1\DATA\130816AG\SIG10004.D

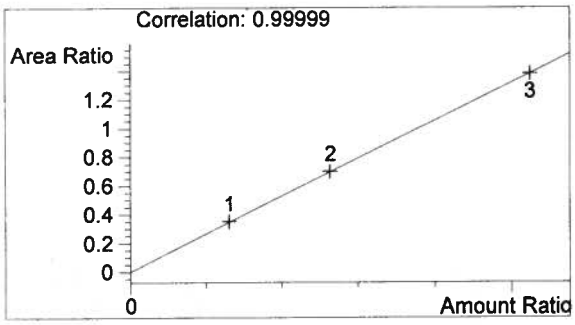
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/16/2013 10:13:23 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

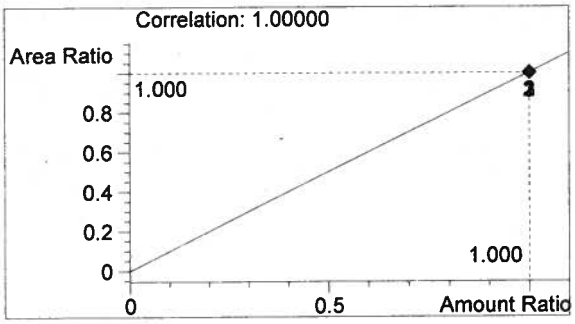
Sample Name: Negative
Operator: Andrew Gingras
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	3027	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

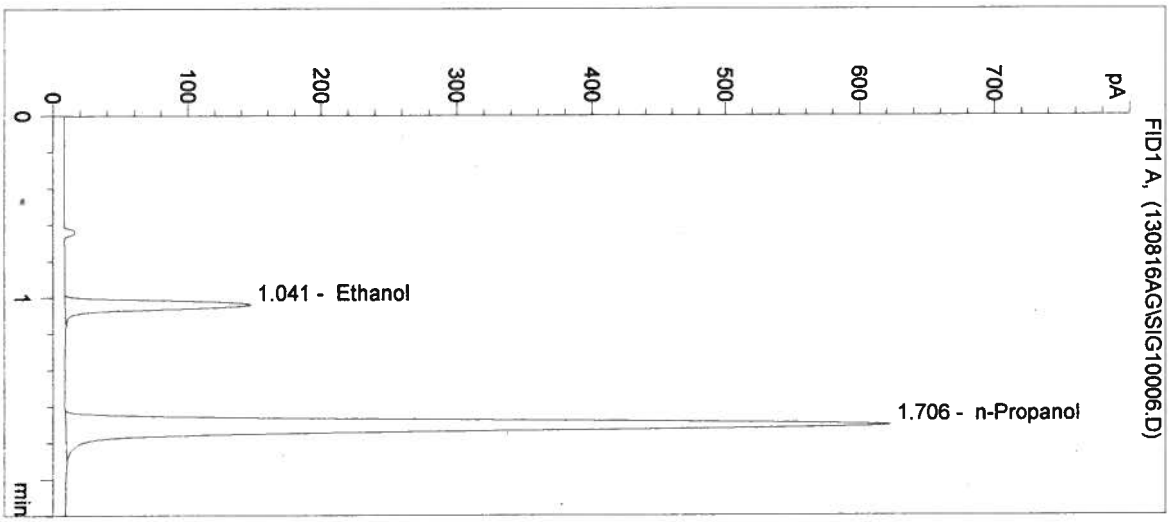
13041

Data File: C:\HPCHEM\1\DATA\130816AG\SIG10005.D

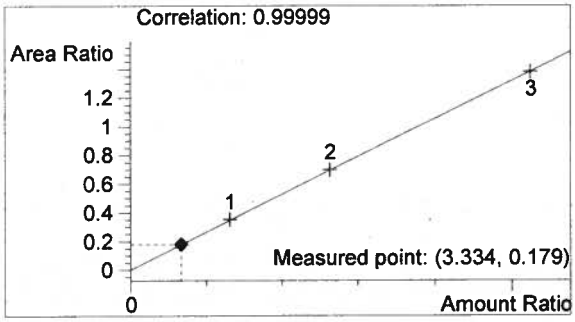
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/16/2013 10:16:28 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

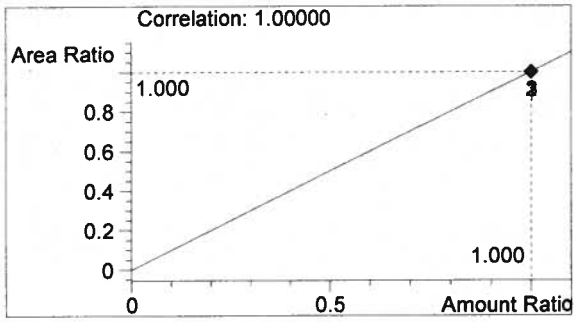
Sample Name: 0.04 Ctrl
Operator: Andrew Gingras
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	438	1.041
2	n-Propanol	2450	1.706



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

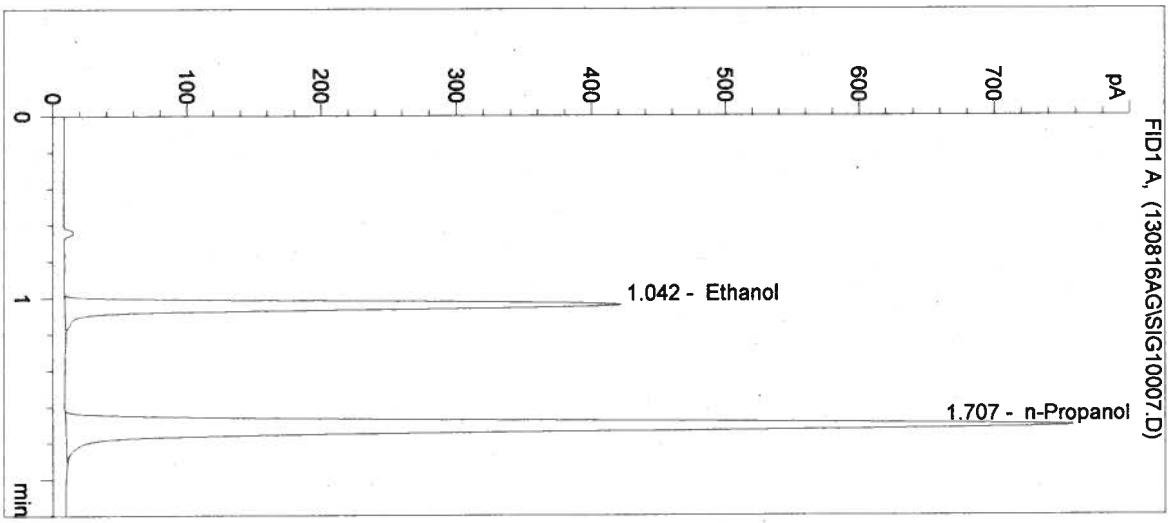
13041

Data File: C:\HPCHEM\1\DATA\130816AG\SIG10006.D

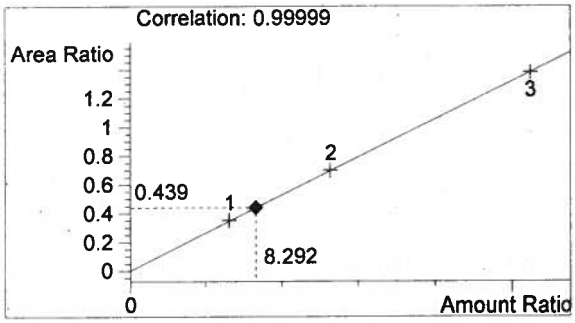
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/16/2013 10:19:33 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

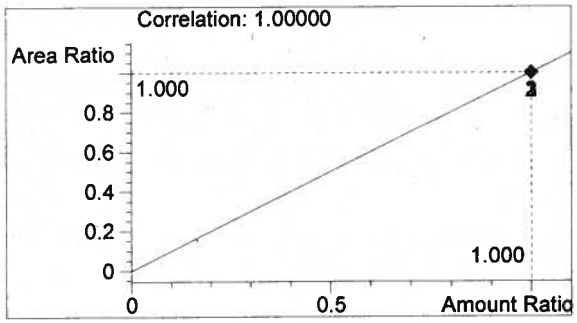
Sample Name: 0.10 Ctrl
Operator: Andrew Gingras
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1311	1.042
2	n-Propanol	2983	1.707



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

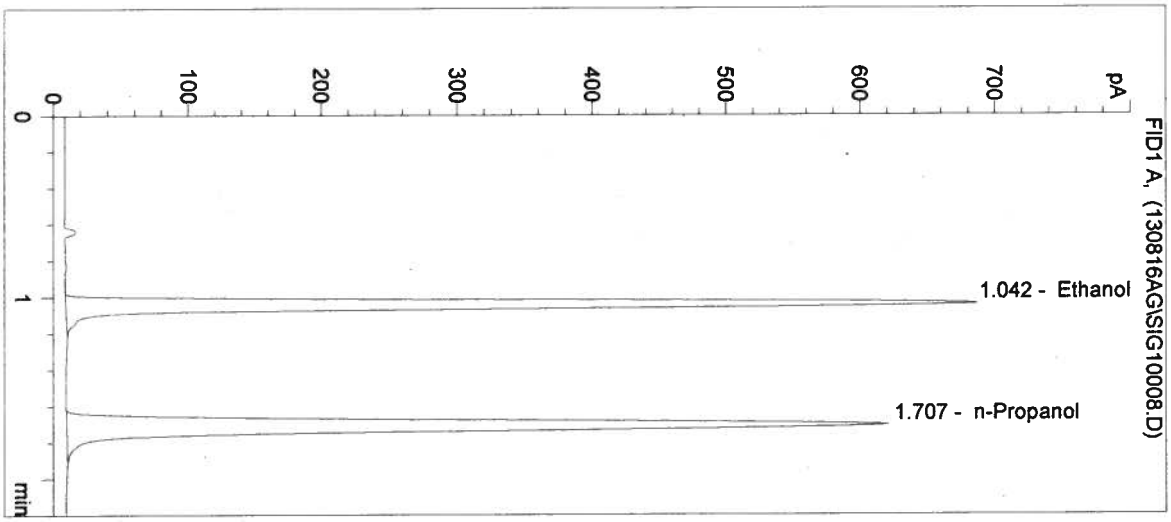
13041

Data File: C:\HPCHEM\1\DATA\130816AG\SIG10007.D

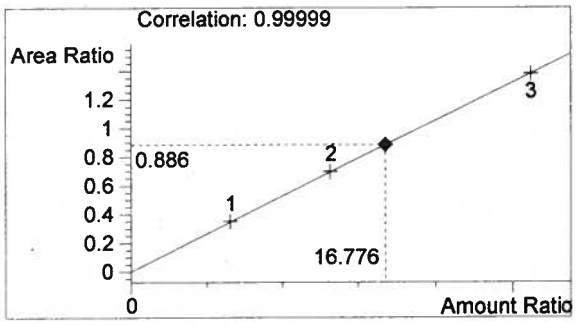
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/16/2013 10:22:37 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

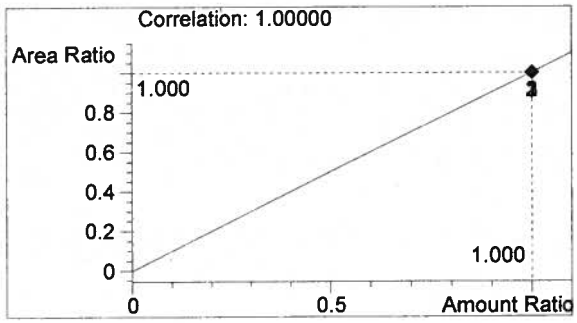
Sample Name: 0.20 Ctrl
Operator: Andrew Gingras
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2153	1.042
2	n-Propanol	2431	1.707



Ethanol 0.201 g/100mL



n-Propanol 0.012 g/100mL

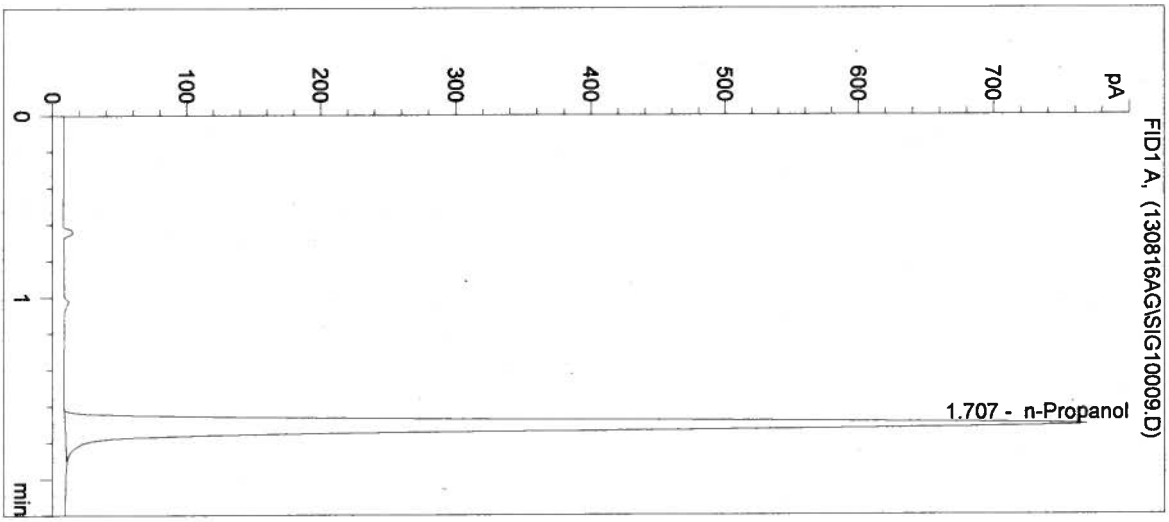
13041

Data File: C:\HPCHEM\1\DATA\130816AG\SIG10008.D

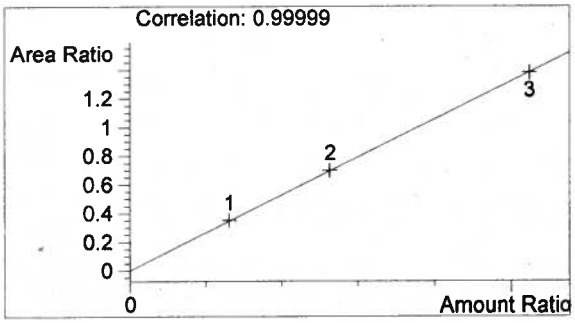
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/16/2013 10:25:42 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

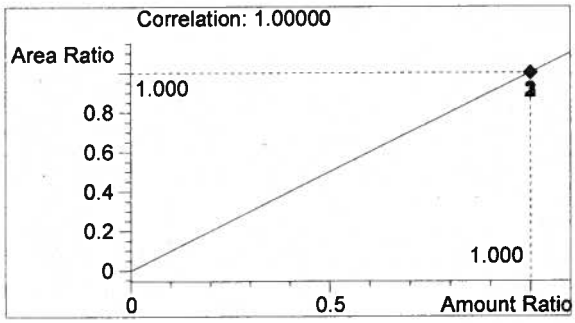
Sample Name: Negative
Operator: Andrew Gingras
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	3023	1.707



Ethanol 0.000 g/100mL



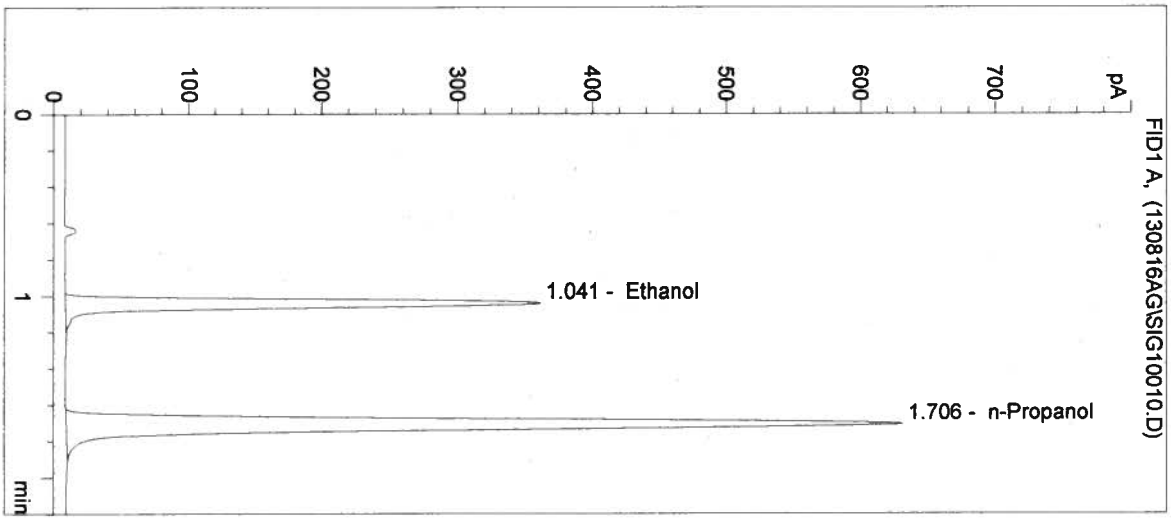
n-Propanol 0.012 g/100mL

13041

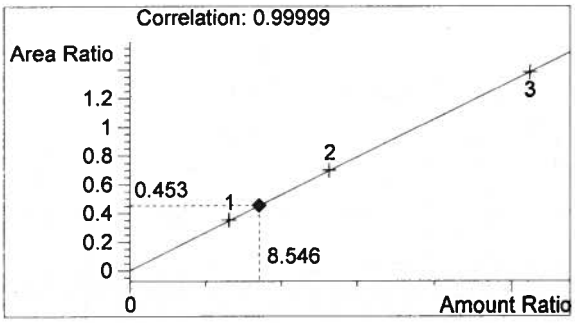
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/16/2013 10:28:47 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

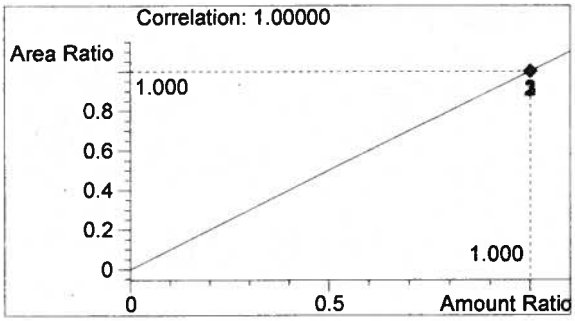
Sample Name: ESS 13041 #1
Operator: Andrew Gingras
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1124	1.041
2	n-Propanol	2483	1.706



Ethanol 0.103 g/100mL

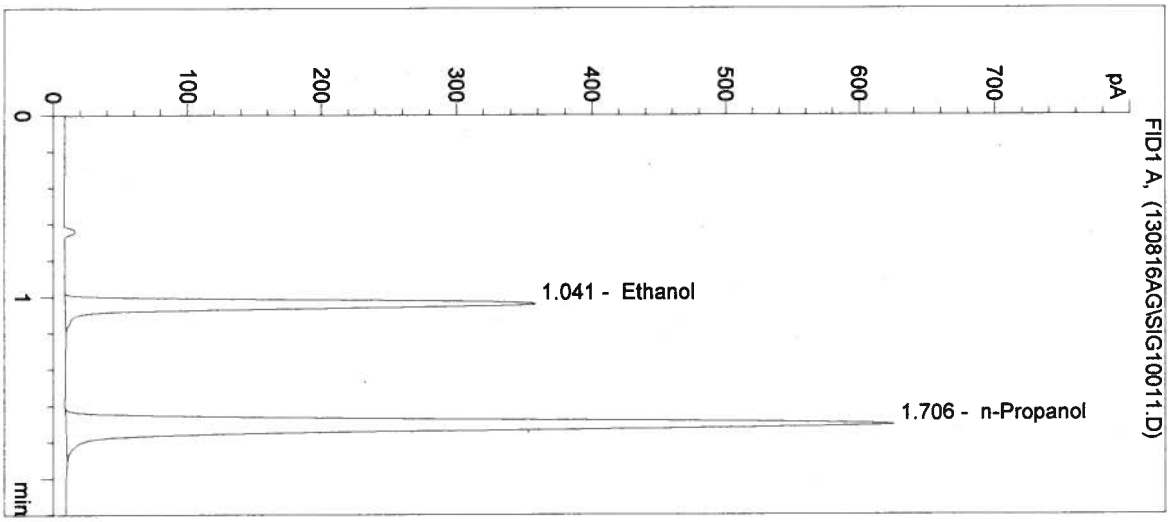


n-Propanol 0.012 g/100mL

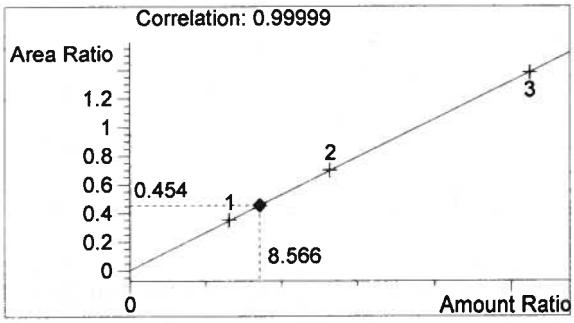
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/16/2013 10:31:51 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

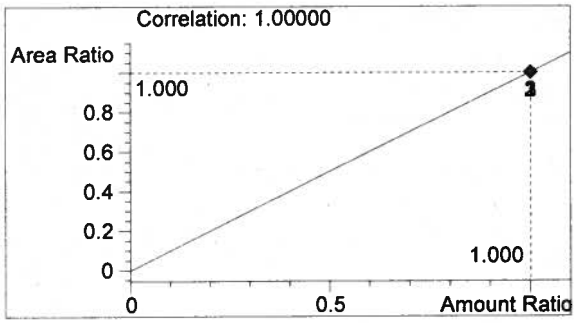
Sample Name: ESS 13041 #2
Operator: Andrew Gingras
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1115	1.041
2	n-Propanol	2457	1.706



Ethanol 0.103 g/100mL

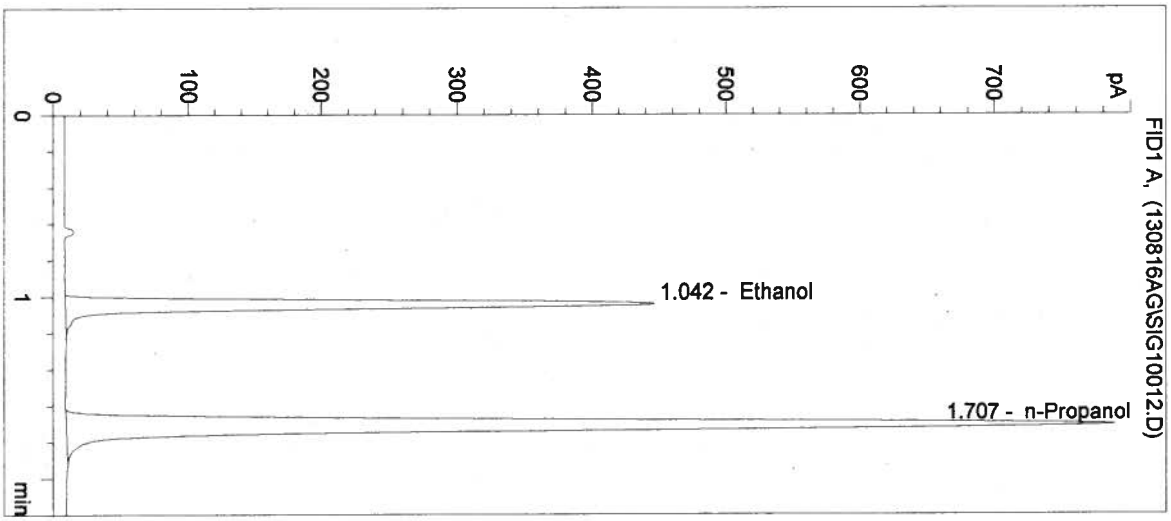


n-Propanol 0.012 g/100mL

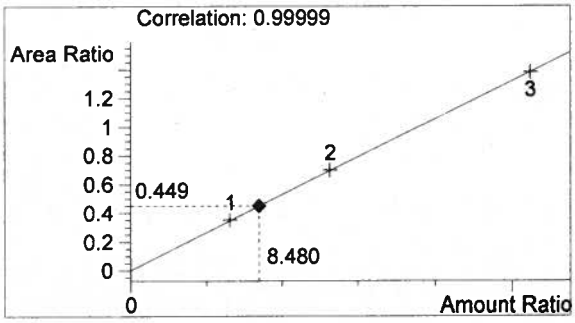
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/16/2013 10:34:56 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

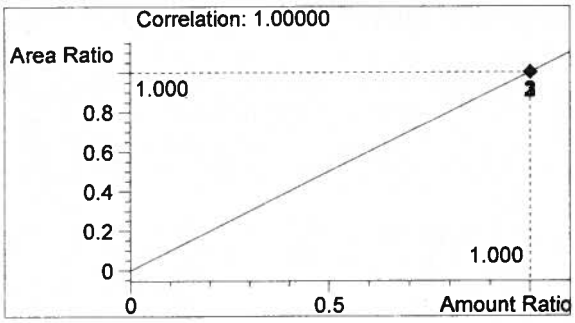
Sample Name: ESS 13041 #3
Operator: Andrew Gingras
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1393	1.042
2	n-Propanol	3099	1.707



Ethanol 0.102 g/100mL

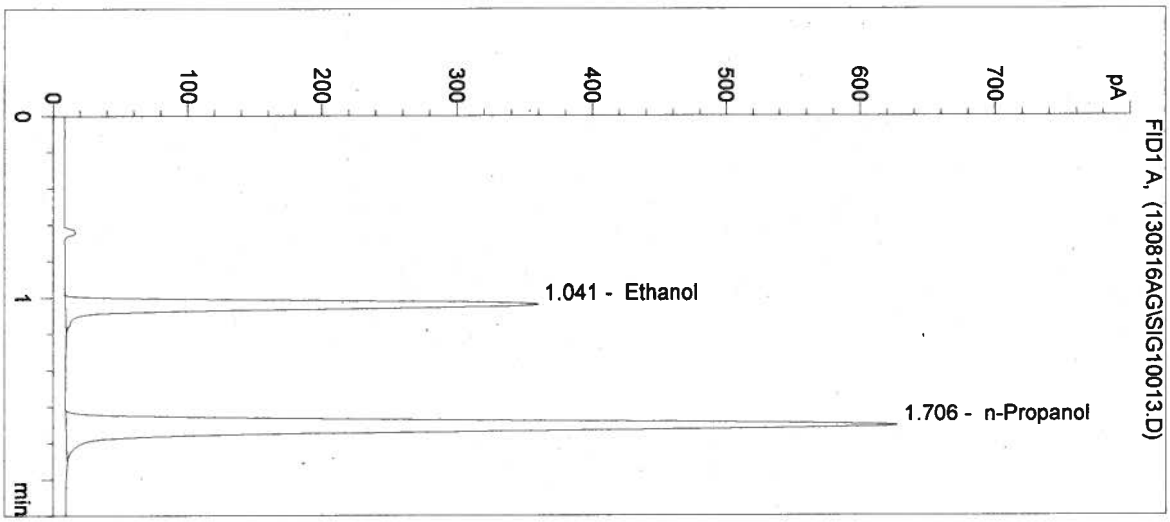


n-Propanol 0.012 g/100mL

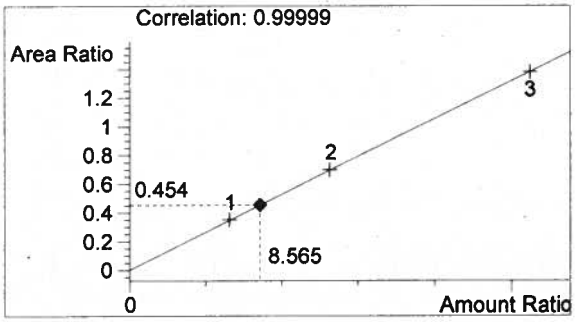
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/16/2013 10:38:01 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

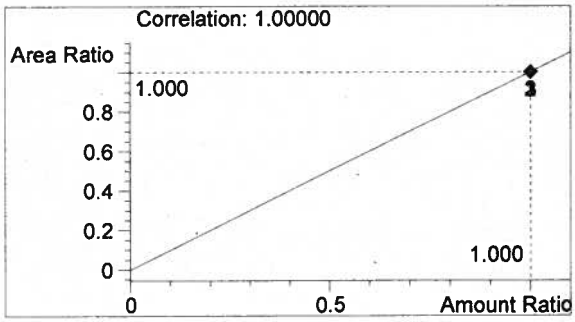
Sample Name: ESS 13041 #4
Operator: Andrew Gingras
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1121	1.041
2	n-Propanol	2470	1.706



Ethanol 0.103 g/100mL

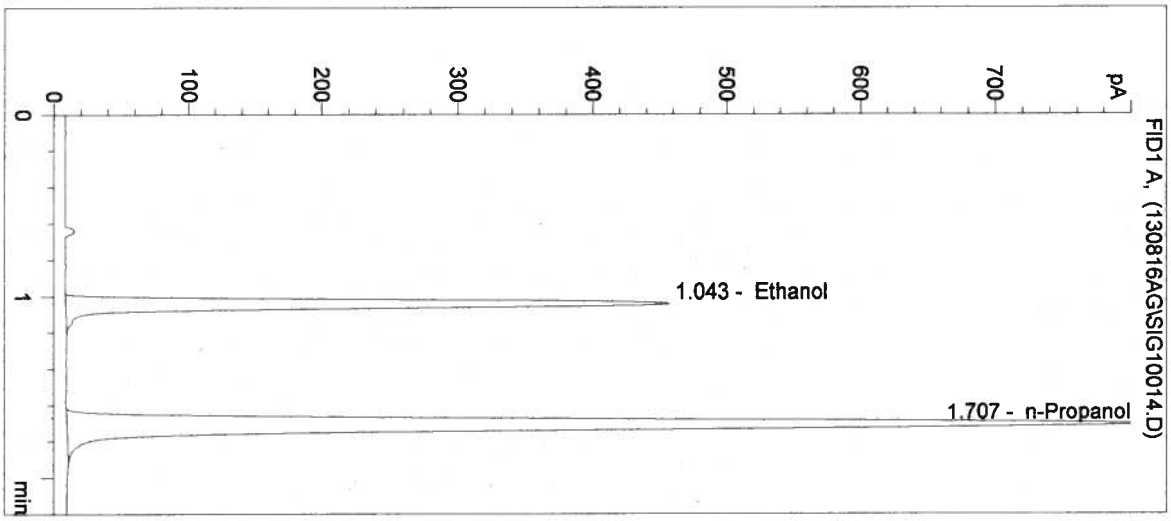


n-Propanol 0.012 g/100mL

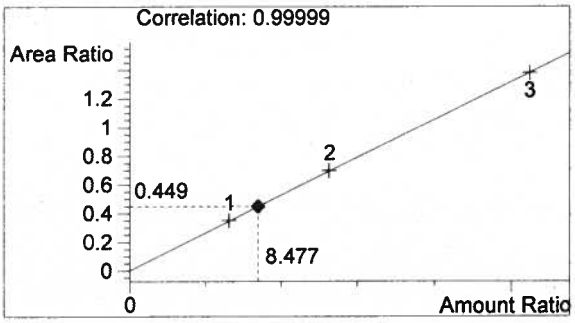
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/16/2013 10:41:06 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

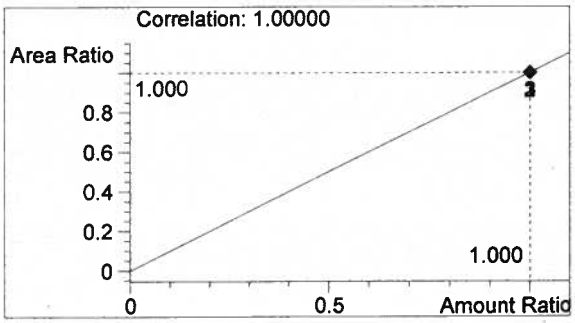
Sample Name: ESS 13041 #5
Operator: Andrew Gingras
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1428	1.043
2	n-Propanol	3178	1.707



Ethanol 0.102 g/100mL

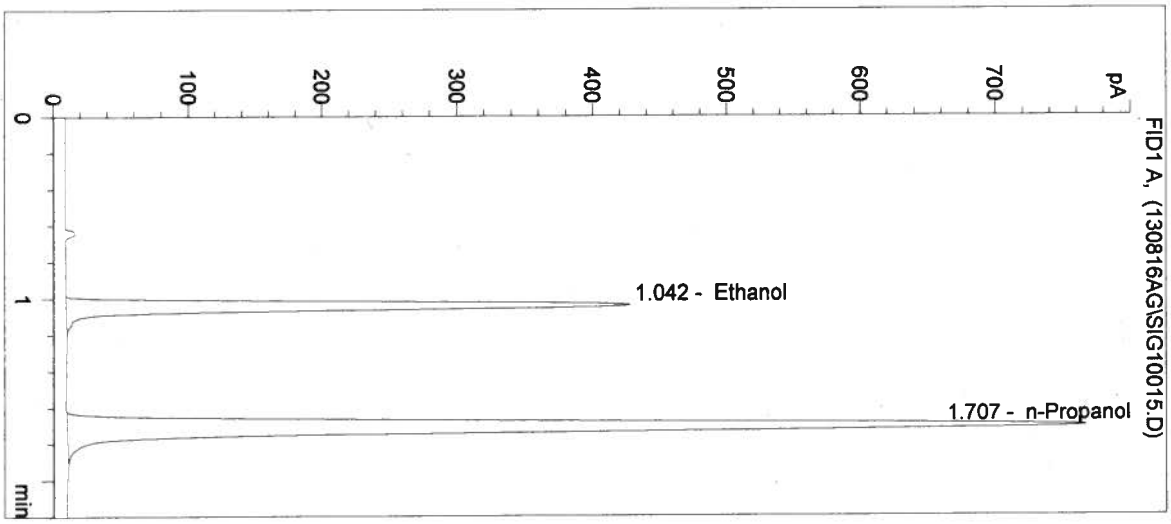


n-Propanol 0.012 g/100mL

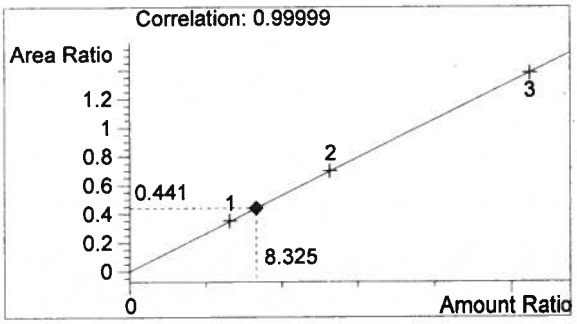
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/16/2013 10:44:11 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

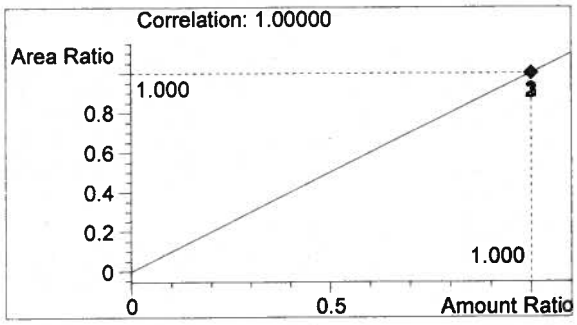
Sample Name: 0.10 Ctrl
Operator: Andrew Gingras
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1330	1.042
2	n-Propanol	3015	1.707



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

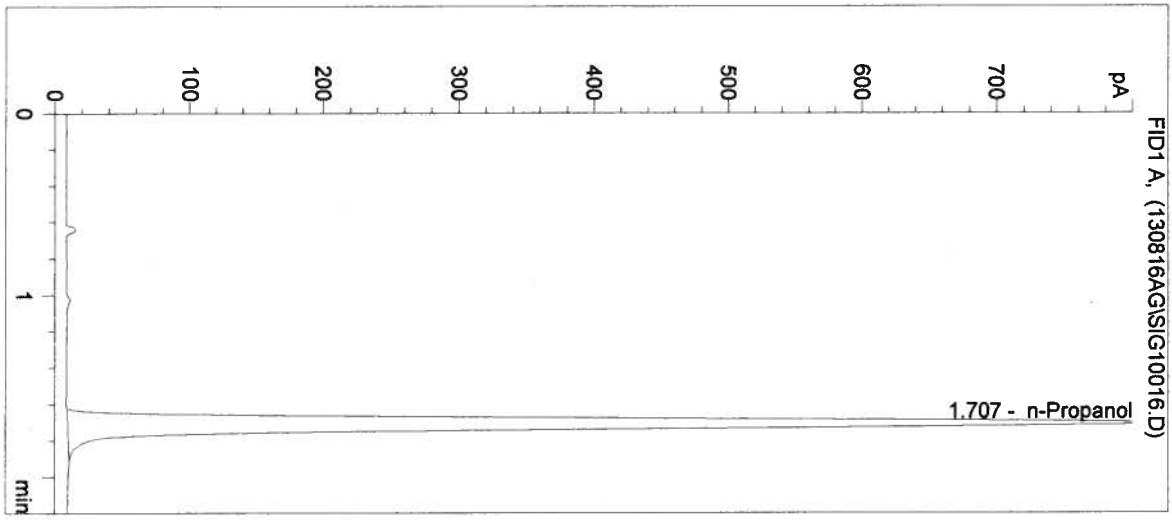
13041

Data File: C:\HPCHEM\1\DATA\130816AG\SIG10015.D

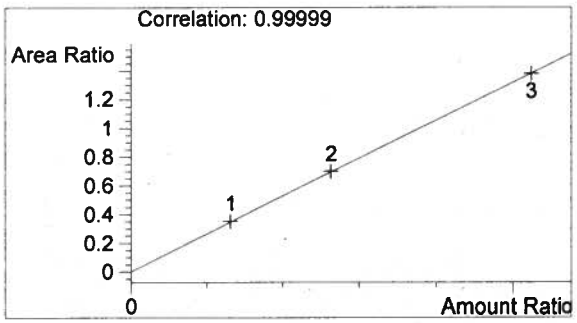
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/16/2013 10:47:16 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

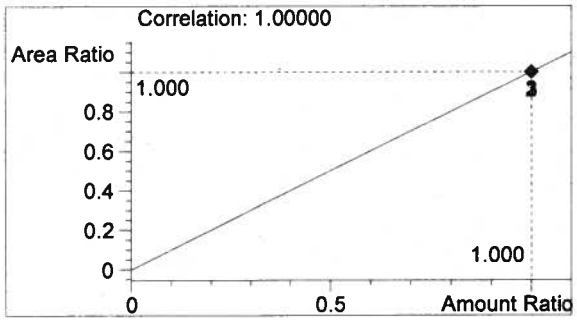
Sample Name: Negative
Operator: Andrew Gingras
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	3230	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13041

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:	130819JU
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0713-01 - Exp. 01/24/2014
Ethanol Calibrator 2, E0713-02 - Exp. 01/24/2014
Ethanol Calibrator 3, E0713-03 - Exp. 01/24/2014
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#P0713 - Exp. 10/08/13

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	13041-1	SIMALC1	1	Sample		
11	Vial 11	13041-2	SIMALC1	1	Sample		
12	Vial 12	13041-3	SIMALC1	1	Sample		
13	Vial 13	13041-4	SIMALC1	1	Sample		
14	Vial 14	13041-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC1	1	Ctrl Samp		

Calibration Part:

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

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

Sequence Table (Back Injector):

No entries - empty table!

13041

Calibration Table

Calib. Data Modified : Monday, August 19, 2013 1:09:23 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	7.87500e-2	854.17773	9.21939e-5		1	Ethanol
		2	1.58140e-1	1683.73328	9.39222e-5			
		3	3.14420e-1	3379.10693	9.30483e-5			
1.706	1	1	1.20000e-2	2421.09644	4.95643e-6		I1	n-Propanol
		2	1.20000e-2	2450.43701	4.89709e-6			
		3	1.20000e-2	2447.38428	4.90319e-6			

Peak Sum Table

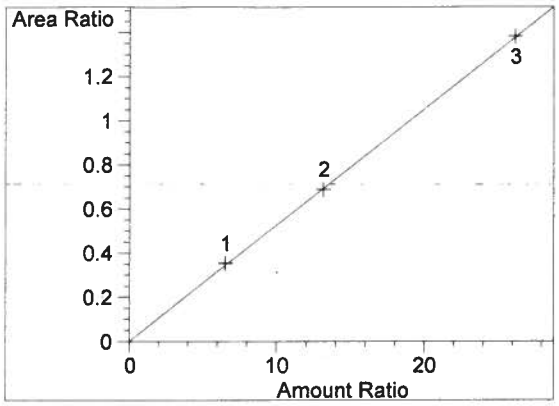
No Entries in table

13041

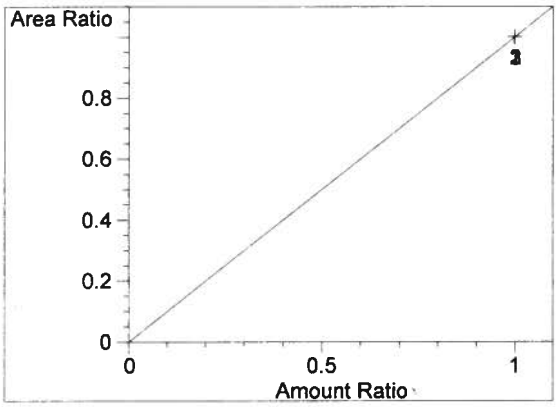
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.042
FID1 A,
Correlation: 0.99995
Residual Std. Dev.: 0.00695
Formula: y = mx + b
m: 5.25705e-2
b: 1.35059e-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

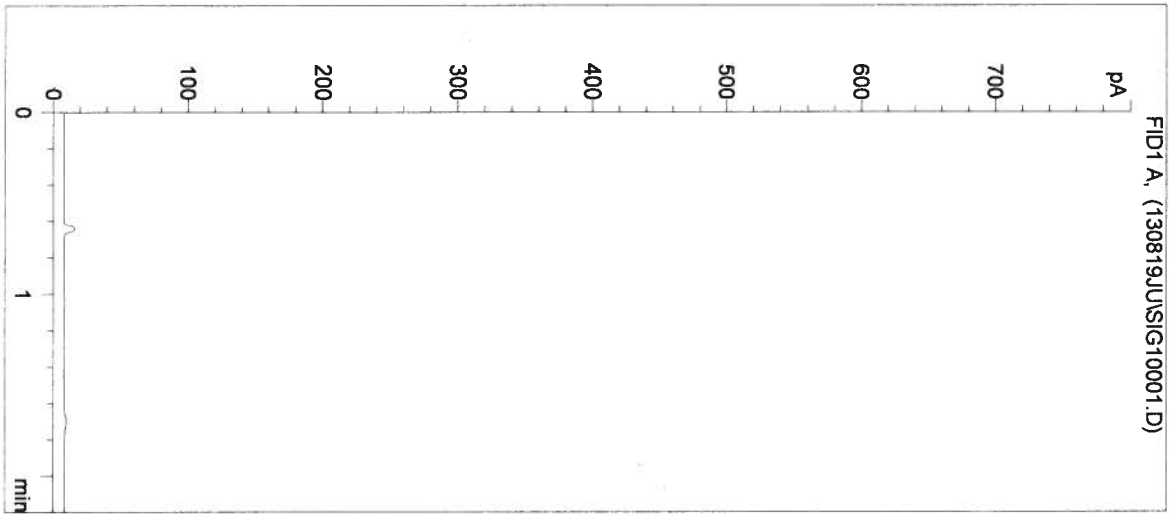
==========

13041

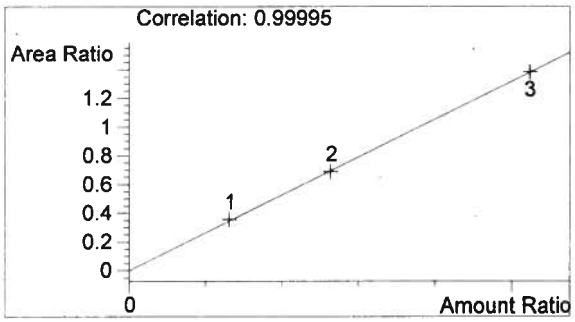
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 12:57:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

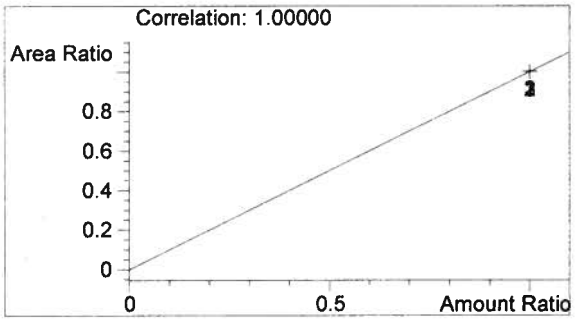
Sample Name: BLANK
Operator: Justin Knoy
Location: Vial 1



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



Ethanol 0.000 g/100mL



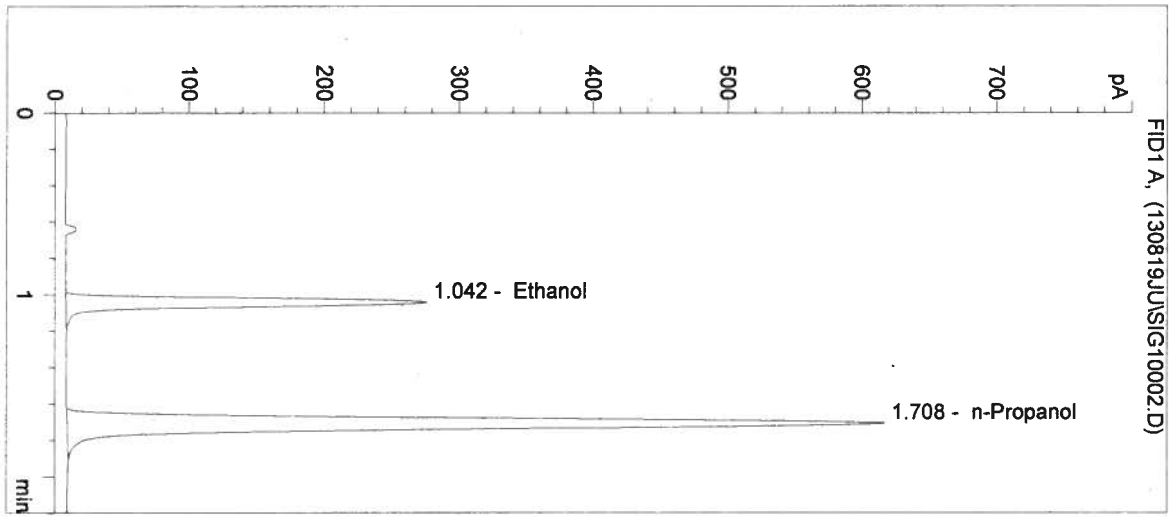
n-Propanol 0.000 g/100mL

13041

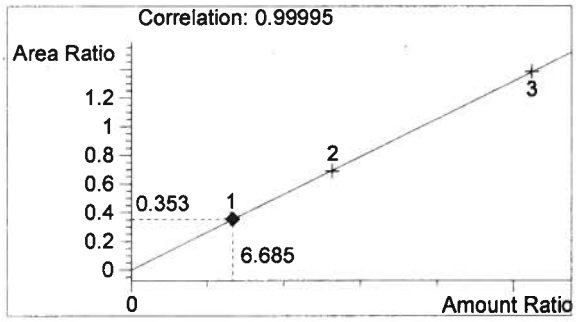
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 1:01:00 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0713-01 - (0.079g/100mL)

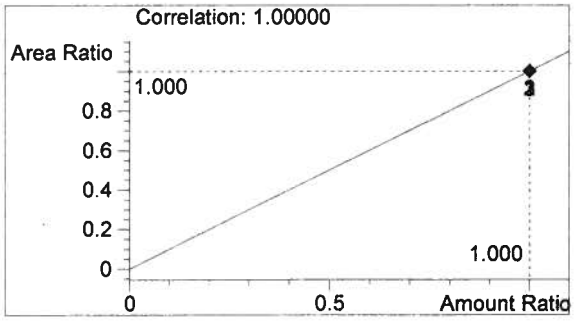
Sample Name: CAL1 0.079
Operator: Justin Knoy
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	854	1.042
2	n-Propanol	2421	1.708



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

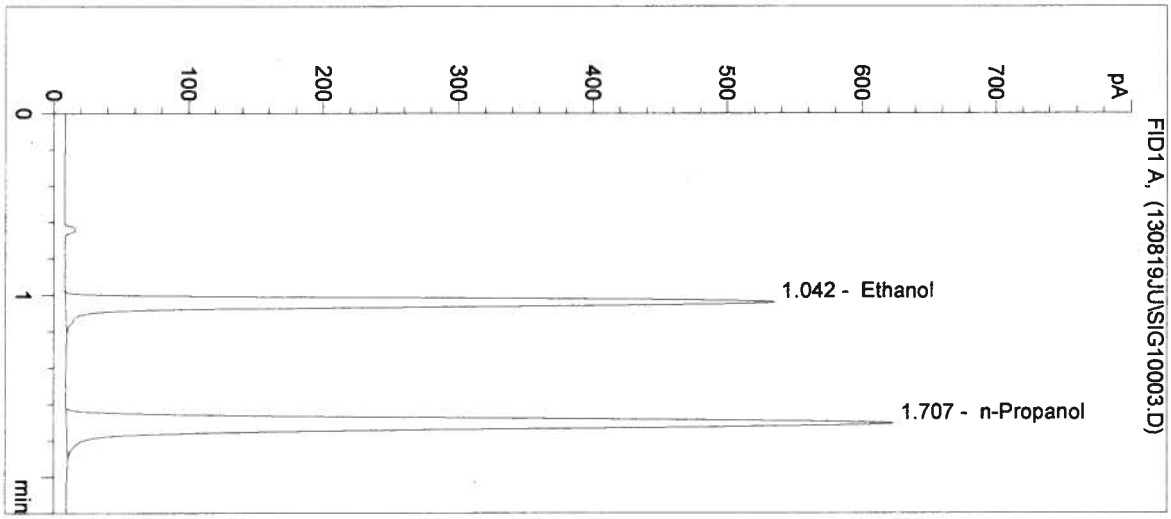
13041

Data File: C:\HPCHEM\1\DATA\130819JU\SIG10002.D

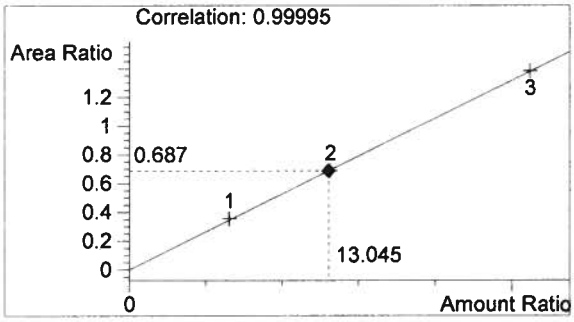
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 1:04:05 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0713-02 - (0.158g/100mL)

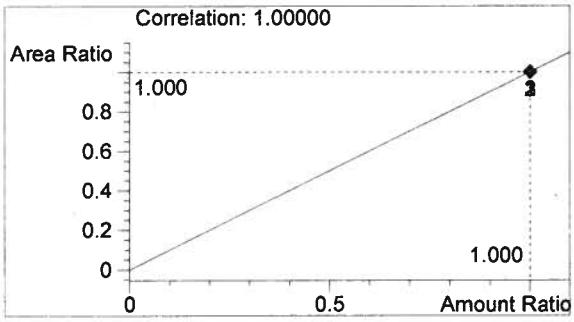
Sample Name: CAL2 0.158
Operator: Justin Knoy
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1684	1.042
2	n-Propanol	2450	1.707



Ethanol 0.157 g/100mL



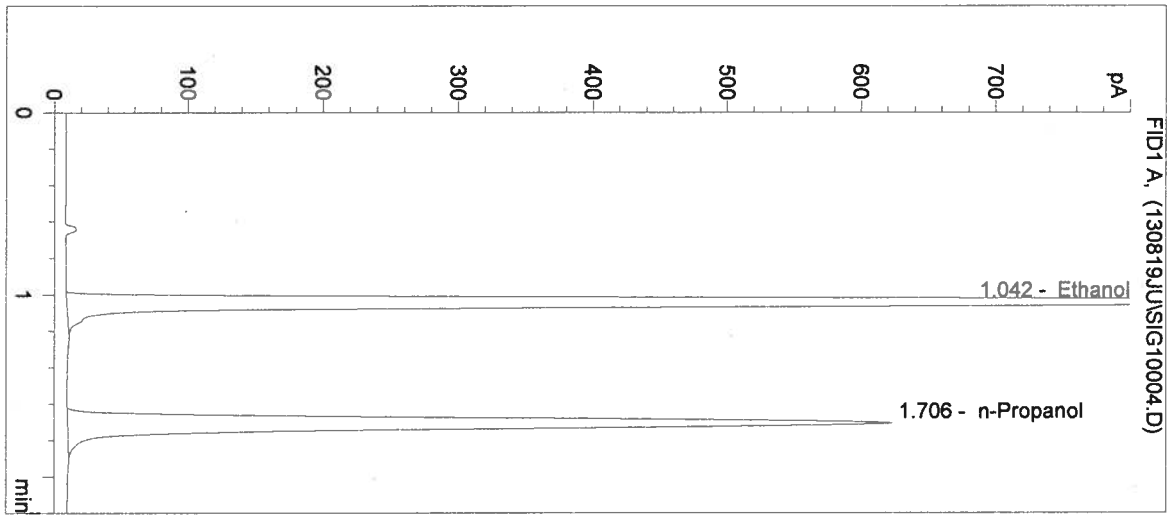
n-Propanol 0.012 g/100mL

13041

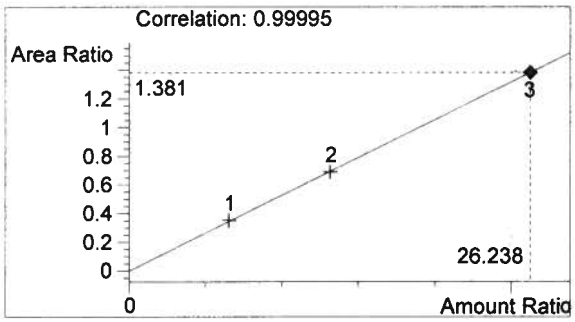
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 1:07:10 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: E0713-03 - (0.316g/100mL)

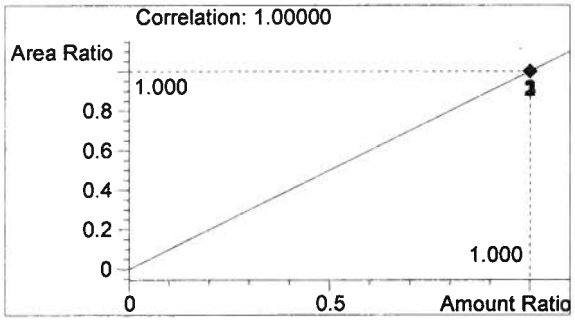
Sample Name: CAL3 0.316
Operator: Justin Knoy
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3379	1.042
2	n-Propanol	2447	1.706



Ethanol 0.315 g/100mL



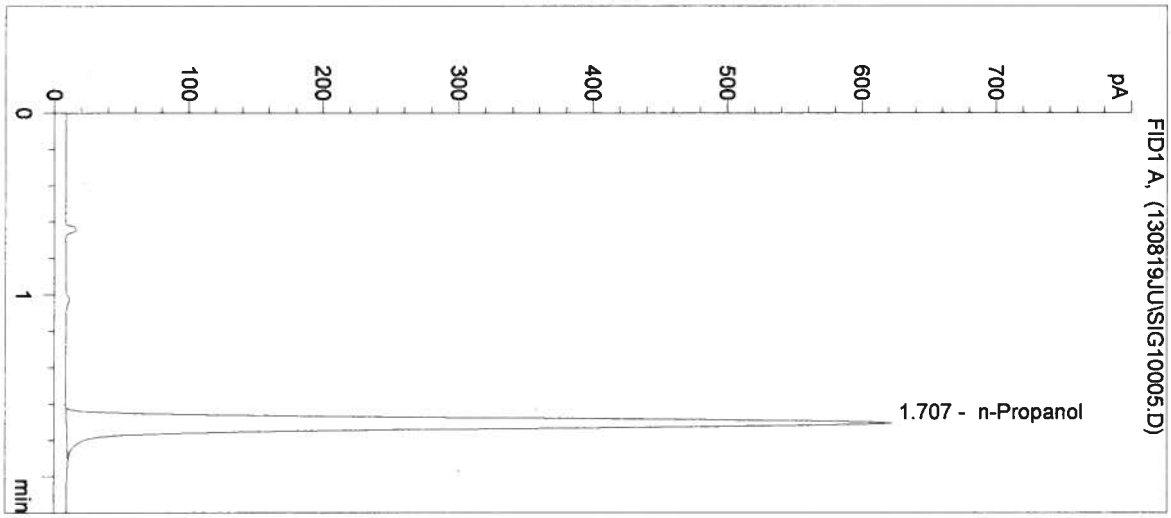
n-Propanol 0.012 g/100mL

13041

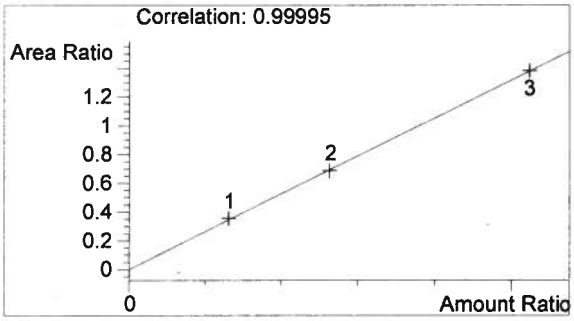
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 1:10:15 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

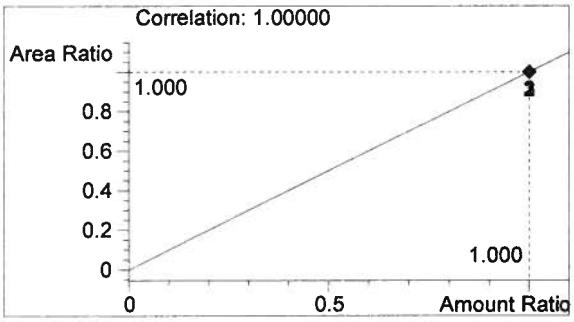
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2447	1.707



Ethanol 0.000 g/100mL



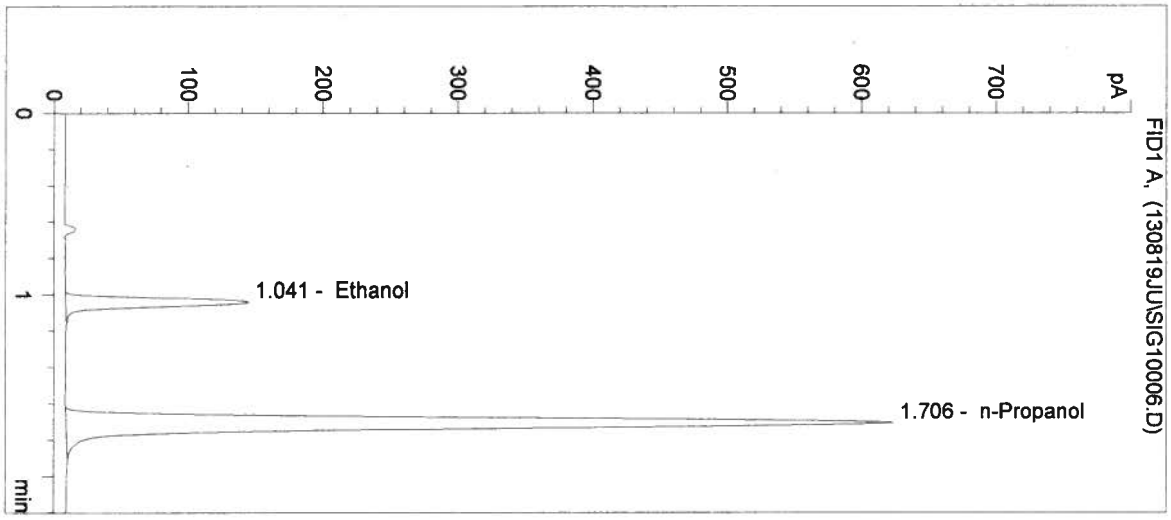
n-Propanol 0.012 g/100mL

13041

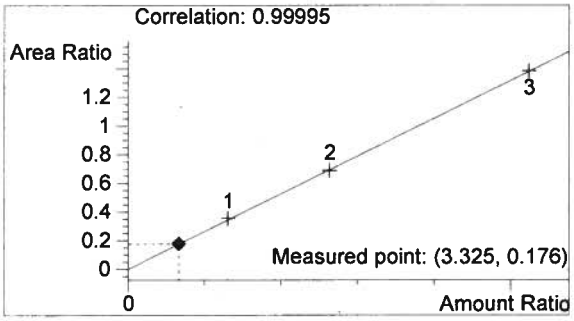
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 1:13:19 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.04g/100mL

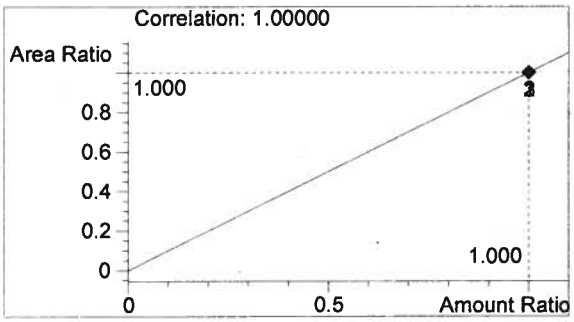
Sample Name: 0.04 CTRL JK
Operator: Justin Knoy
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	432	1.041
2	n-Propanol	2455	1.706



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

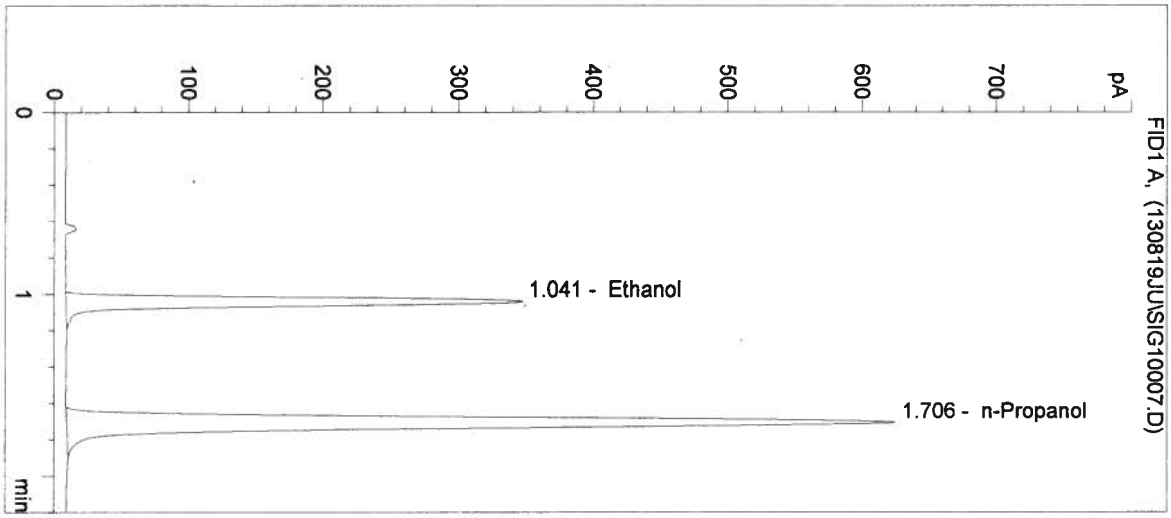
13041

Data File: C:\HPCHEM\1\DATA\130819JU\SIG10006.D

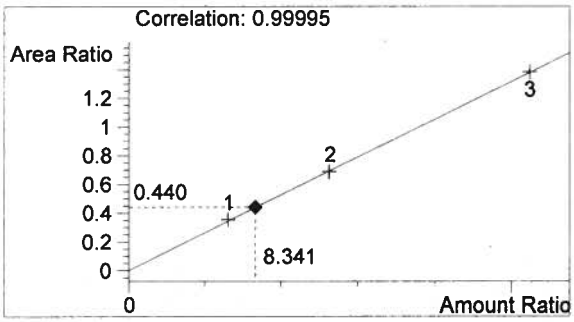
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 1:16:24 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10g/100mL

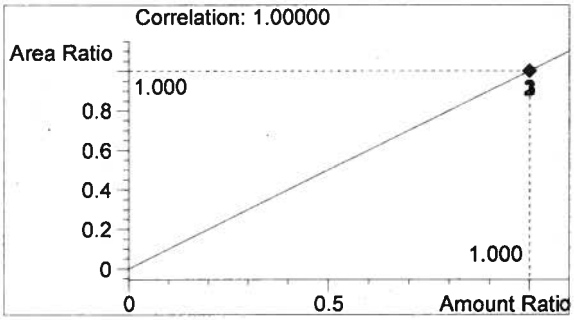
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1084	1.041
2	n-Propanol	2464	1.706



Ethanol 0.100 g/100mL



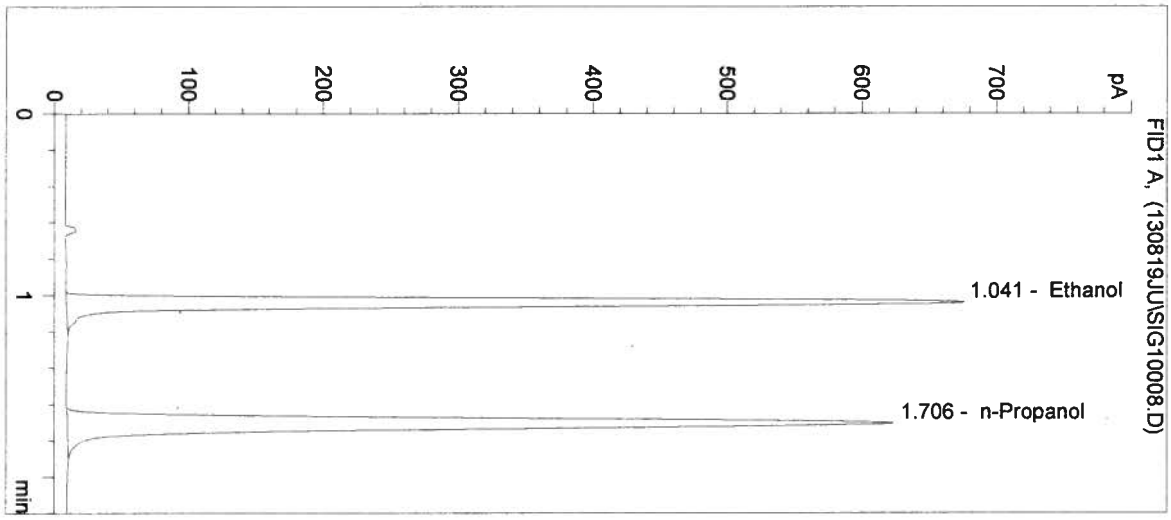
n-Propanol 0.012 g/100mL

13041

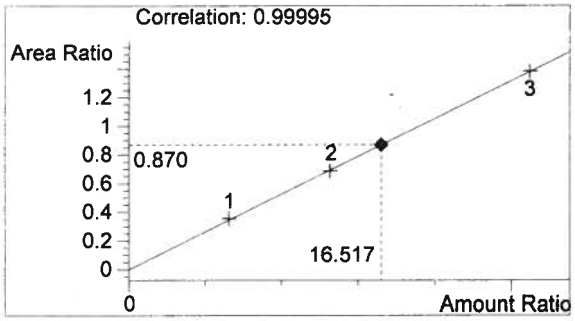
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 1:19:29 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.20g/100mL

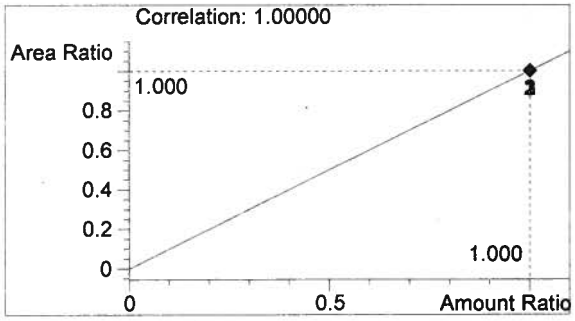
Sample Name: 0.20 CTRL JK
Operator: Justin Knoy
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2130	1.041
2	n-Propanol	2449	1.706



Ethanol 0.198 g/100mL



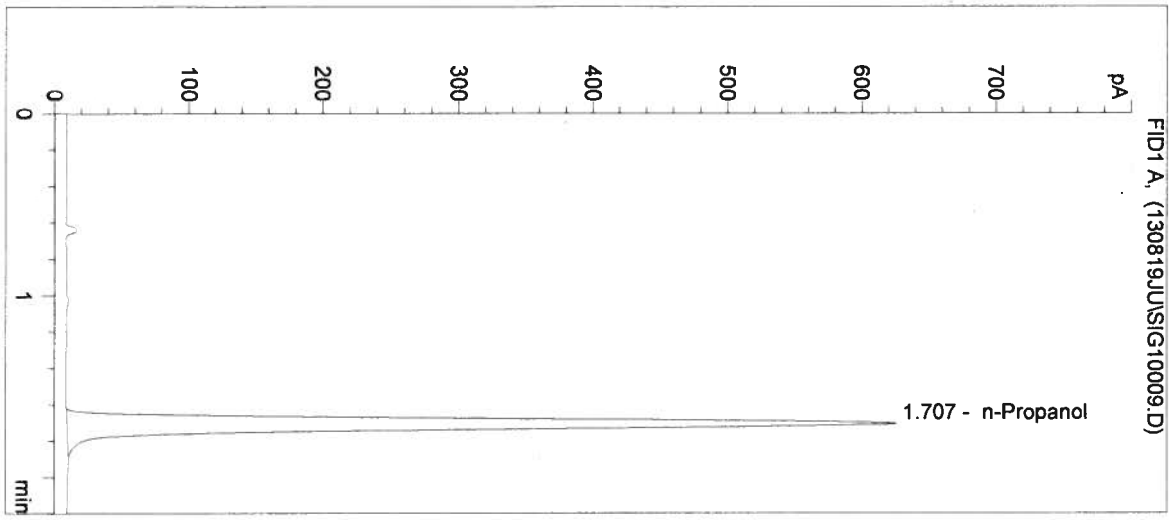
n-Propanol 0.012 g/100mL

13041

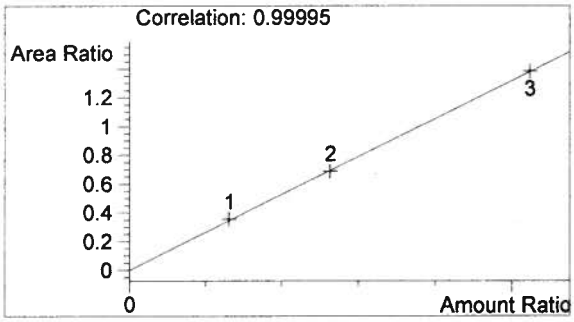
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 1:22:33 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

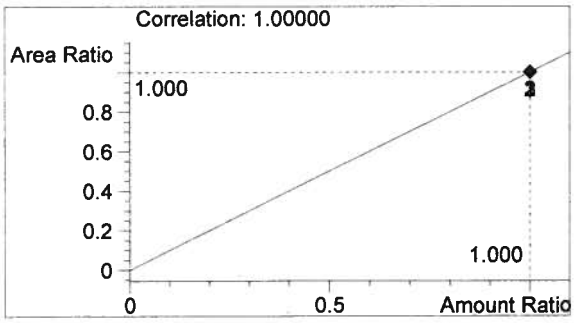
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2458	1.707



Ethanol 0.000 g/100mL



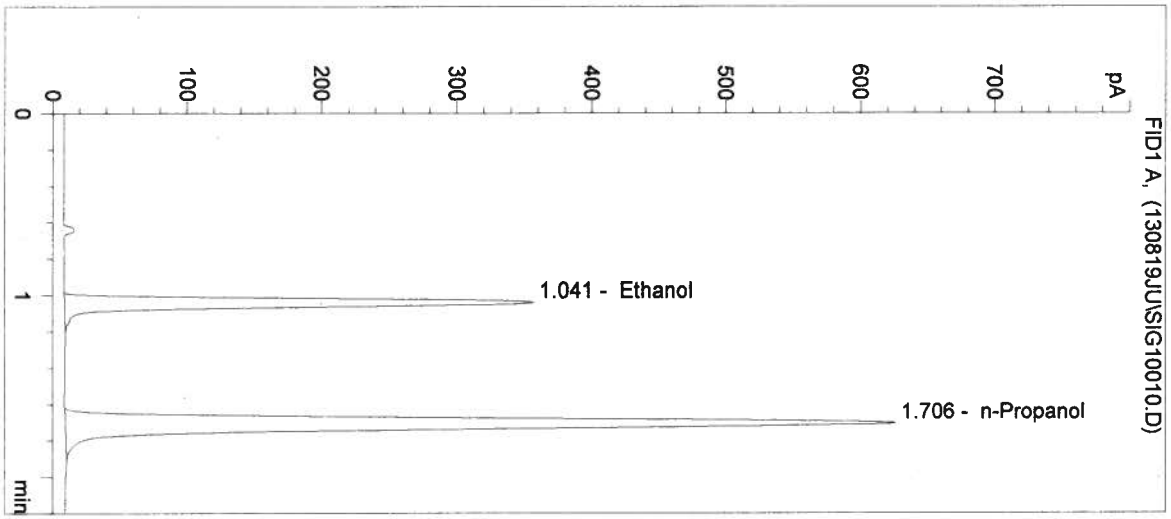
n-Propanol 0.012 g/100mL

13041

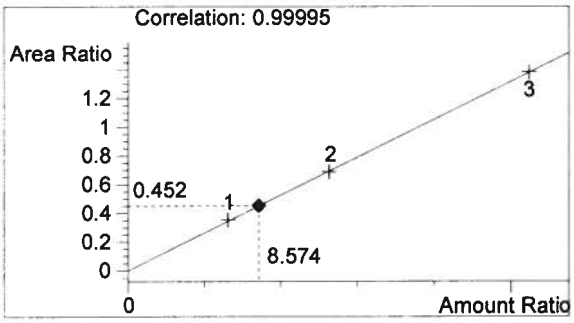
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 1:25:38 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

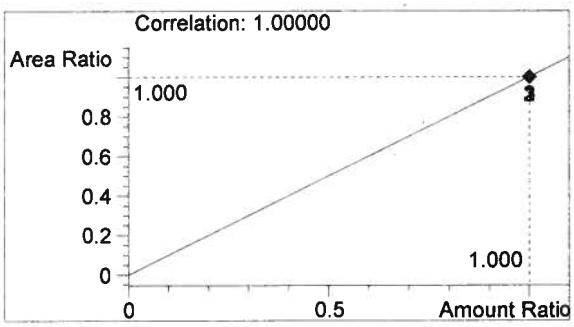
Sample Name: 13041-1
Operator: Justin Knoy
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1110	1.041
2	n-Propanol	2455	1.706



Ethanol 0.103 g/100mL

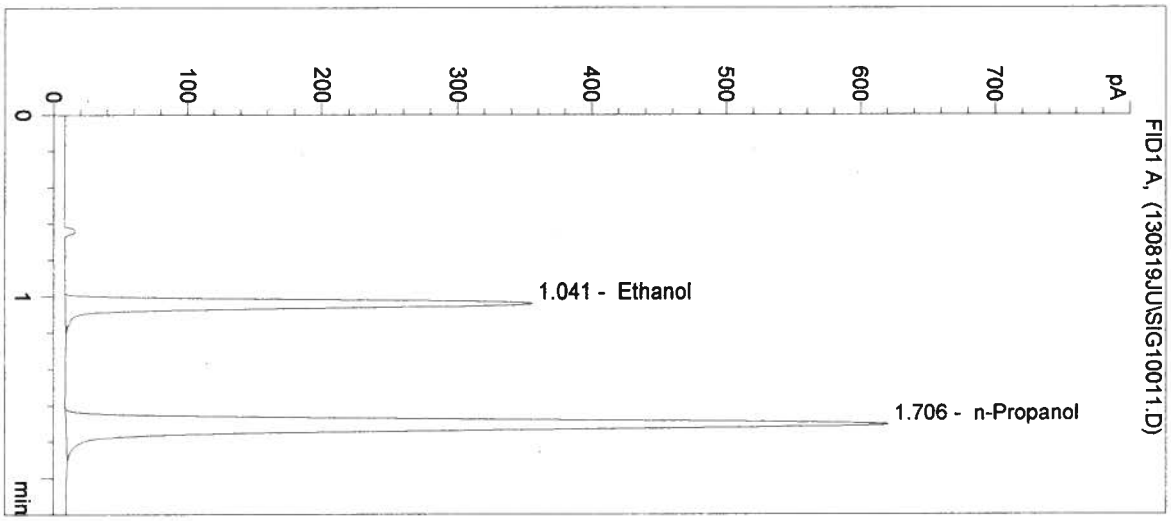


n-Propanol 0.012 g/100mL

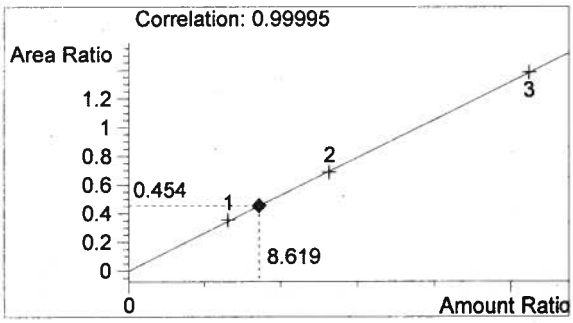
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 1:28:43 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

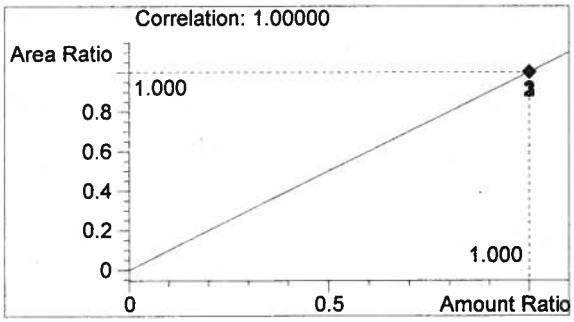
Sample Name: 13041-2
Operator: Justin Knoy
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1109	1.041
2	n-Propanol	2440	1.706



Ethanol 0.103 g/100mL

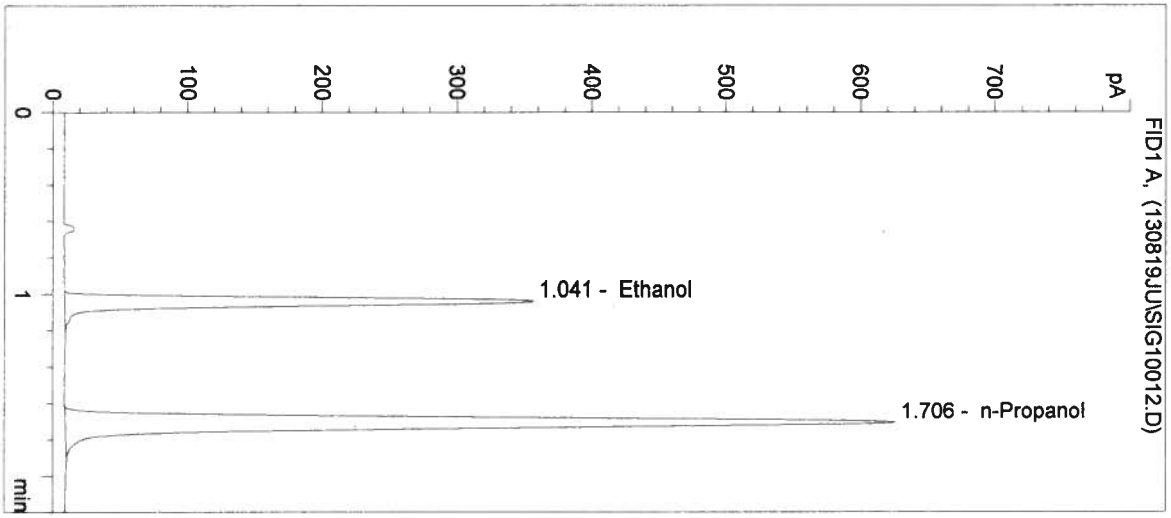


n-Propanol 0.012 g/100mL

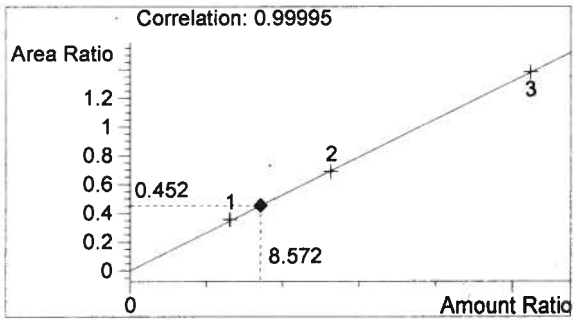
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 1:31:48 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

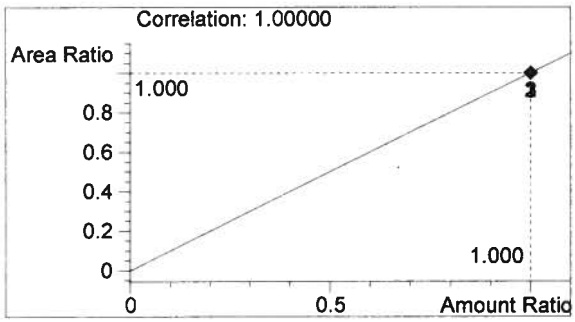
Sample Name: 13041-3
Operator: Justin Knoy
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1114	1.041
2	n-Propanol	2464	1.706



Ethanol 0.103 g/100mL

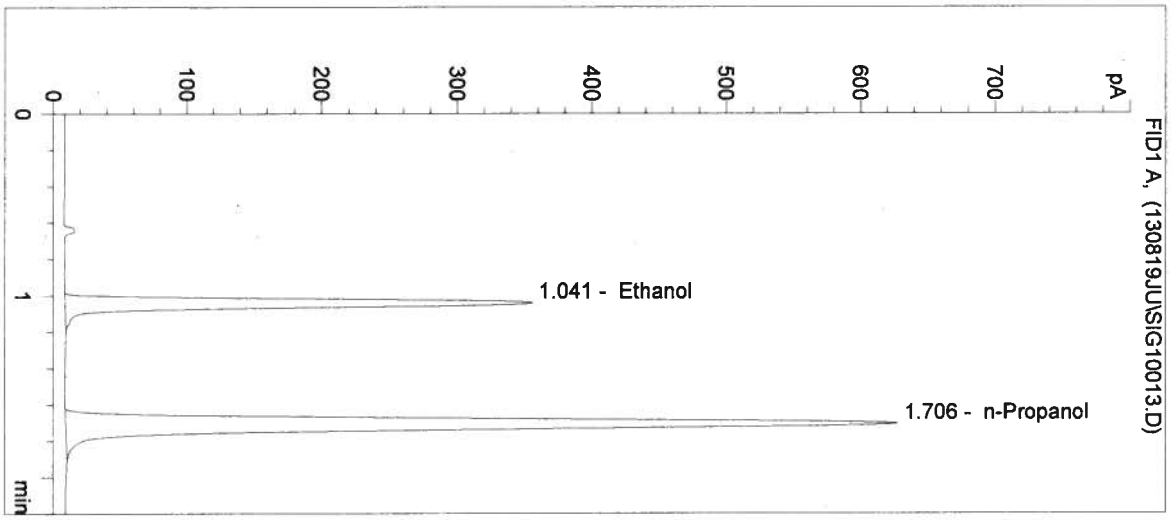


n-Propanol 0.012 g/100mL

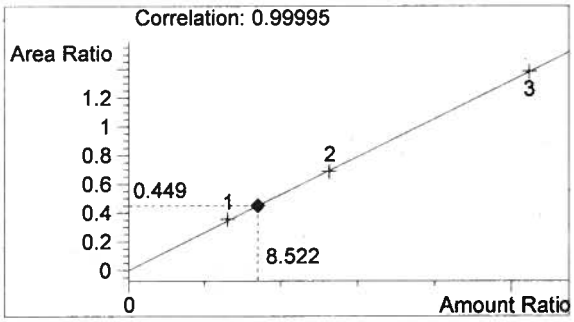
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 1:34:53 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

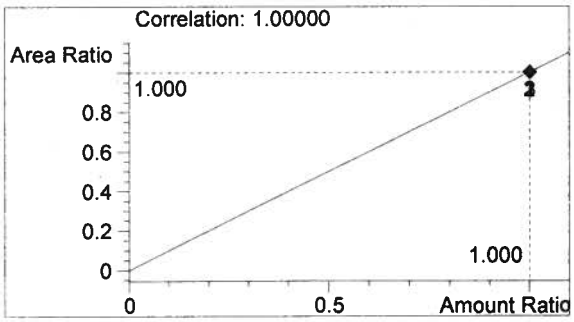
Sample Name: 13041-4
Operator: Justin Knoy
Location: Vial 13



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



Ethanol 0.102 g/100mL

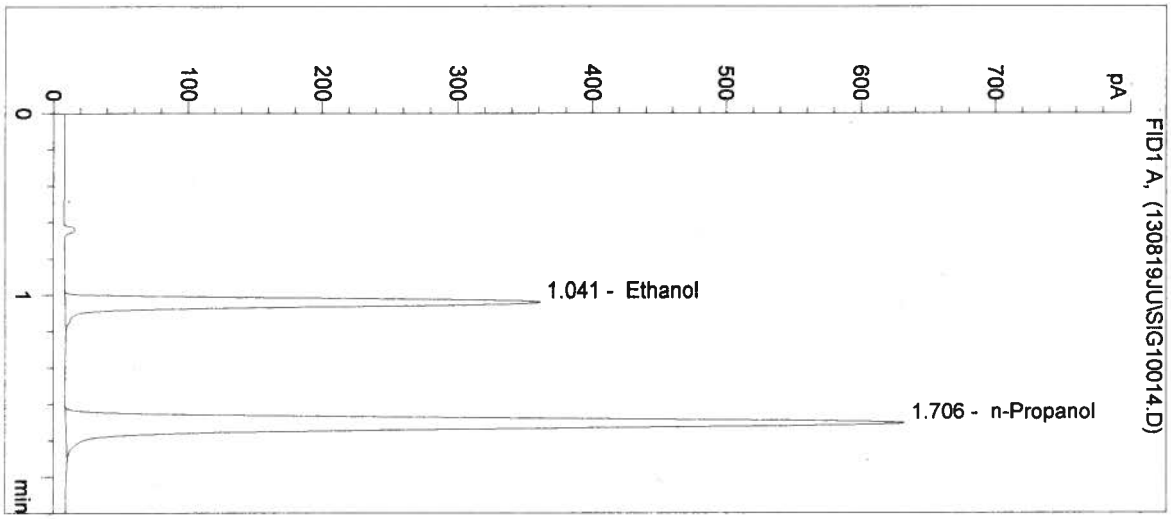


n-Propanol 0.012 g/100mL

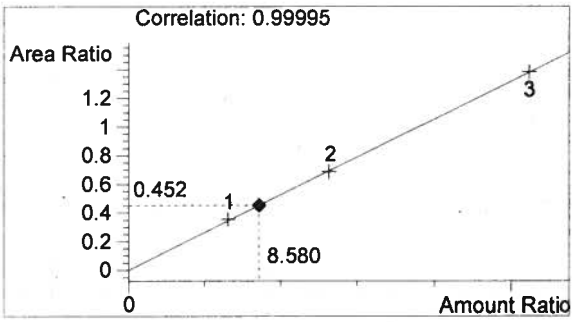
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 1:37:57 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

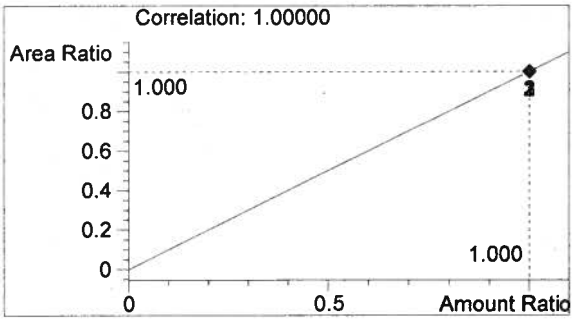
Sample Name: 13041-5
Operator: Justin Knoy
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1126	1.041
2	n-Propanol	2489	1.706



Ethanol 0.103 g/100mL

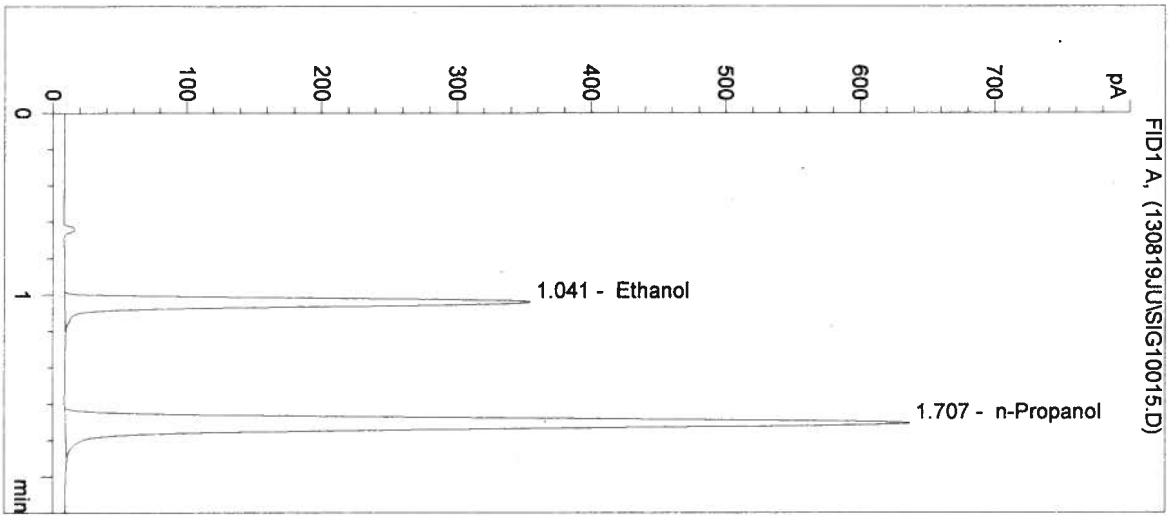


n-Propanol 0.012 g/100mL

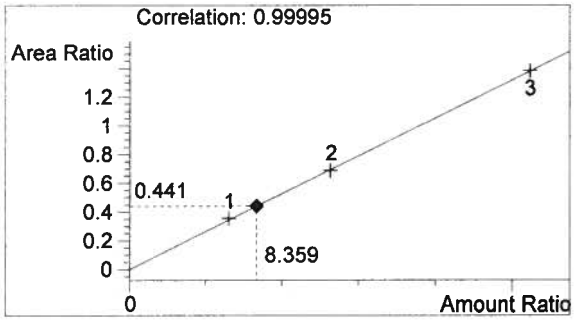
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 1:41:02 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 0.10g/100mL

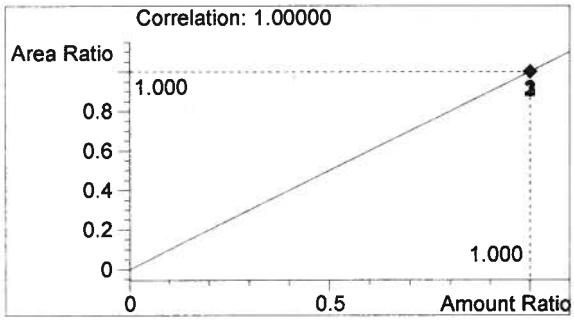
Sample Name: 0.10 CTRL JK
Operator: Justin Knoy
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1102	1.041
2	n-Propanol	2501	1.707



Ethanol 0.100 g/100mL



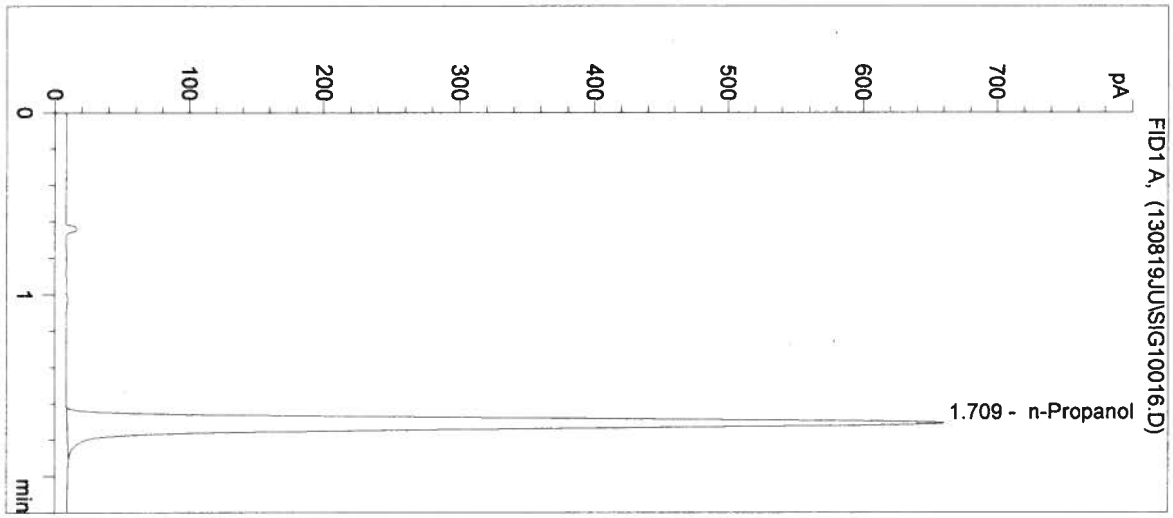
n-Propanol 0.012 g/100mL

13041

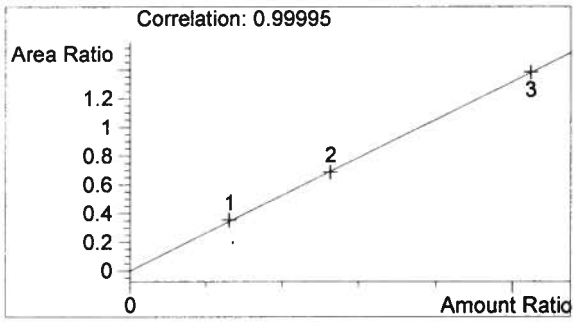
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 1:44:07 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

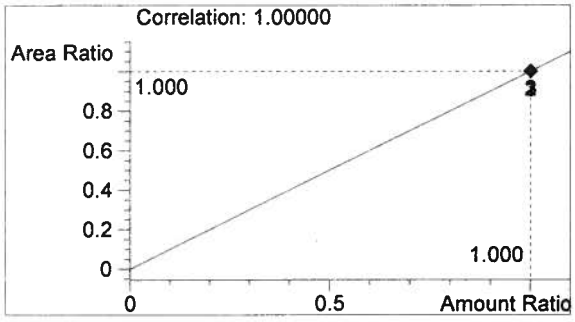
Sample Name: NEG CTRL JK
Operator: Justin Knoy
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2603	1.709



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13041

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:	130819A1
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
cal 1 e0713-01 exp 01/24/2014
cal 2 e0713-02 exp 01/24/2014
cal 3 e0713-03 exp 01/24/2014
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 p0713 exp 10/08/2013

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 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	13041 #1	SIMALC1	1	Sample		
11	Vial 11	13041 #2	SIMALC1	1	Sample		
12	Vial 12	13041 #3	SIMALC1	1	Sample		
13	Vial 13	13041 #4	SIMALC1	1	Sample		
14	Vial 14	13041 #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		

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	

AL

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

Sequence Table (Back Injector):

No entries - empty table!

13041

PATA
1303819A1

AL

Calibration Table

Calib. Data Modified : Monday, August 19, 2013 4:10:06 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	7.87500e-2	945.58142	8.32821e-5	1		Ethanol
		2	1.58140e-1	1819.79846	8.68997e-5			
		3	3.14420e-1	3371.80933	9.32496e-5			
1.706	1	1	1.20000e-2	2629.81836	4.56305e-6	I1		n-Propanol
		2	1.20000e-2	2574.67334	4.66079e-6			
		3	1.20000e-2	2438.23853	4.92159e-6			

Peak Sum Table

No Entries in table

13041

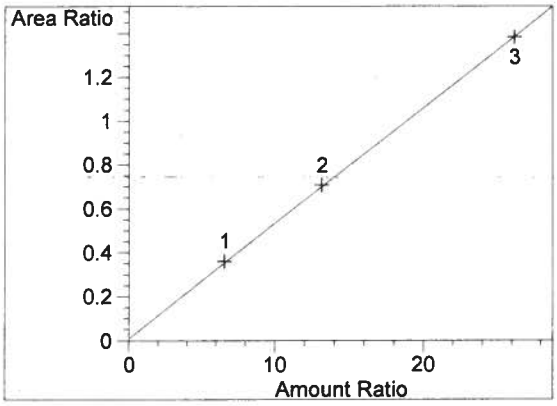
DATA
13089A1

AL

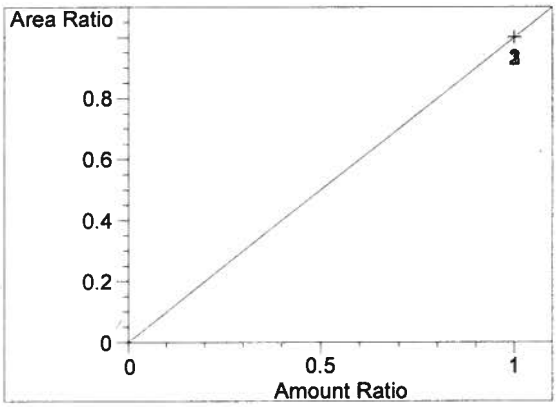
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.041
FID1 A,
Correlation: 0.99993
Residual Std. Dev.: 0.00854
Formula: y = mx + b
m: 5.26564e-2
b: 7.52286e-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

==========

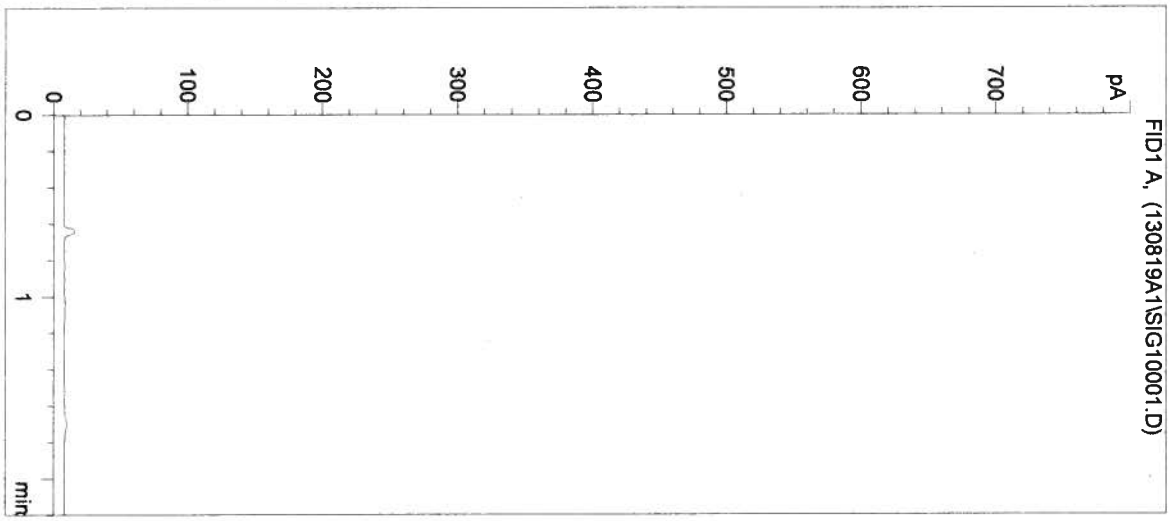
13041

DATA
130819A1

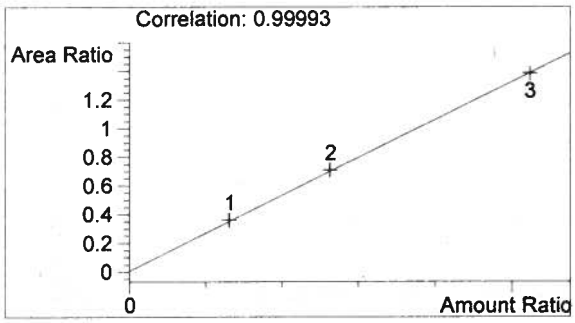
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 3:58:39 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

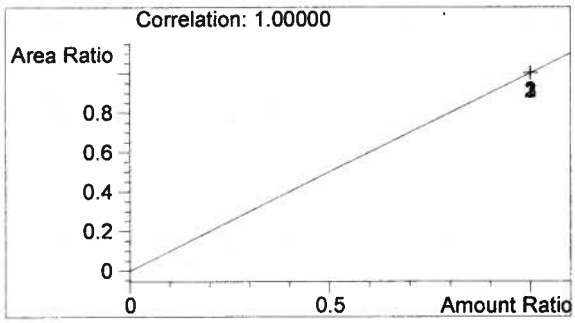
Sample Name: blank
Operator: asa louis
Location: Vial 1



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



Ethanol 0.000 g/100mL



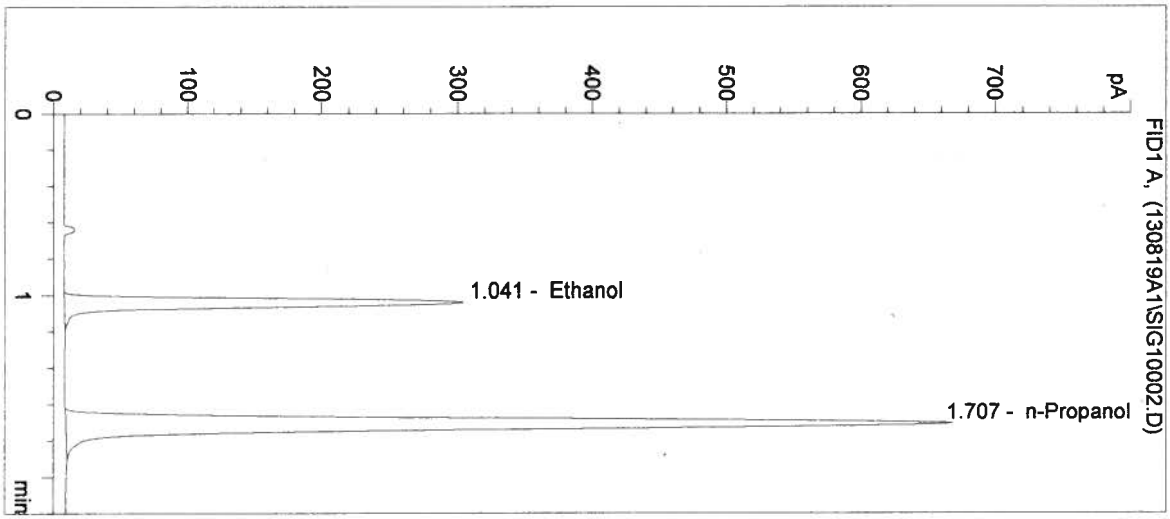
n-Propanol 0.000 g/100mL

13041

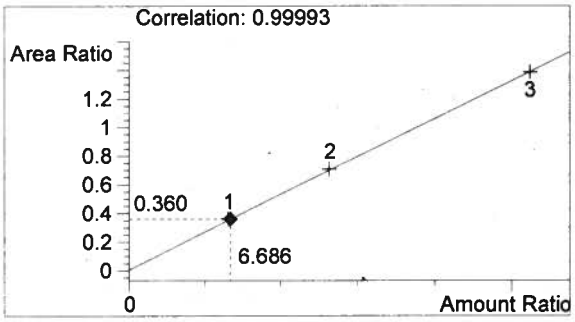
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 4:01:44 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

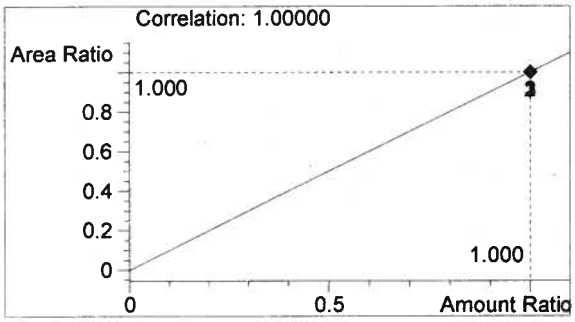
Sample Name: 0.079 cal 1
Operator: asa louis
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	946	1.041
2	n-Propanol	2630	1.707



Ethanol 0.080 g/100mL



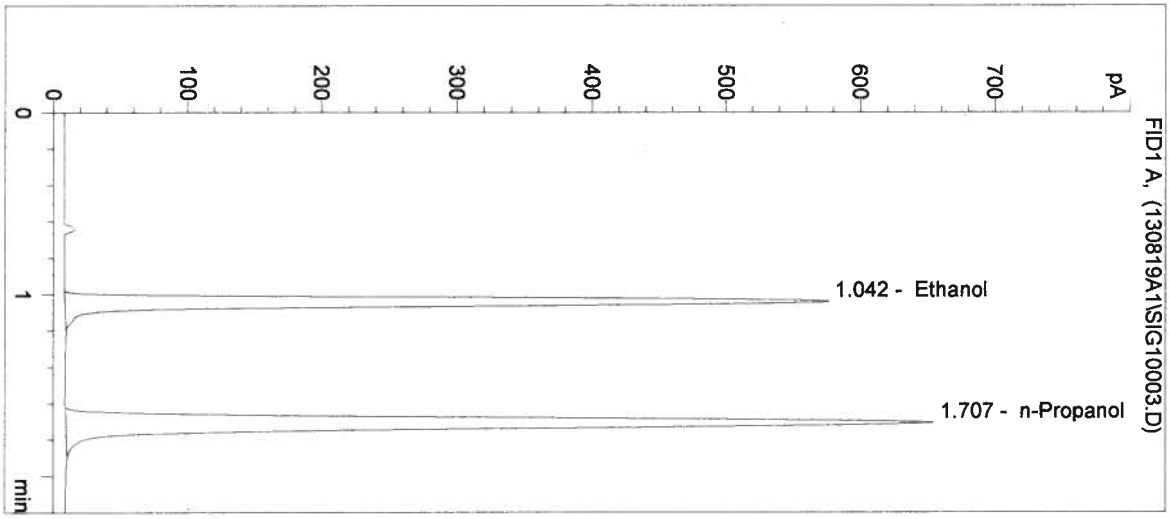
n-Propanol 0.012 g/100mL

13041

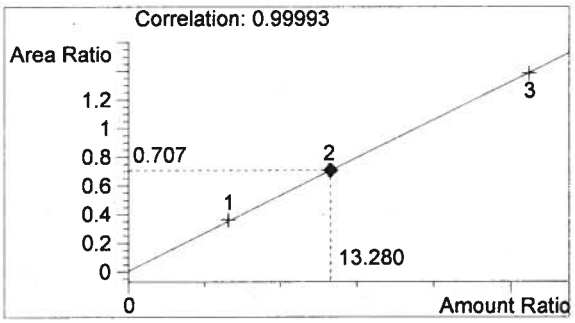
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 4:04:48 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

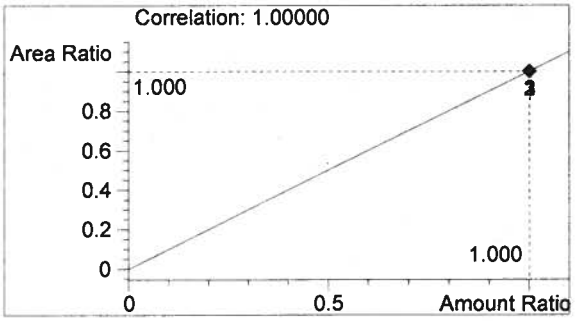
Sample Name: 0.158 cal 2
Operator: asa louis
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1820	1.042
2	n-Propanol	2575	1.707



Ethanol 0.159 g/100mL



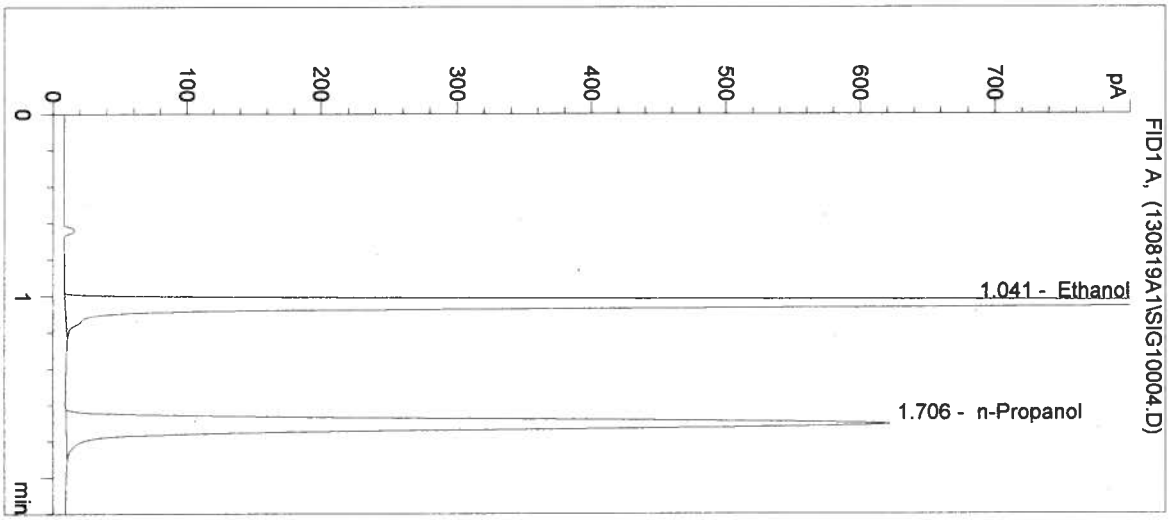
n-Propanol 0.012 g/100mL

13041

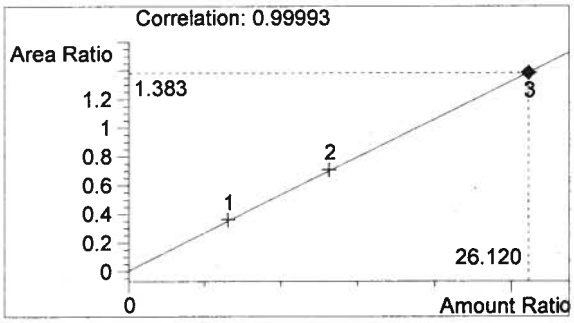
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 4:07:53 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

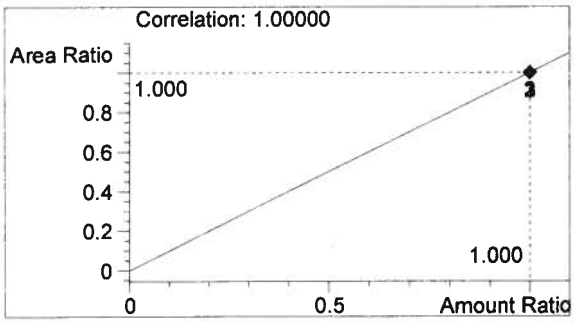
Sample Name: 0.316 cal 3
Operator: asa louis
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3372	1.041
2	n-Propanol	2438	1.706



Ethanol 0.313 g/100mL



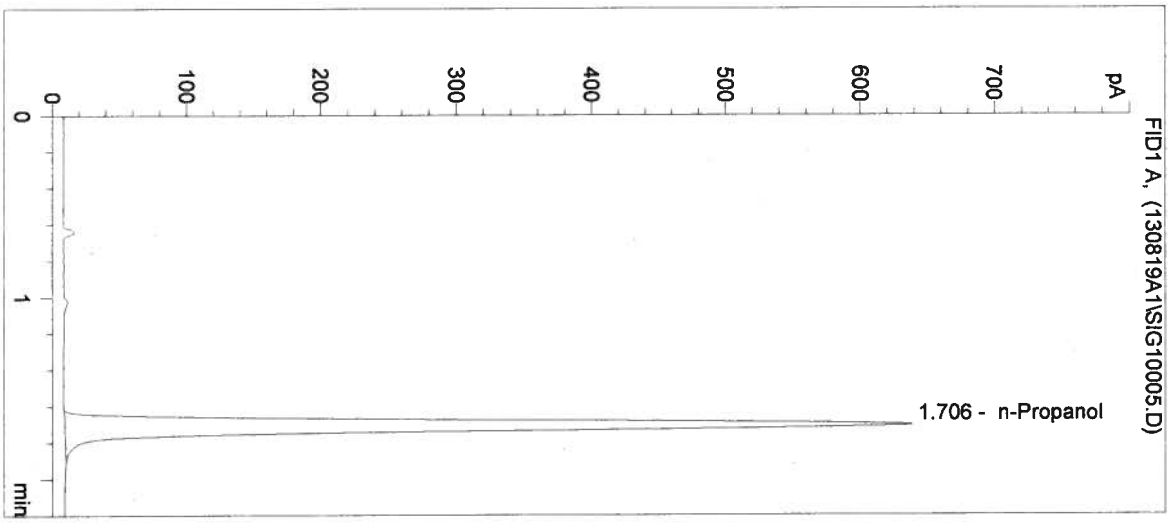
n-Propanol 0.012 g/100mL

13041

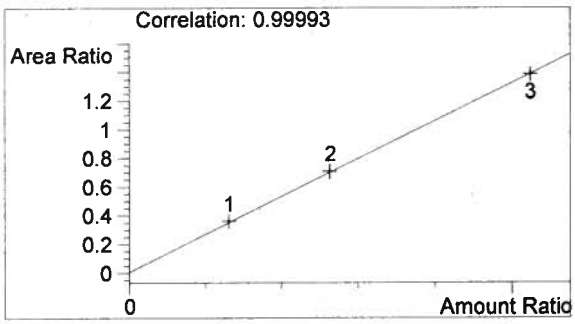
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 4:10:57 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

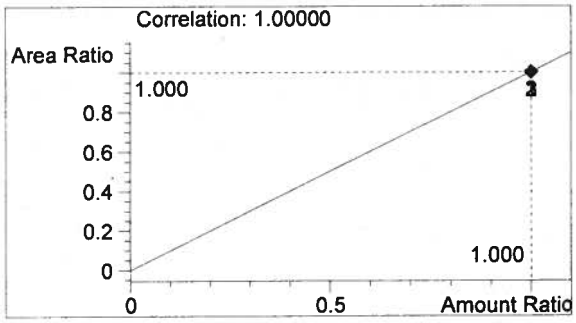
Sample Name: neg control - al
Operator: asa louis
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2509	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

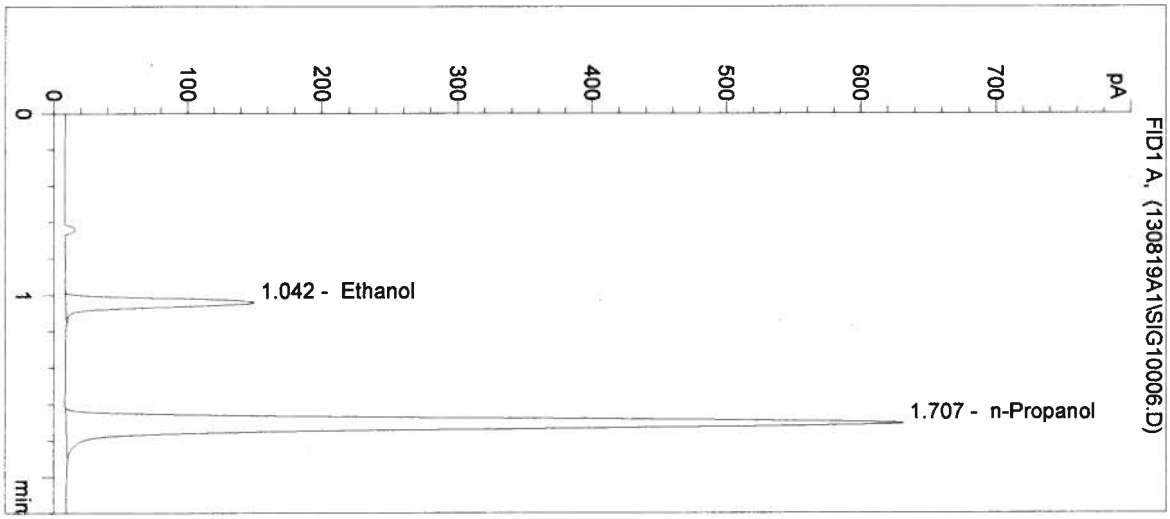
13041

Data File: C:\HPCHEM\1\DATA\130819A1\SIG10005.D

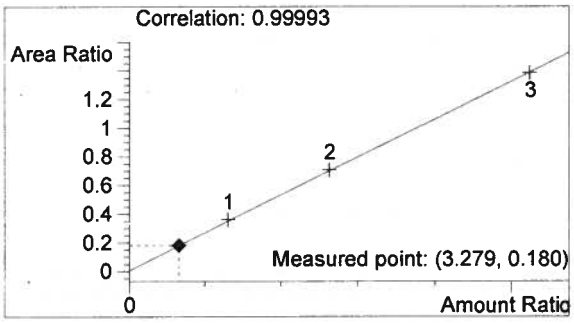
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 4:14:02 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

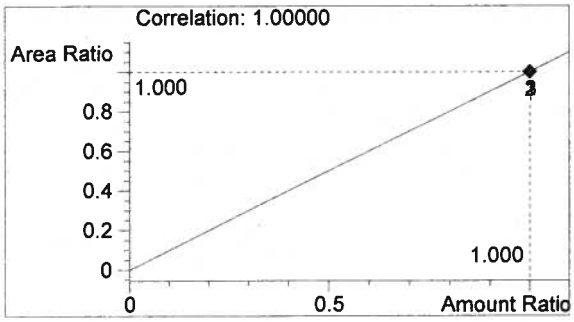
Sample Name: 0.04 ctrl al
Operator: asa louis
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	448	1.042
2	n-Propanol	2484	1.707



Ethanol 0.039 g/100mL



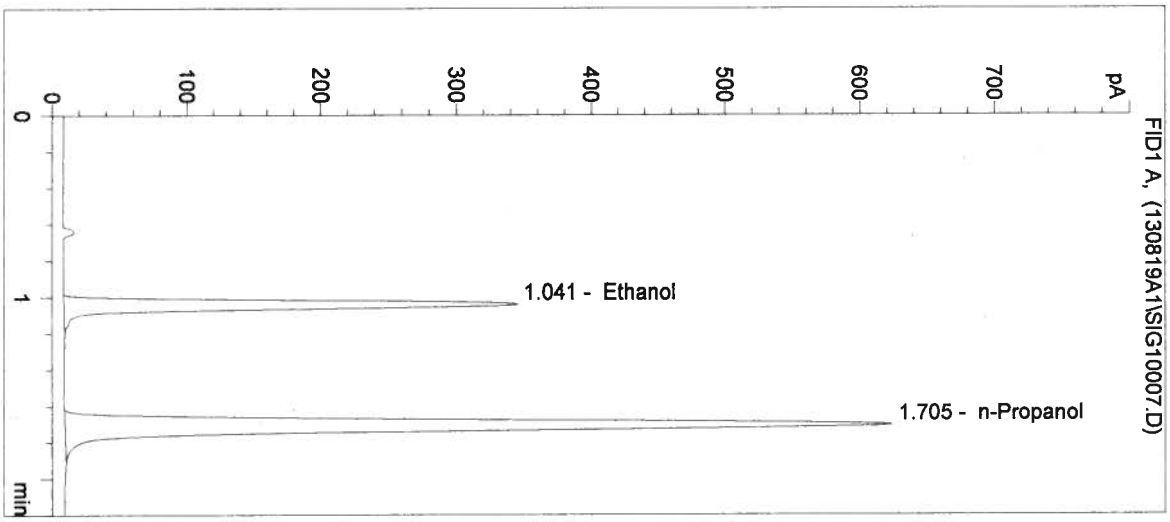
n-Propanol 0.012 g/100mL

13041

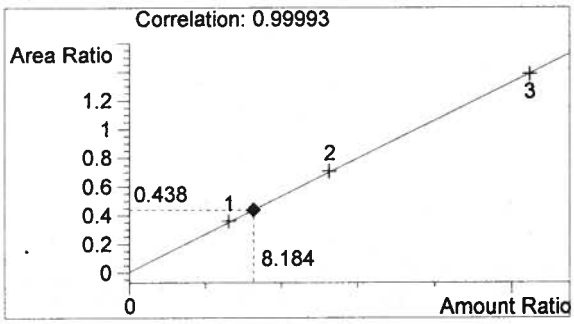
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 4:17:07 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

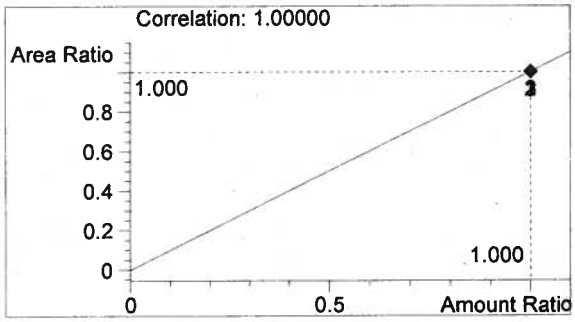
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1076	1.041
2	n-Propanol	2454	1.705



Ethanol 0.098 g/100mL



n-Propanol 0.012 g/100mL

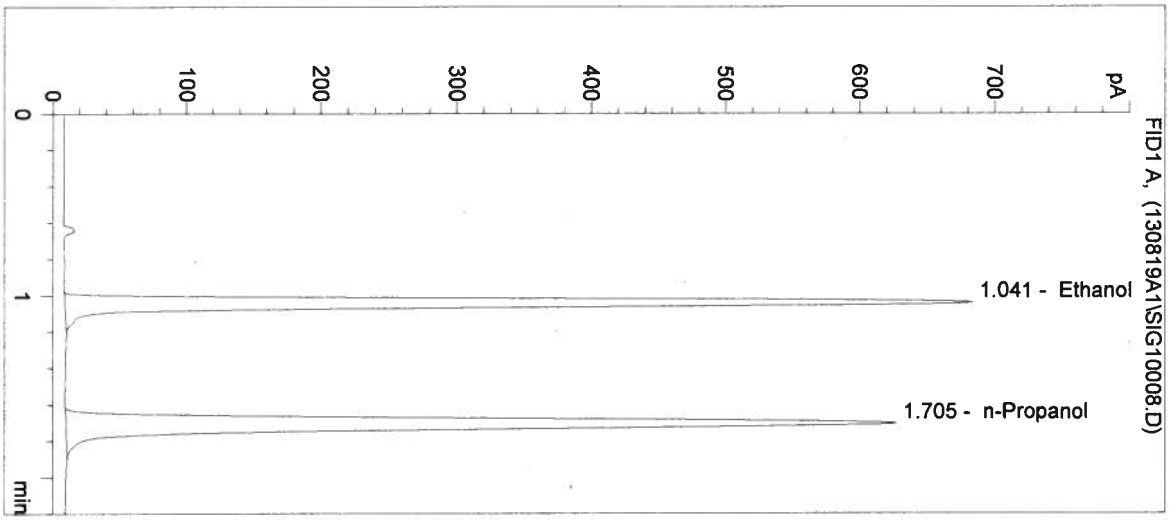
13041

Data File: C:\HPCHEM\1\DATA\130819A1\SIG10007.D

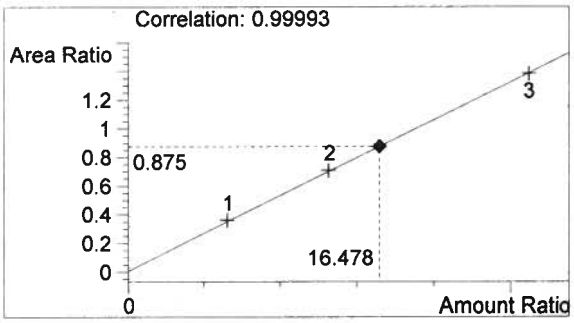
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 4:20:12 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

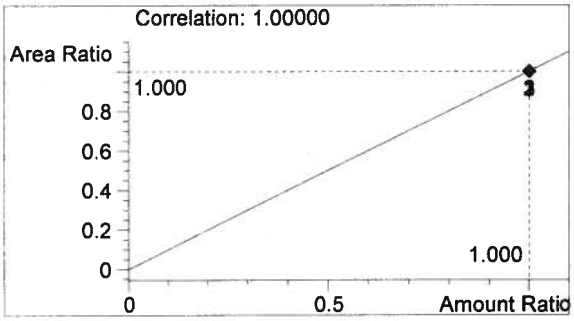
Sample Name: 0.20 ctrl al
Operator: asa louis
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2160	1.041
2	n-Propanol	2468	1.705



Ethanol 0.198 g/100mL



n-Propanol 0.012 g/100mL

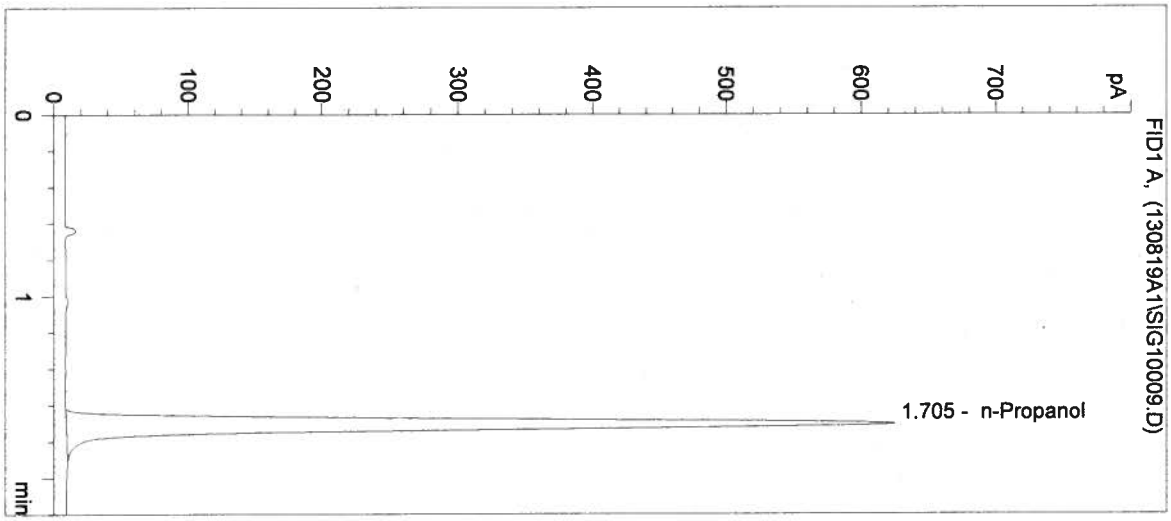
13041

sl

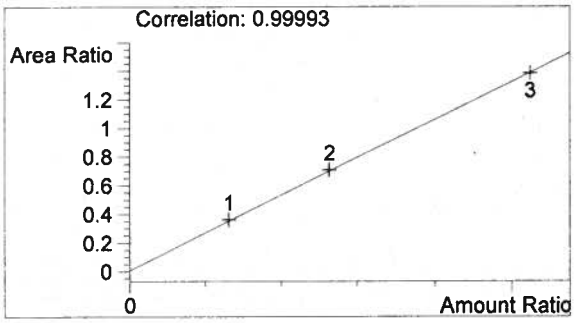
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 4:23:17 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

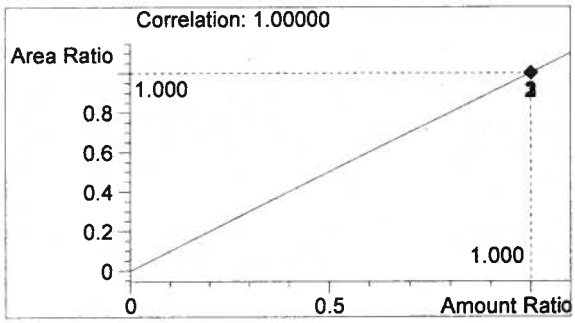
Sample Name: neg control - al
Operator: asa louis
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2458	1.705



Ethanol 0.000 g/100mL



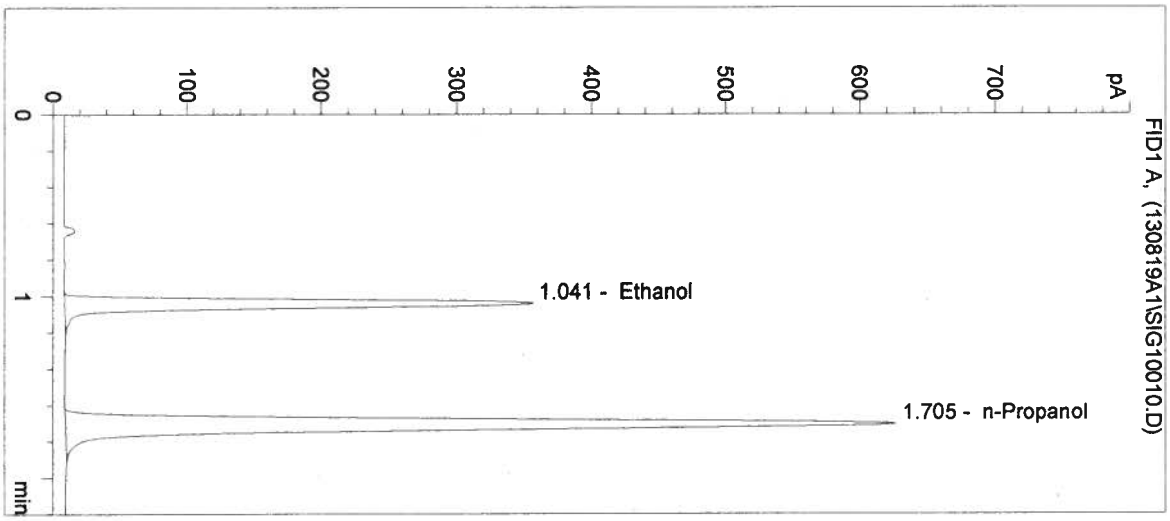
n-Propanol 0.012 g/100mL

13041

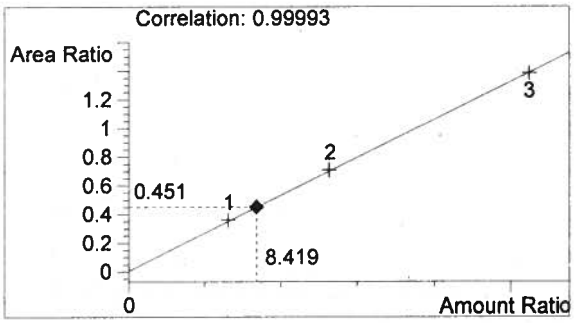
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 4:26:21 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

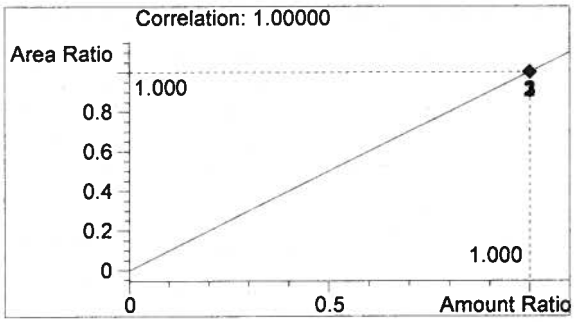
Sample Name: 13041 #1
Operator: asa louis
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1110	1.041
2	n-Propanol	2462	1.705



Ethanol 0.101 g/100mL

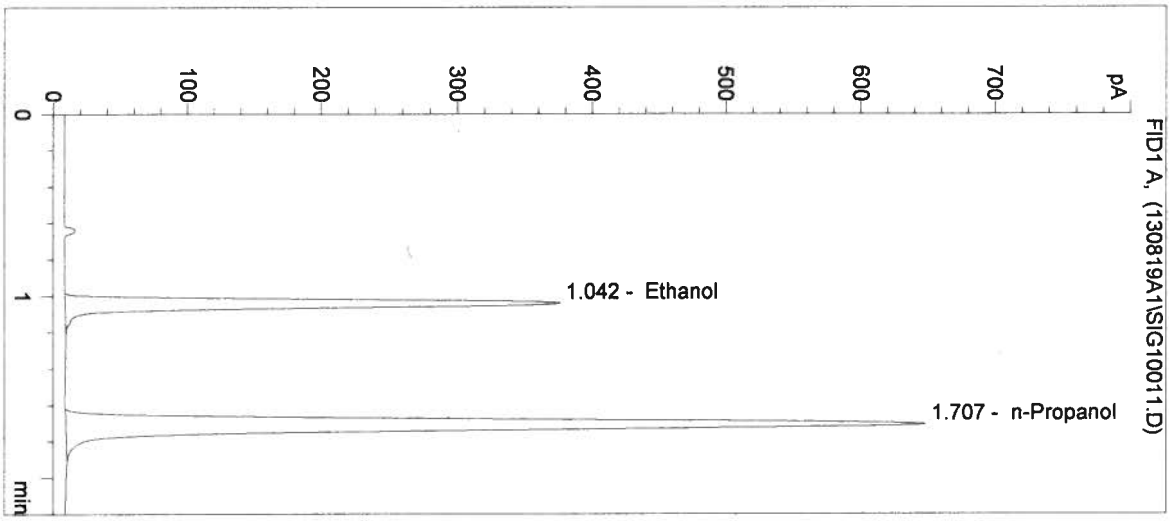


n-Propanol 0.012 g/100mL

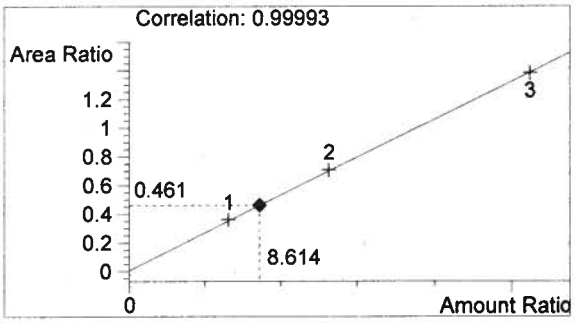
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 4:29:26 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

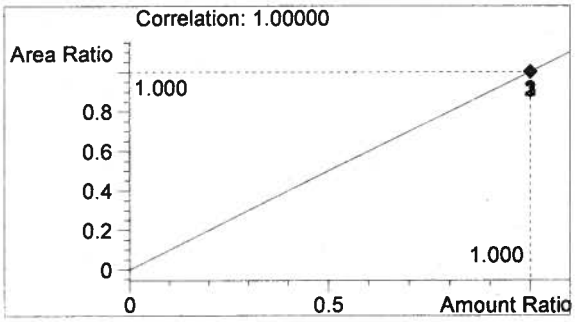
Sample Name: 13041 #2
Operator: asa louis
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1175	1.042
2	n-Propanol	2548	1.707



Ethanol 0.103 g/100mL

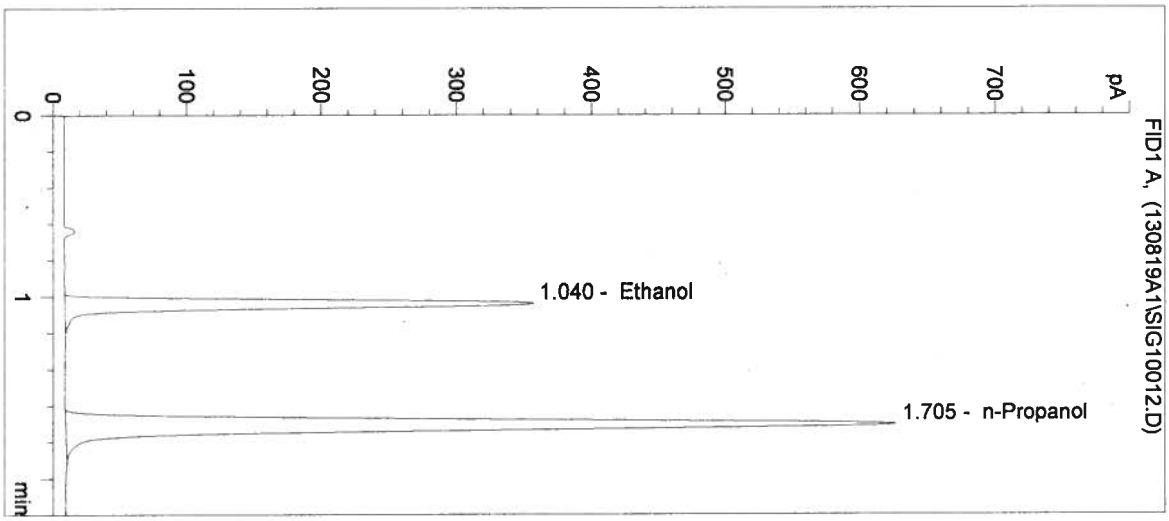


n-Propanol 0.012 g/100mL

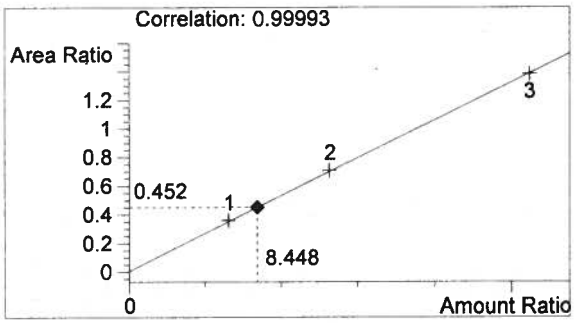
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 4:32:30 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

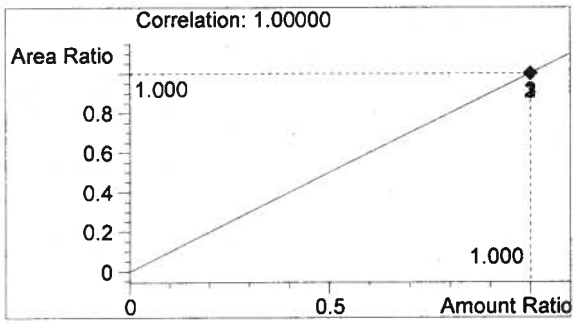
Sample Name: 13041 #3
Operator: asa louis
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1115	1.040
2	n-Propanol	2464	1.705



Ethanol 0.101 g/100mL

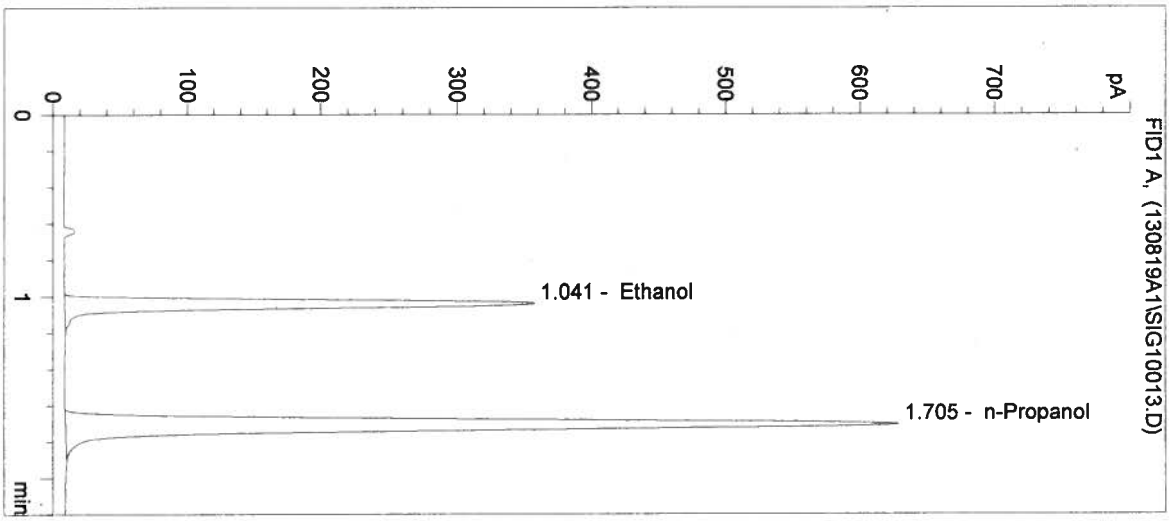


n-Propanol 0.012 g/100mL

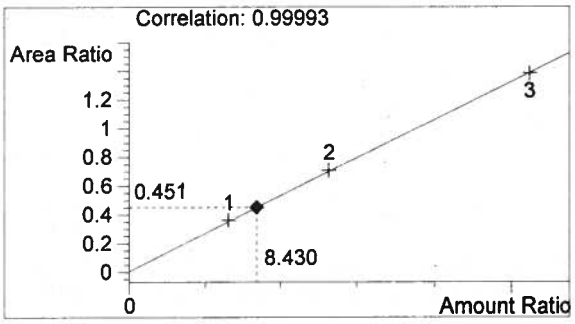
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 4:35:35 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

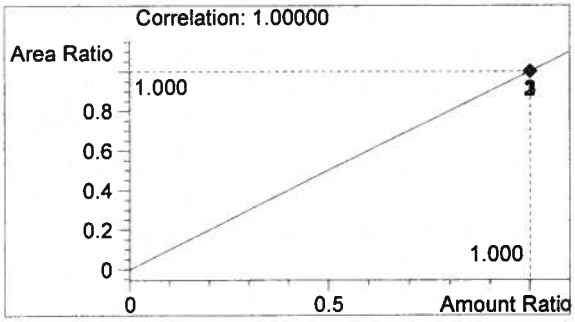
Sample Name: 13041 #4
Operator: asa louis
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1116	1.041
2	n-Propanol	2471	1.705



Ethanol 0.101 g/100mL

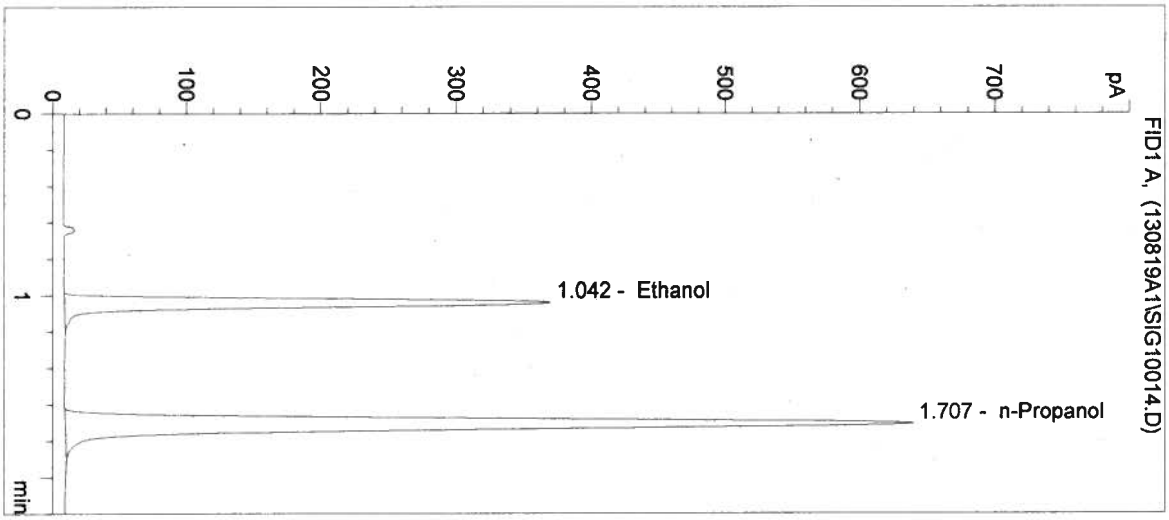


n-Propanol 0.012 g/100mL

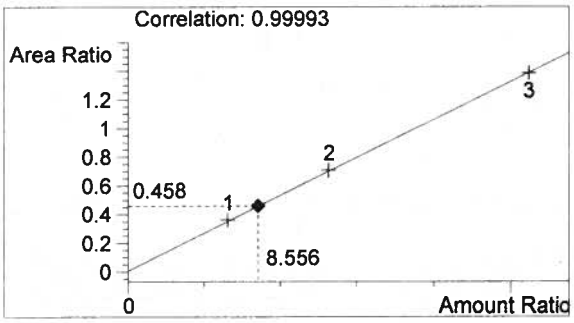
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 4:38:40 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

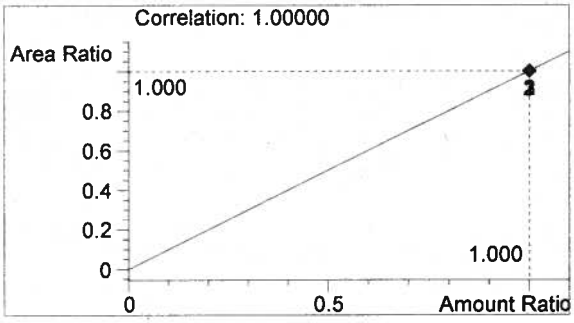
Sample Name: 13041 #5
Operator: asa louis
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1150	1.042
2	n-Propanol	2511	1.707



Ethanol 0.103 g/100mL

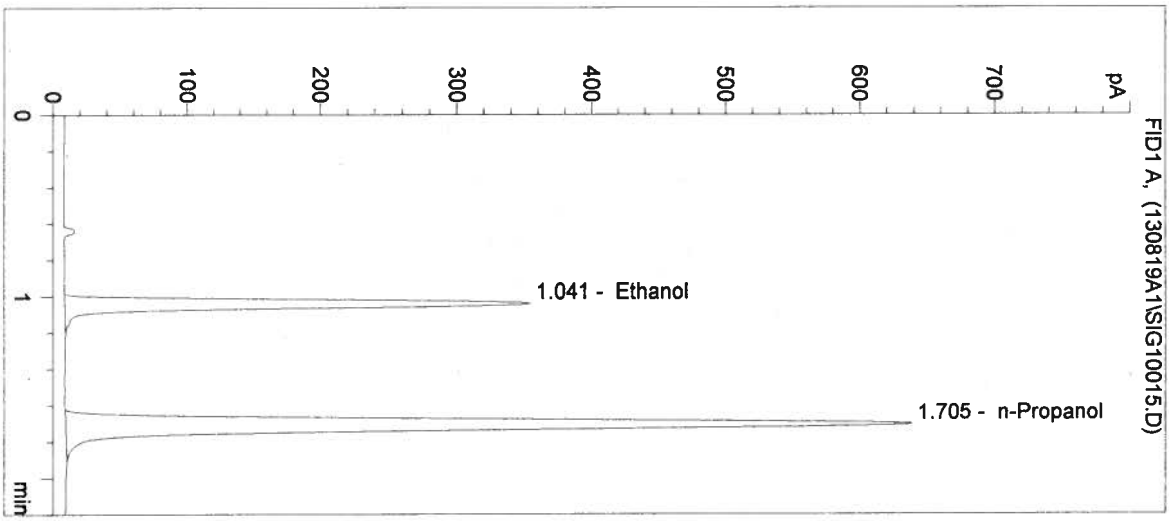


n-Propanol 0.012 g/100mL

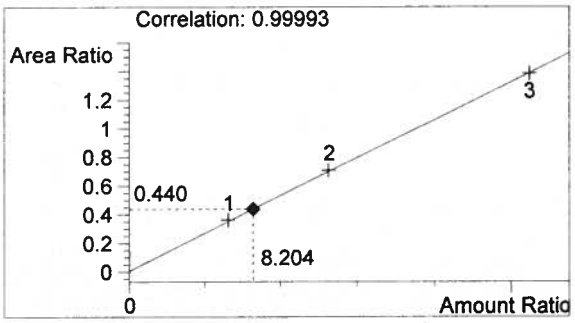
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 4:41:45 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

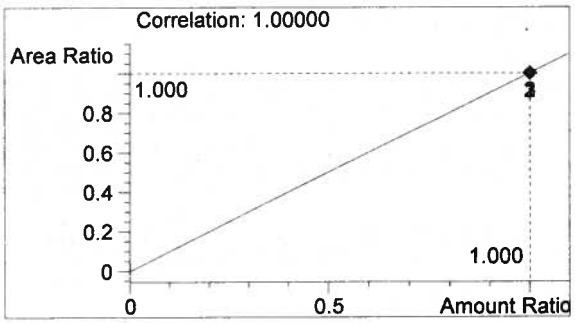
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1103	1.041
2	n-Propanol	2510	1.705



Ethanol 0.098 g/100mL



n-Propanol 0.012 g/100mL

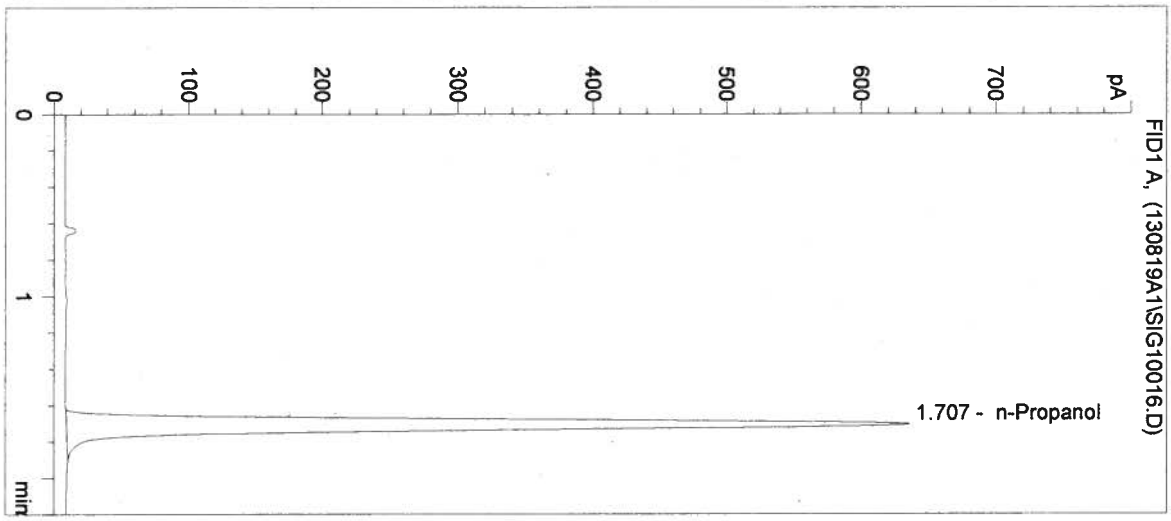
13041

Data File: C:\HPCHEM\1\DATA\130819A1\SIG10015.D

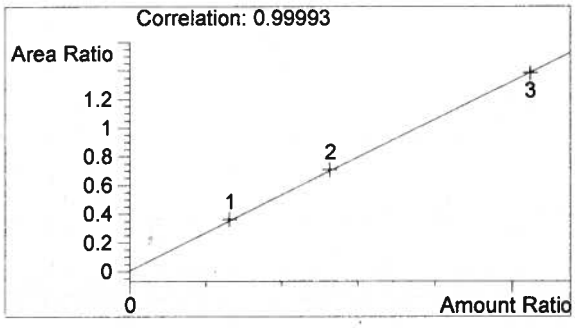
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 4:44:50 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

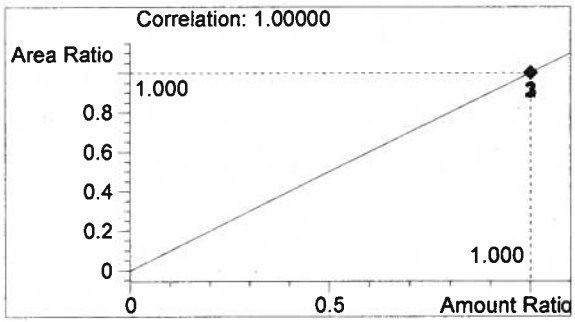
Sample Name: neg control - al
Operator: asa louis
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2498	1.707



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13041

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:	130819CJ
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0713-01 - Exp. 01/24/2014
Ethanol Calibrator 2, E0713-02 - Exp. 01/24/2014
Ethanol Calibrator 3, E0713-03 - Exp. 01/24/2014
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#P0713 - Exp. 10/08/13

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 13041 #1	SIMALC1	1	Sample		
11	Vial 11	ESS 13041 #2	SIMALC1	1	Sample		
12	Vial 12	ESS 13041 #3	SIMALC1	1	Sample		
13	Vial 13	ESS 13041 #4	SIMALC1	1	Sample		
14	Vial 14	ESS 13041 #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		
17	Vial 17	ESS 13042 #1	SIMALC1	1	Sample		
18	Vial 18	ESS 13042 #2	SIMALC1	1	Sample		
19	Vial 19	ESS 13042 #3	SIMALC1	1	Sample		
20	Vial 20	ESS 13042 #4	SIMALC1	1	Sample		
21	Vial 21	ESS 13042 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL-CJ	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL-CJ	SIMALC1	1	Ctrl Samp		

Calibration Part:

CJ

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

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

Sequence Table (Back Injector):

No entries - empty table!

13041

13042

CJ

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

Calibration Table

Calib. Data Modified : 8/20/2013 1:39:03 PM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Sig	Lvl	Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.041	1	1	7.87500e-2	855.53296	9.20479e-5	1		Ethanol
		2	1.58140e-1	1708.47351	9.25622e-5			
		3	3.14420e-1	3395.28223	9.26050e-5			
1.705	1	1	1.20000e-2	2460.74536	4.87657e-6	I1		n-Propanol
		2	1.20000e-2	2477.19385	4.84419e-6			
		3	1.20000e-2	2475.59692	4.84732e-6			

Peak Sum Table

No Entries in table

13041

13042

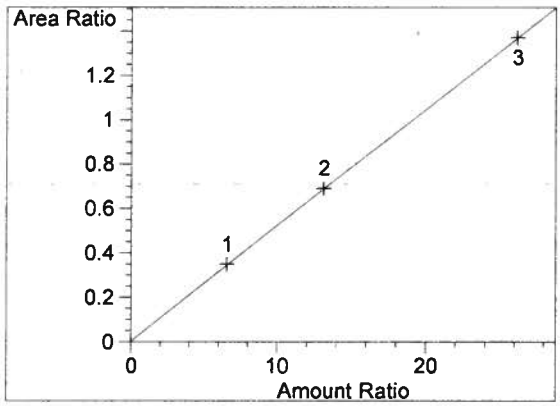
CJ

From 8/14/2013 Calibration CJ 8/20/13

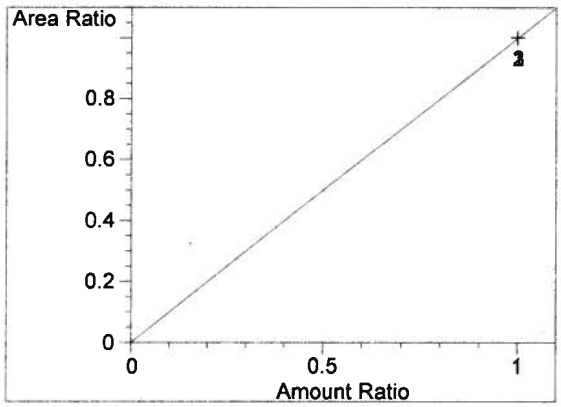
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.041
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00246
Formula: y = mx + b
m: 5.22889e-2
b: 1.64322e-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

==========

13041

13042

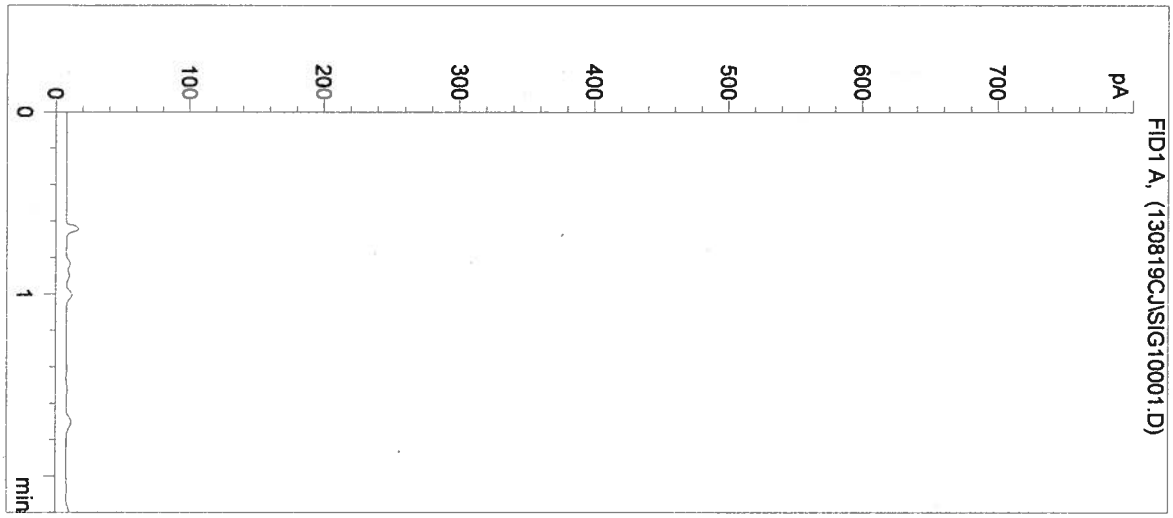
CJ

FROM 8/19/2013 Calibration CJ 8/20/13

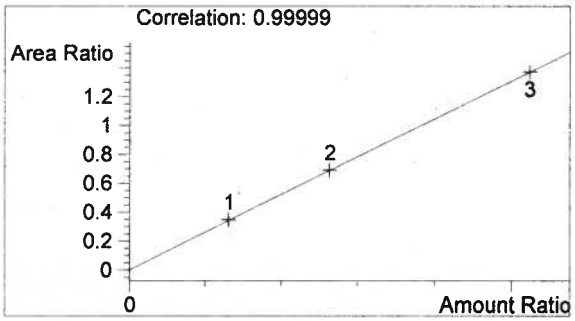
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 8:14:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

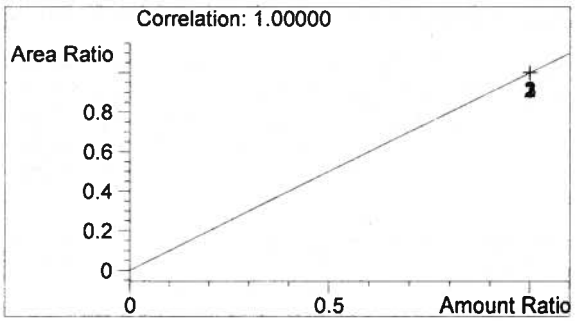
Sample Name: BLANK-CJ
Operator: Chris Johnston
Location: Vial 1



#	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

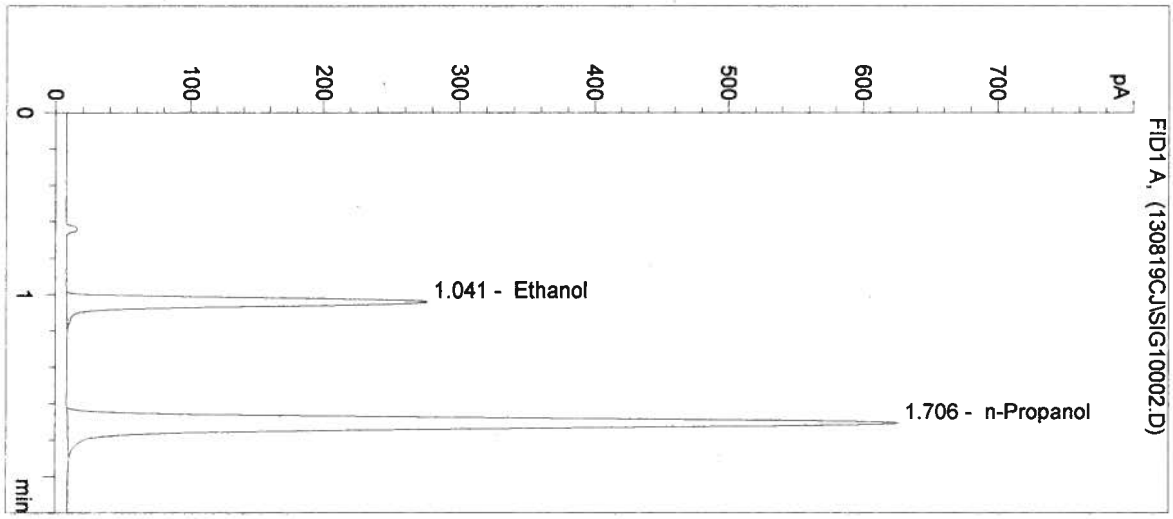
13041

13042

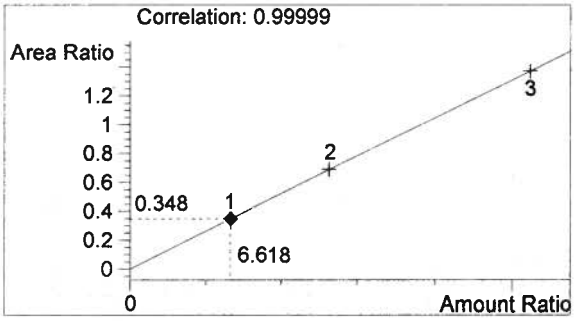
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 8:18:00 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

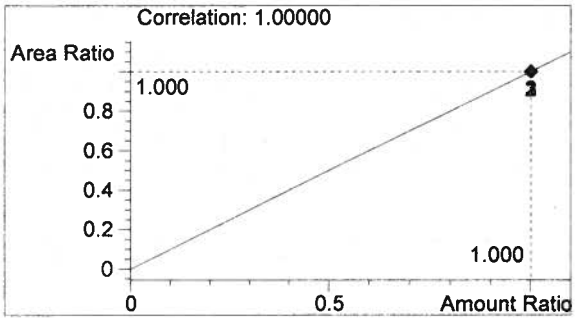
Sample Name: 0.079 CAL 1
Operator: Chris Johnston
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	856	1.041
2	n-Propanol	2461	1.706



Ethanol 0.079 g/100mL



n-Propanol 0.012 g/100mL

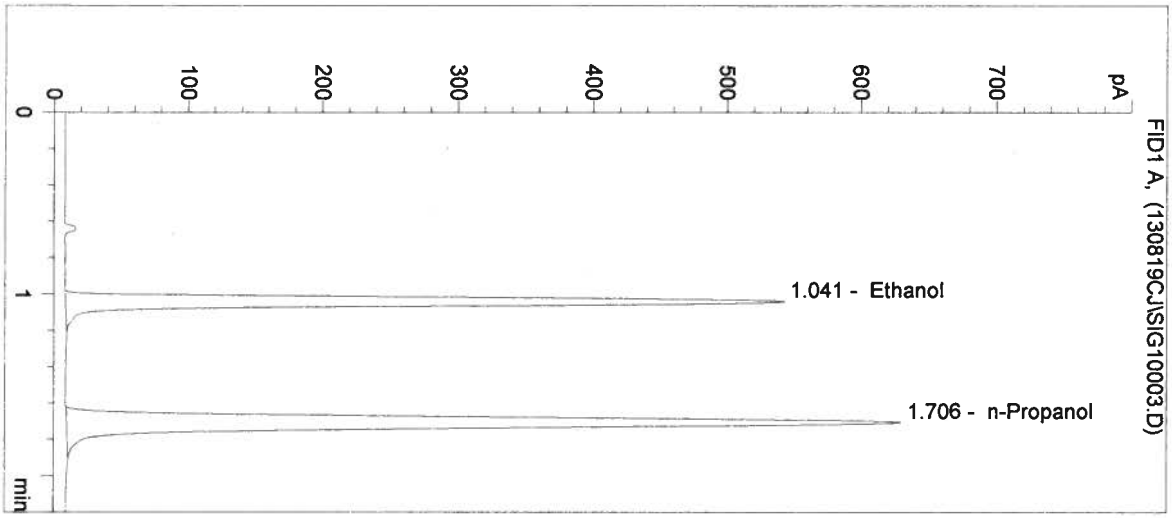
13041

13042

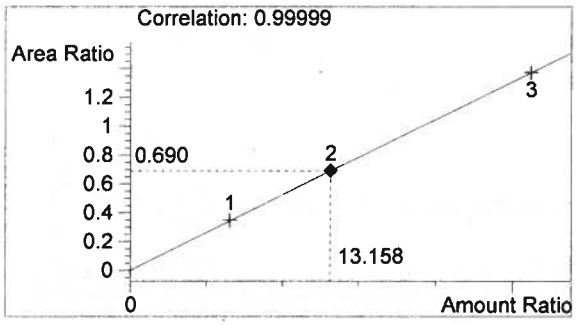
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 8:21:05 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

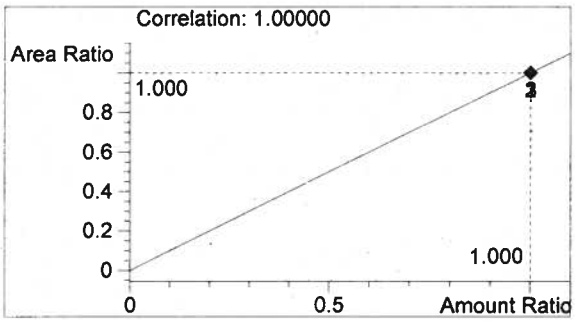
Sample Name: 0.158 CAL 2
Operator: Chris Johnston
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1708	1.041
2	n-Propanol	2477	1.706



Ethanol 0.158 g/100mL



n-Propanol 0.012 g/100mL

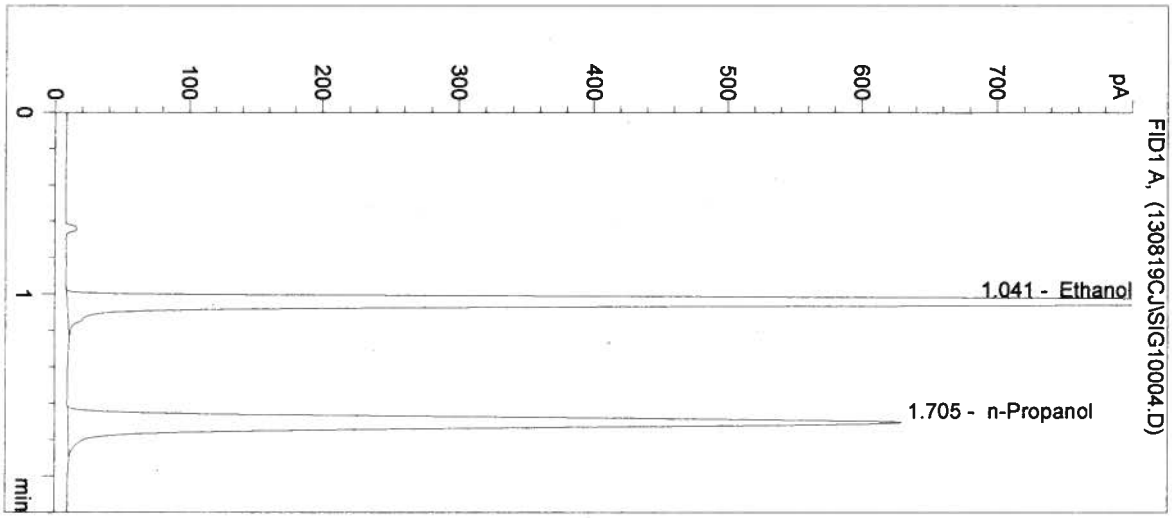
13041

13042

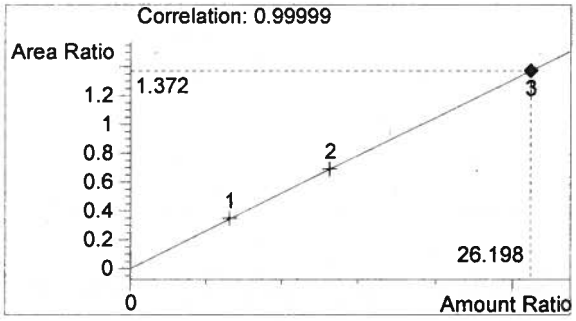
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 8:24:09 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

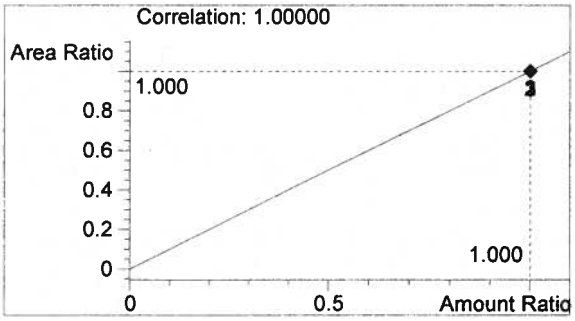
Sample Name: 0.316 CAL 3
Operator: Chris Johnston
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3395	1.041
2	n-Propanol	2476	1.705



Ethanol 0.314 g/100mL



n-Propanol 0.012 g/100mL

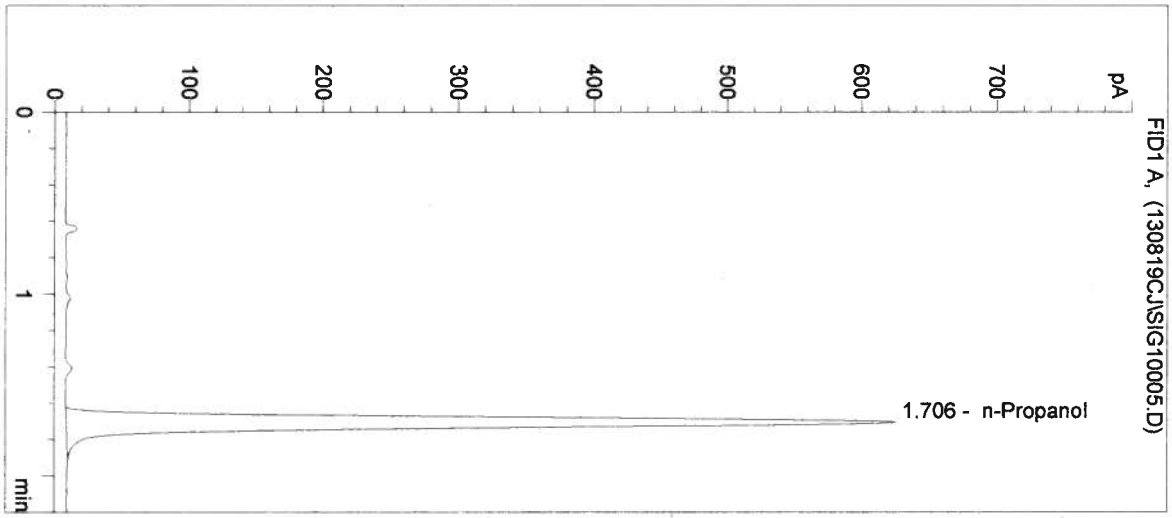
13041

13042

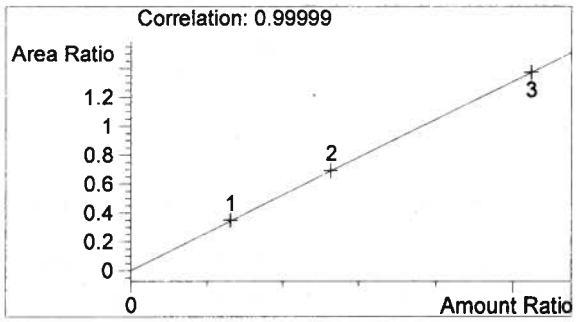
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 8:27:14 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

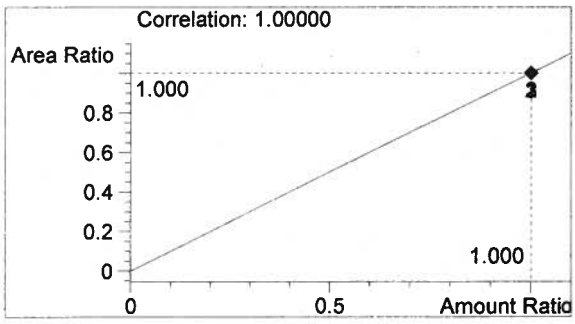
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2466	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13041

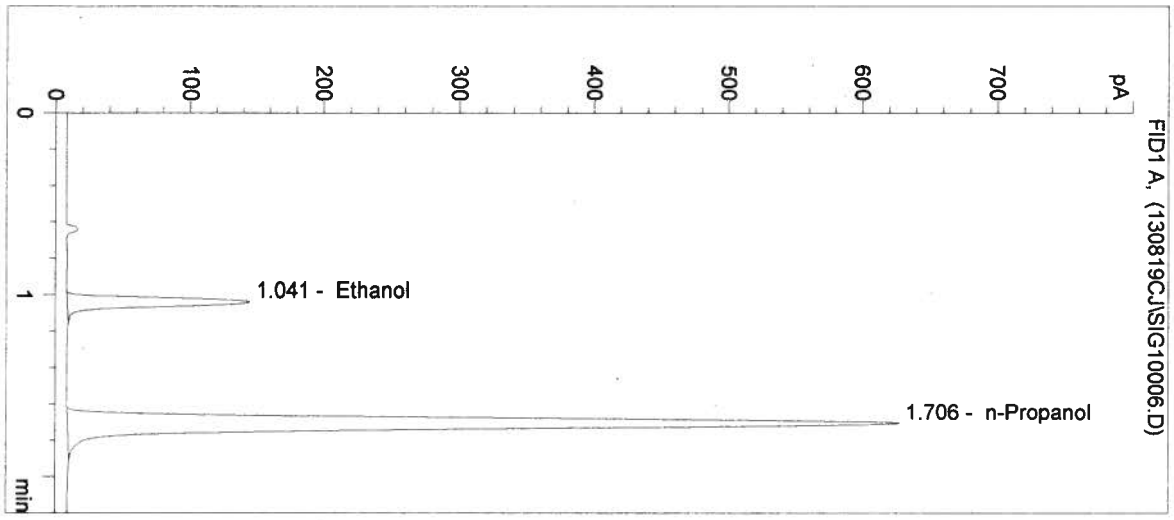
13042

CJ

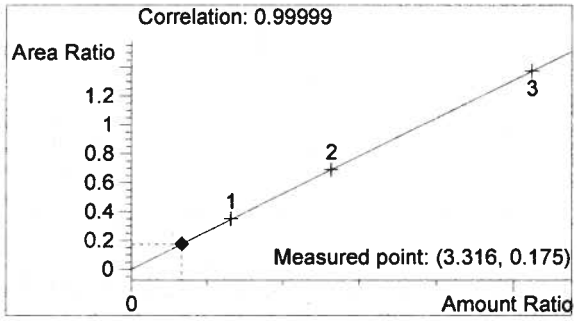
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 8:30:19 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

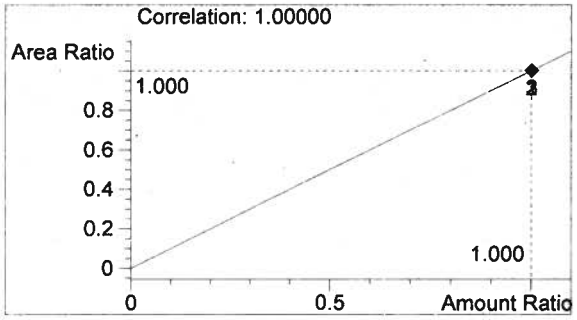
Sample Name: 0.04 CTRL-CJ
Operator: Chris Johnston
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	432	1.041
2	n-Propanol	2471	1.706



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

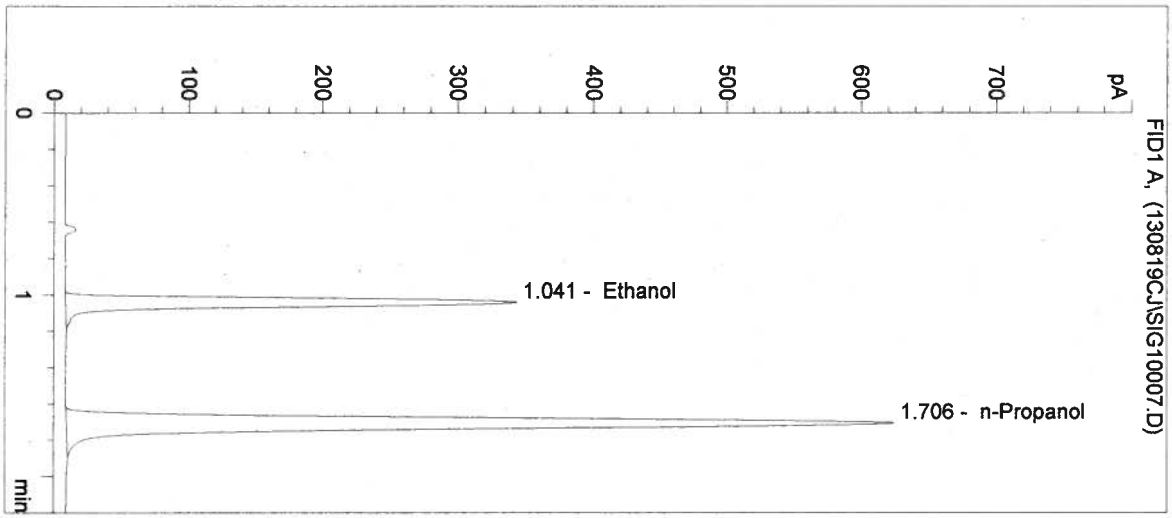
13041
13042

CJ

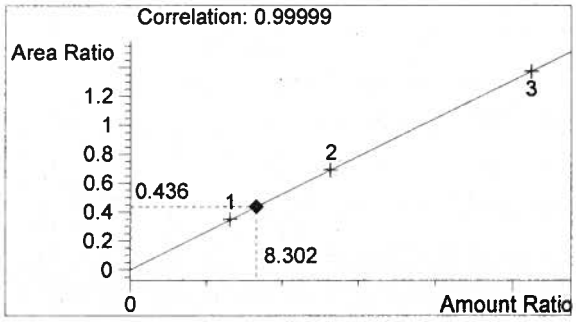
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 8:33:24 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

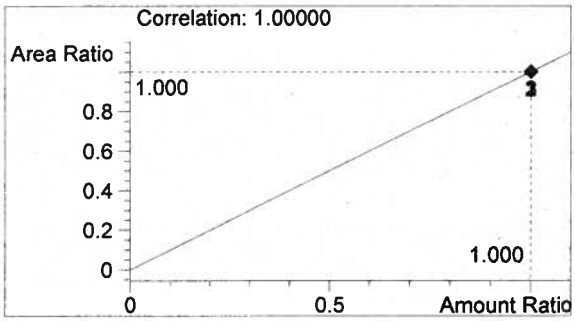
Sample Name: 0.10 CTRL-CJ
Operator: Chris Johnston
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1070	1.041
2	n-Propanol	2456	1.706



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

13041

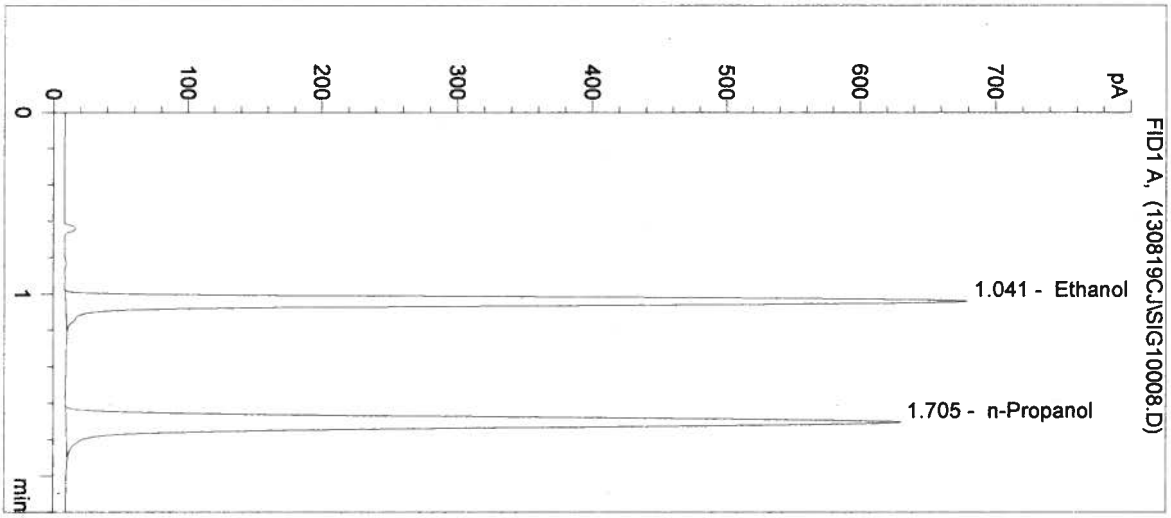
13042

CJ

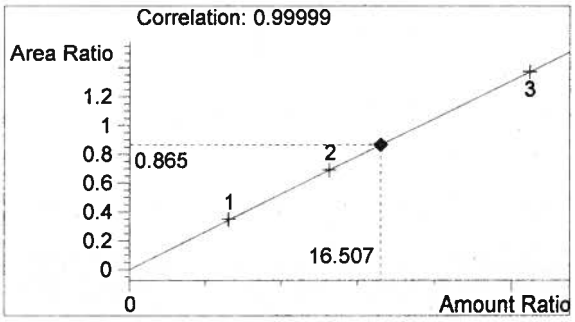
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 8:36:29 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

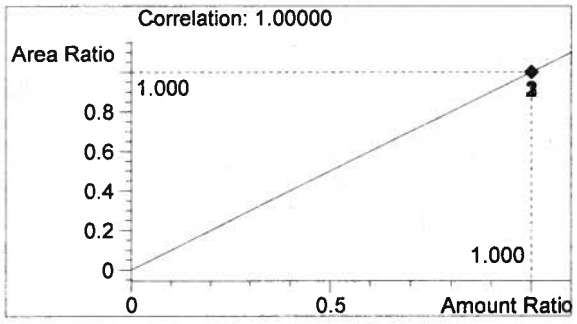
Sample Name: 0.20 CTRL-CJ
Operator: Chris Johnston
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2144	1.041
2	n-Propanol	2479	1.705



Ethanol 0.198 g/100mL



n-Propanol 0.012 g/100mL

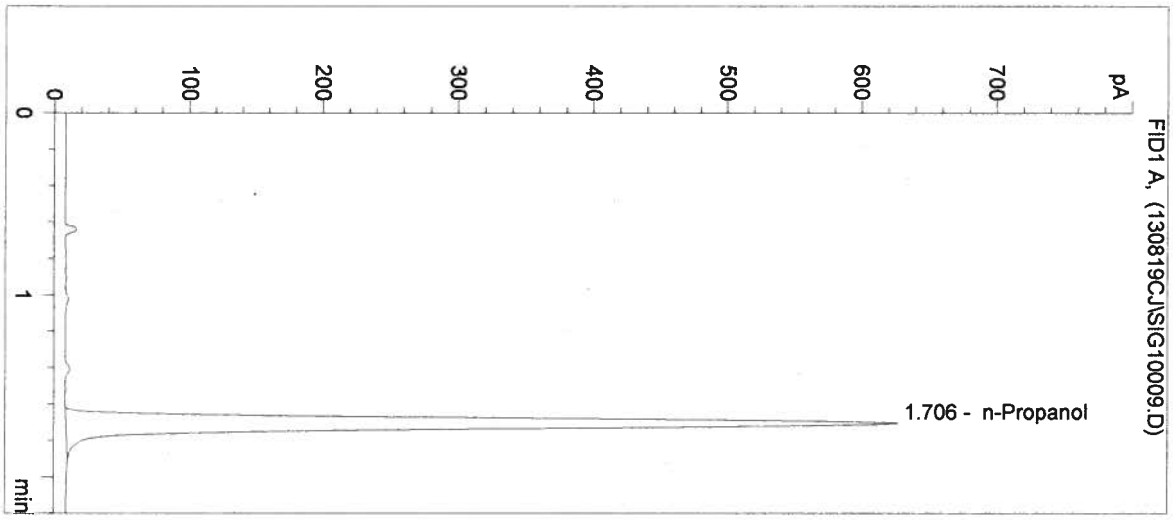
13041

13042

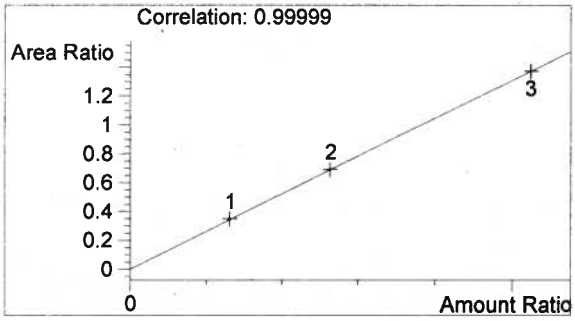
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 8:39:34 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

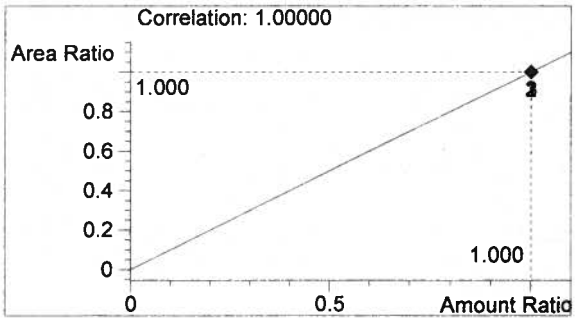
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2470	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13041

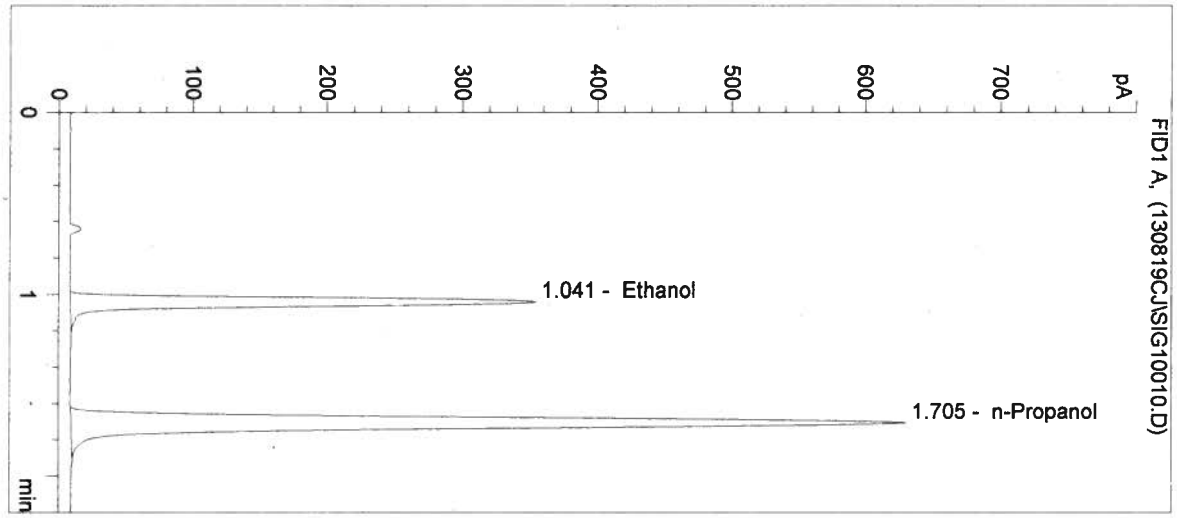
13042

W

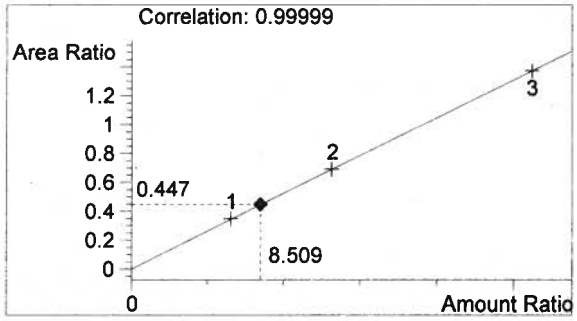
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 8:42:38 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

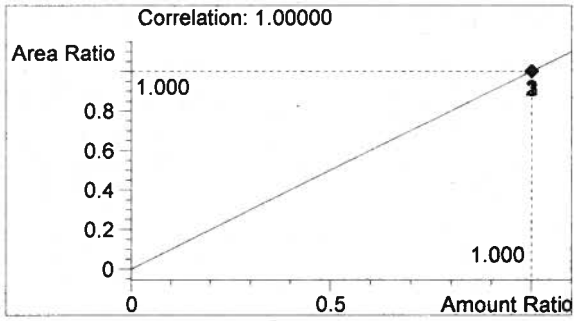
Sample Name: ESS 13041 #1
Operator: Chris Johnston
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1107	1.041
2	n-Propanol	2480	1.705



Ethanol 0.102 g/100mL



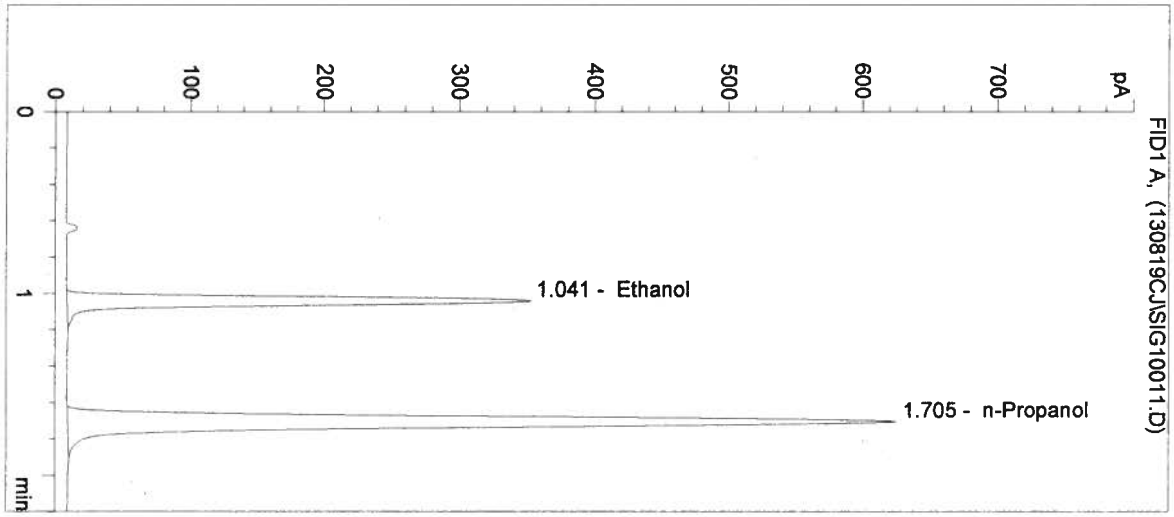
n-Propanol 0.012 g/100mL

W

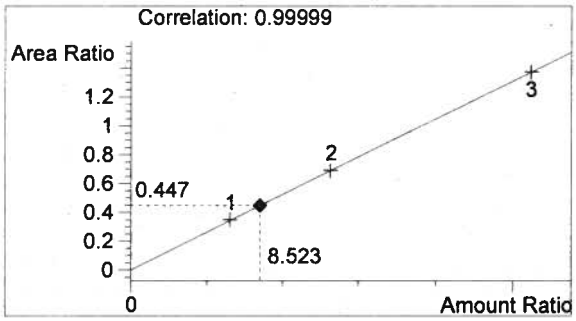
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 8:45:43 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

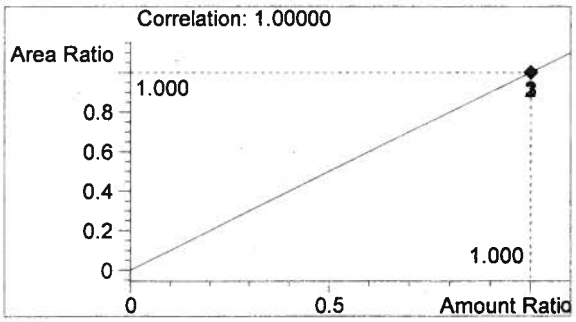
Sample Name: ESS 13041 #2
Operator: Chris Johnston
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1100	1.041
2	n-Propanol	2458	1.705



Ethanol 0.102 g/100mL

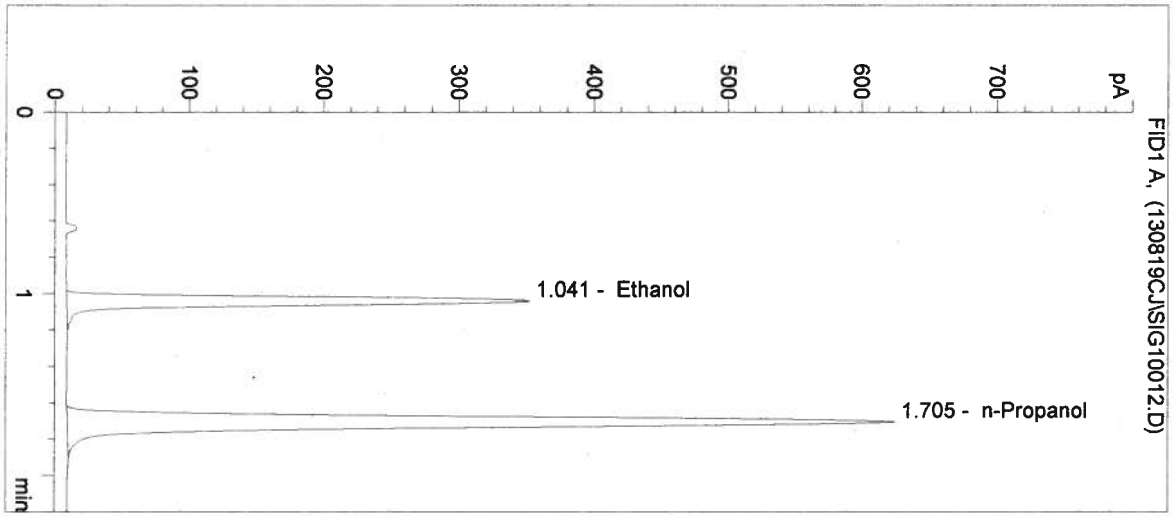


n-Propanol 0.012 g/100mL

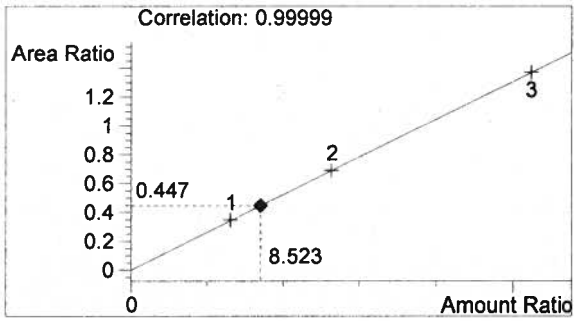
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 8:48:48 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

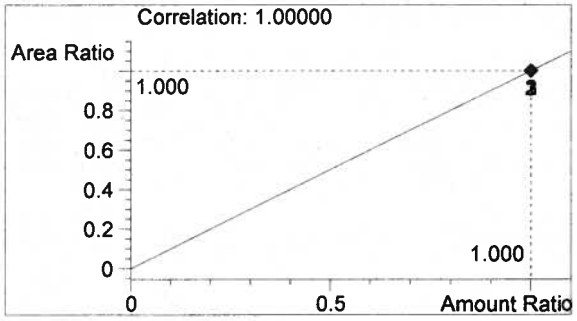
Sample Name: ESS 13041 #3
Operator: Chris Johnston
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1100	1.041
2	n-Propanol	2459	1.705



Ethanol 0.102 g/100mL

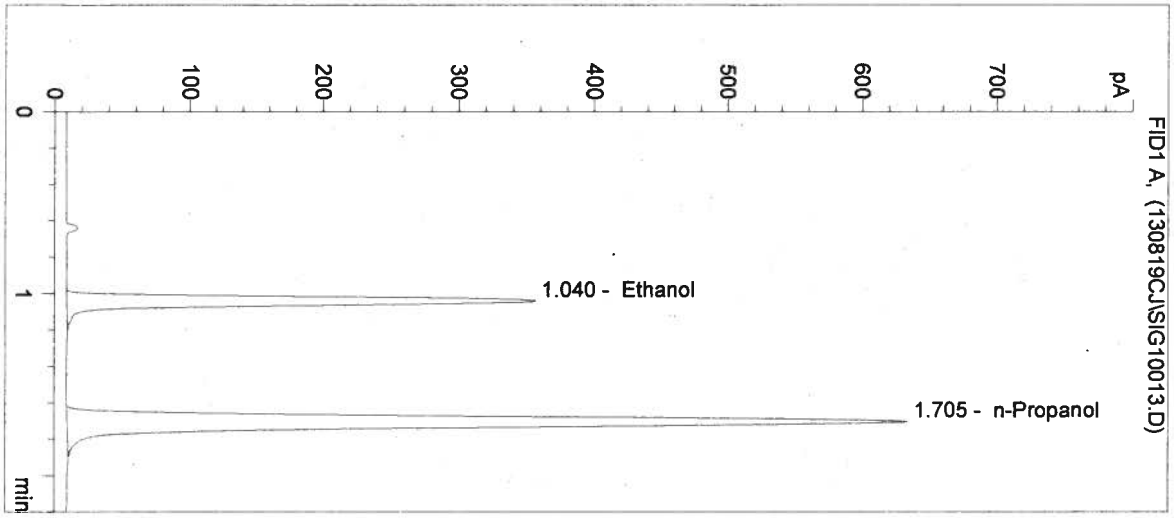


n-Propanol 0.012 g/100mL

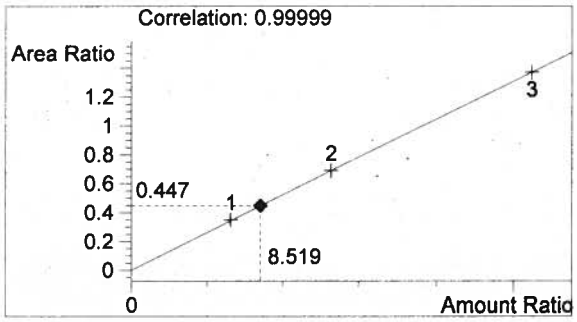
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 8:51:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

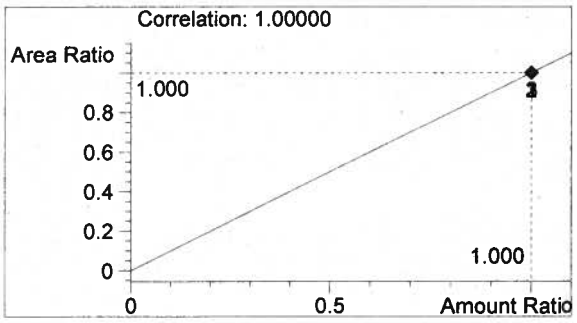
Sample Name: ESS 13041 #4
Operator: Chris Johnston
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1114	1.040
2	n-Propanol	2491	1.705



Ethanol 0.102 g/100mL

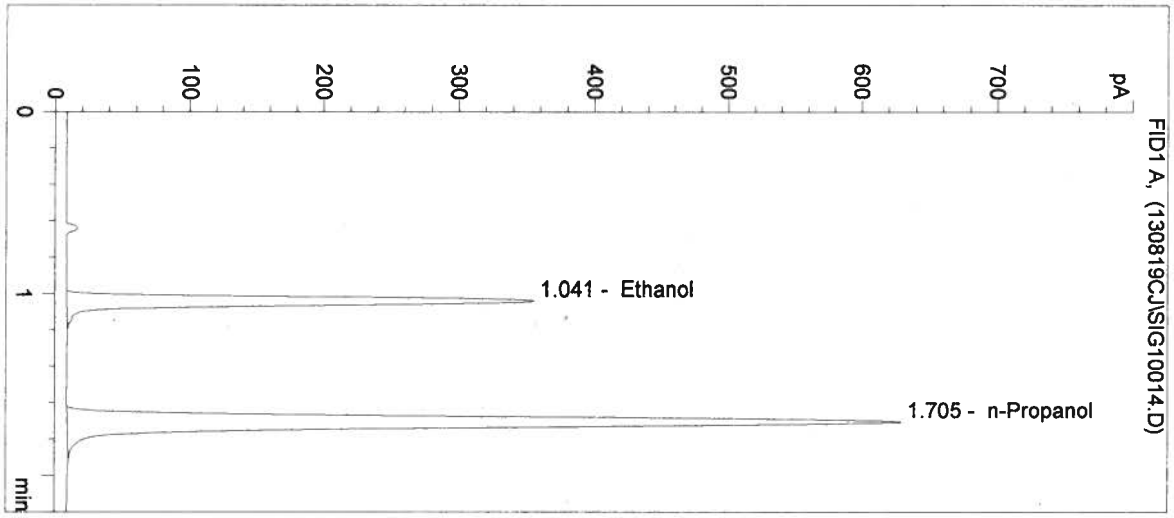


n-Propanol 0.012 g/100mL

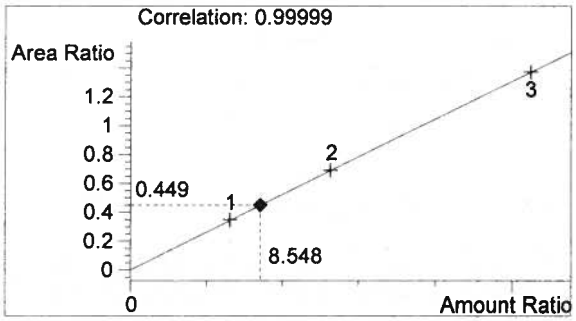
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 8:54:57 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

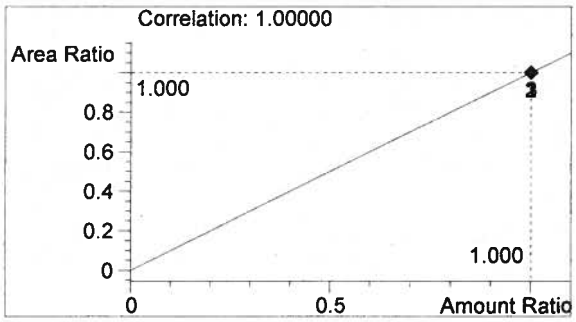
Sample Name: ESS 13041 #5
Operator: Chris Johnston
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1110	1.041
2	n-Propanol	2473	1.705



Ethanol 0.103 g/100mL



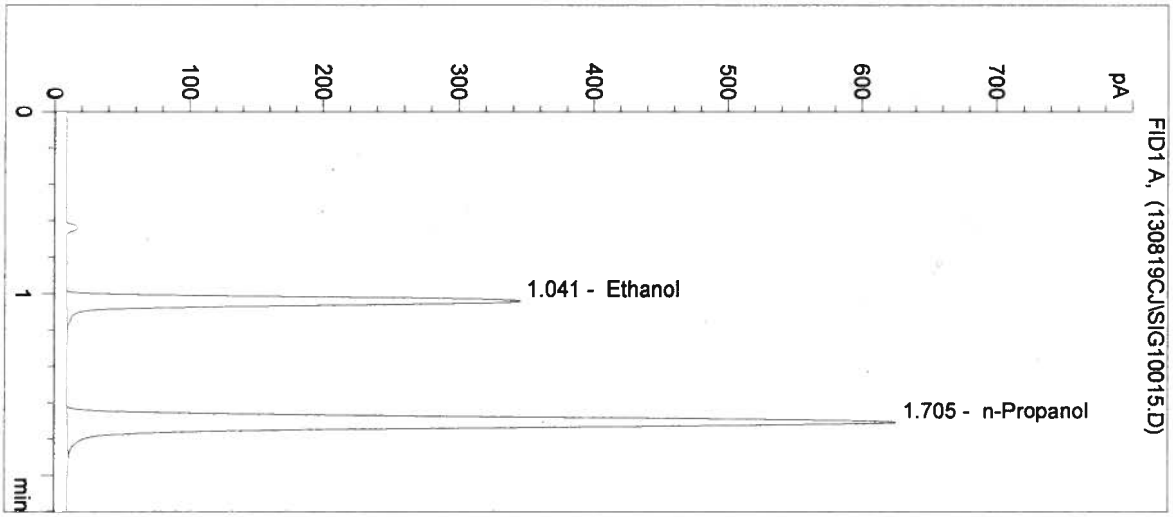
n-Propanol 0.012 g/100mL

W

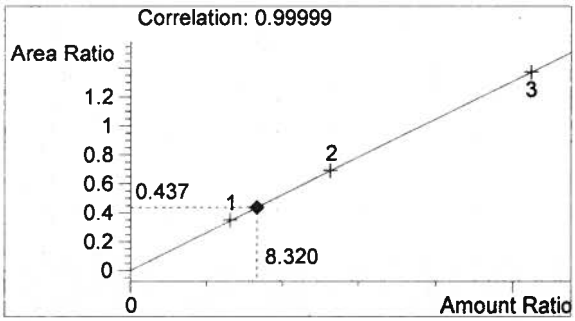
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 8:58:02 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

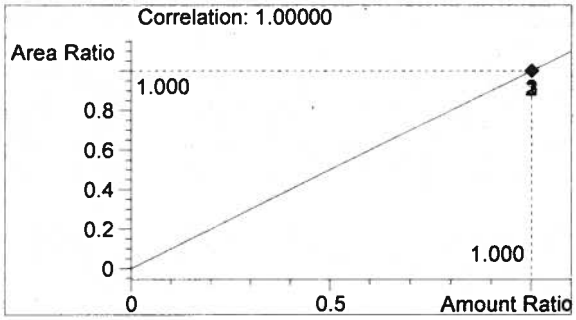
Sample Name: 0.10 CTRL-CJ
Operator: Chris Johnston
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1078	1.041
2	n-Propanol	2469	1.705



Ethanol 0.100 g/100mL



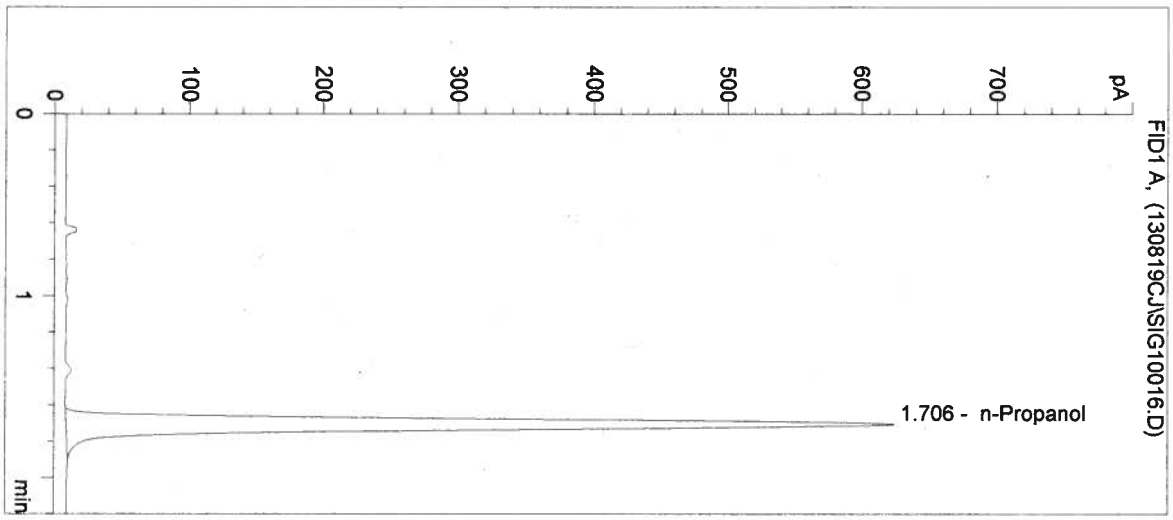
n-Propanol 0.012 g/100mL

13041

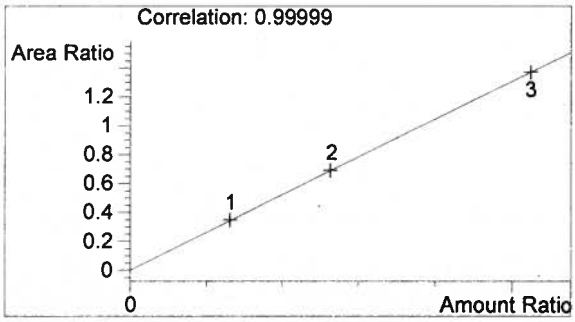
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/19/2013 9:01:07 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

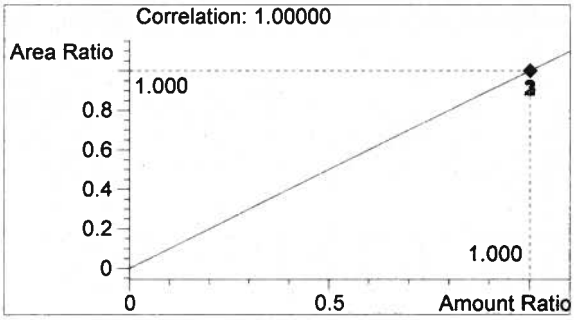
Sample Name: NEG CTRL-CJ
Operator: Chris Johnston
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2465	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13041

W

Sequence Parameters:

Operator:	Christie Mitchell-Mata
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	130822CM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1-Lot#E0713-01 Exp. 1/24/2014
Ethanol Calibrator 2-Lot#E0713-02 Exp. 1/24/2014
Ethanol Calibrator 3-Lot#E0713-03 Exp. 1/24/2014

0.04 Ethanol Control Lot#A088613 Exp 09/2016
0.10 Ethanol Control Lot#A090924 Exp 01/2017
0.20 Ethanol Control Lot#A093219 Exp 05/2017
n-propanol ISTD Lot#P0713 Exp. 10/08/2013

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	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 - CM	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - CM	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - CM	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
10	Vial 10	13041 #1	SIMALC1	1	Sample		
11	Vial 11	13041 #2	SIMALC1	1	Sample		
12	Vial 12	13041 #3	SIMALC1	1	Sample		
13	Vial 13	13041 #4	SIMALC1	1	Sample		
14	Vial 14	13041 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
17	Vial 17	13042 #1	SIMALC1	1	Sample		
18	Vial 18	13042 #2	SIMALC1	1	Sample		
19	Vial 19	13042 #3	SIMALC1	1	Sample		
20	Vial 20	13042 #4	SIMALC1	1	Sample		
21	Vial 21	13042 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		

Calibration Part:

CM

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

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

Sequence Table (Back Injector):

No entries - empty table!

13041

13042

13082211
CM

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

Calibration Table

Calib. Data Modified : Thursday, August 22, 2013 12:09:59 PM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:

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

Signal 1: FID1 A,

RetTime [min]	Sig	Lvl	Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.041	1	1	7.87500e-2	857.03735	9.18863e-5	1		Ethanol
		2	1.58140e-1	1697.61609	9.31542e-5			
		3	3.14420e-1	3365.15479	9.34340e-5			
1.706	1	1	1.20000e-2	2433.10864	4.93196e-6	I1		n-Propanol
		2	1.20000e-2	2436.48486	4.92513e-6			
		3	1.20000e-2	2434.09863	4.92996e-6			

Peak Sum Table

No Entries in table

13041

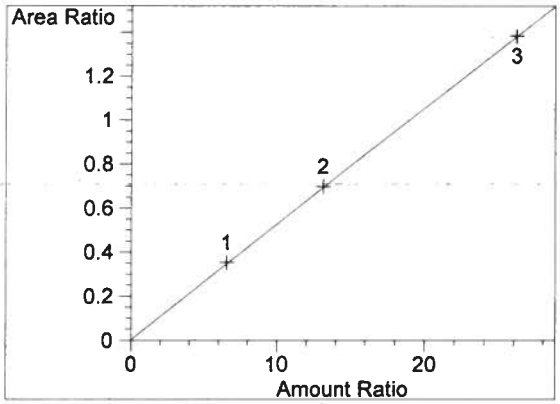
13042

130822cu
CM

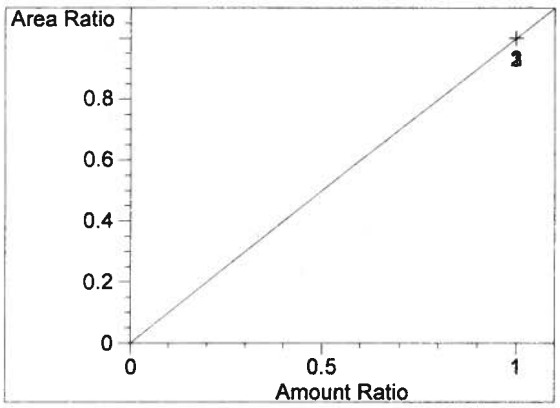
==========

Calibration Curves

==========



Ethanol at exp. RT: 1.041
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00333
Formula: y = mx + b
m: 5.26920e-2
b: 2.67232e-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

==========

13041

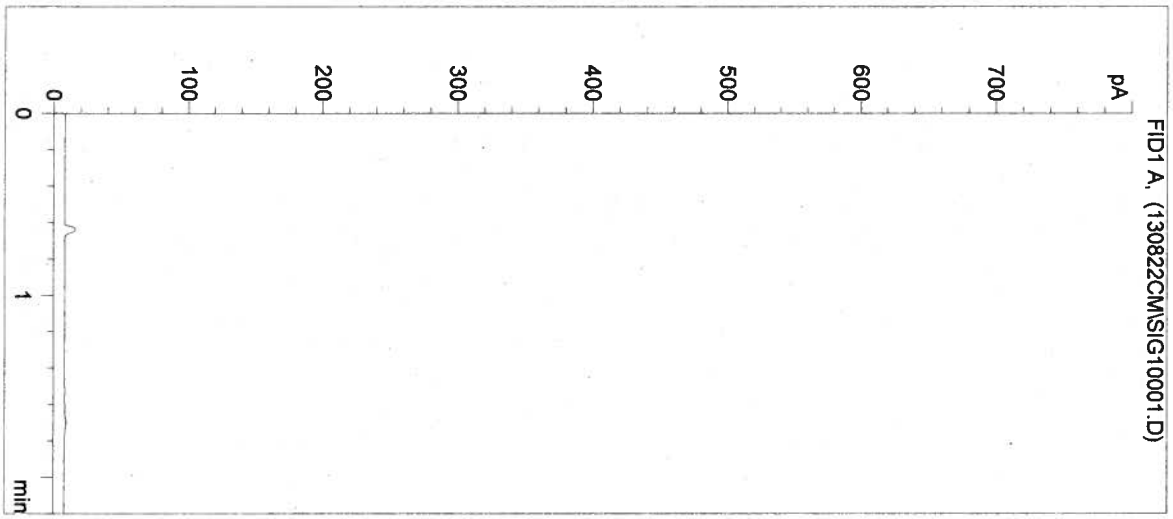
13042

130822cu
CM

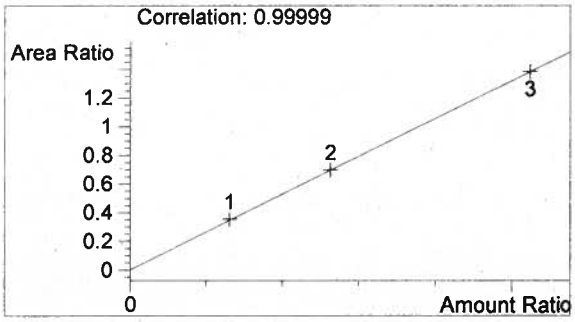
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/22/2013 11:58:32 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

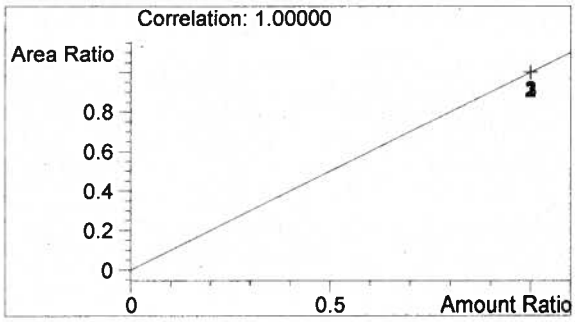
Sample Name: BLANK
Operator: Christie Mitchell-Mata
Location: Vial 1



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



Ethanol 0.000 g/100mL



n-Propanol 0.000 g/100mL

13041

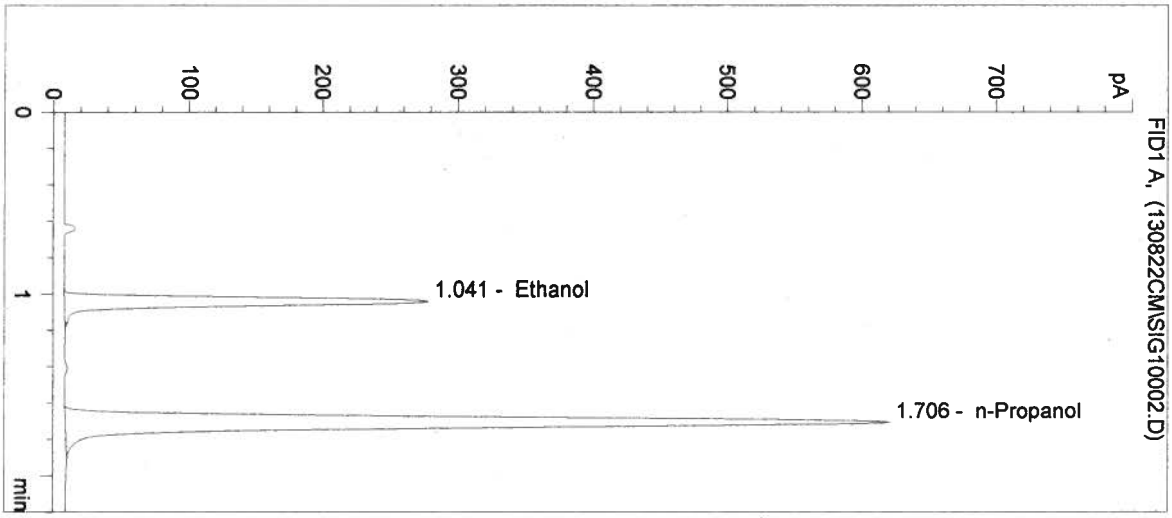
13042

Data File: C:\HPCHEM\1\DATA\130822CM\SIG10001.D

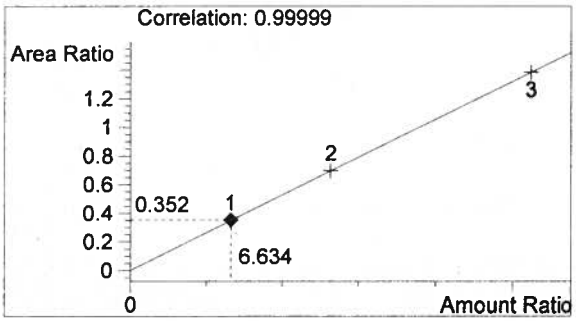
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/22/2013 12:01:37 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

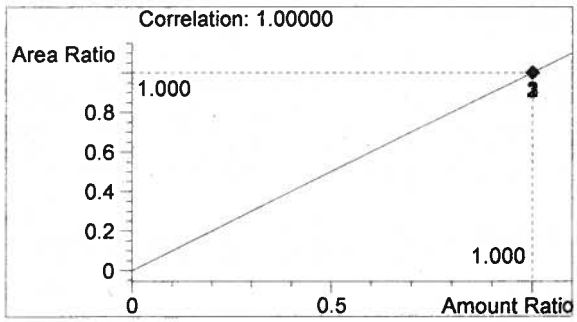
Sample Name: CAL 1 (0.079)
Operator: Christie Mitchell-Mata
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	857	1.041
2	n-Propanol	2433	1.706



Ethanol 0.080 g/100mL



n-Propanol 0.012 g/100mL

13041

13042

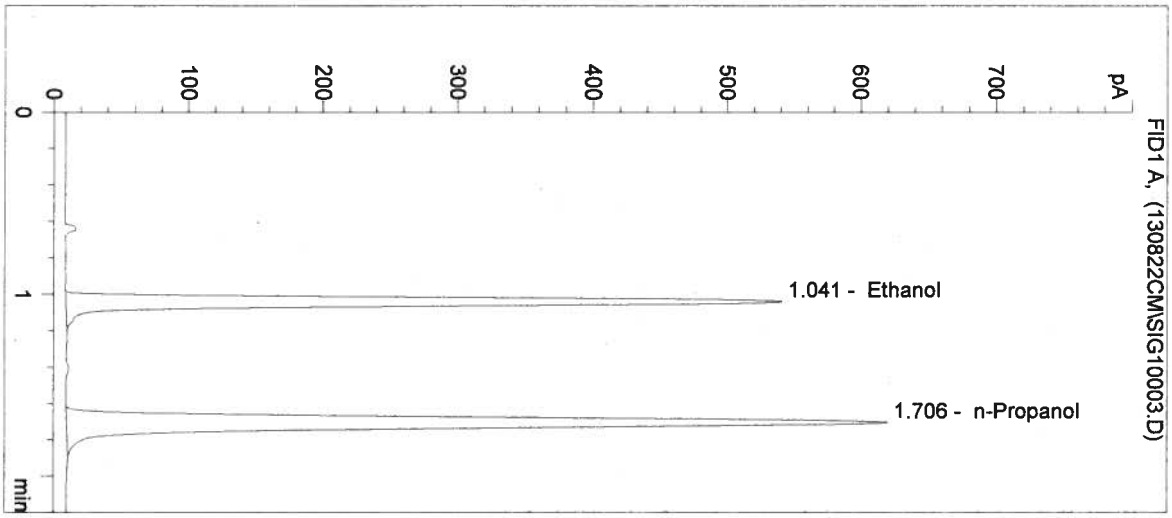
Data File: C:\HPCHEM\1\DATA\130822CM\SIG10002.D

CM

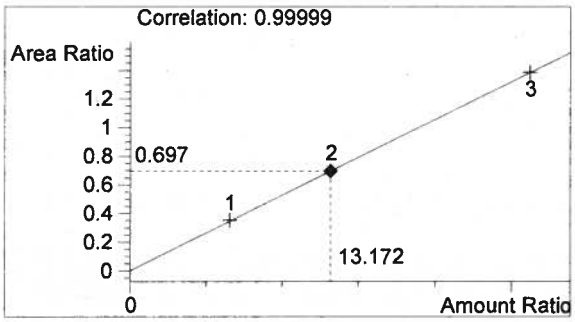
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/22/2013 12:04:41 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

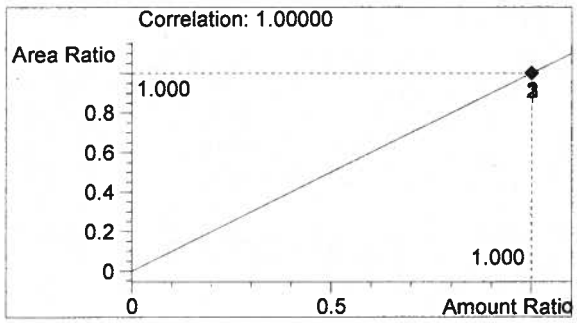
Sample Name: CAL 2 (0.158)
Operator: Christie Mitchell-Mata
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	1698	1.041
2	n-Propanol	2436	1.706



Ethanol 0.158 g/100mL



n-Propanol 0.012 g/100mL

13041

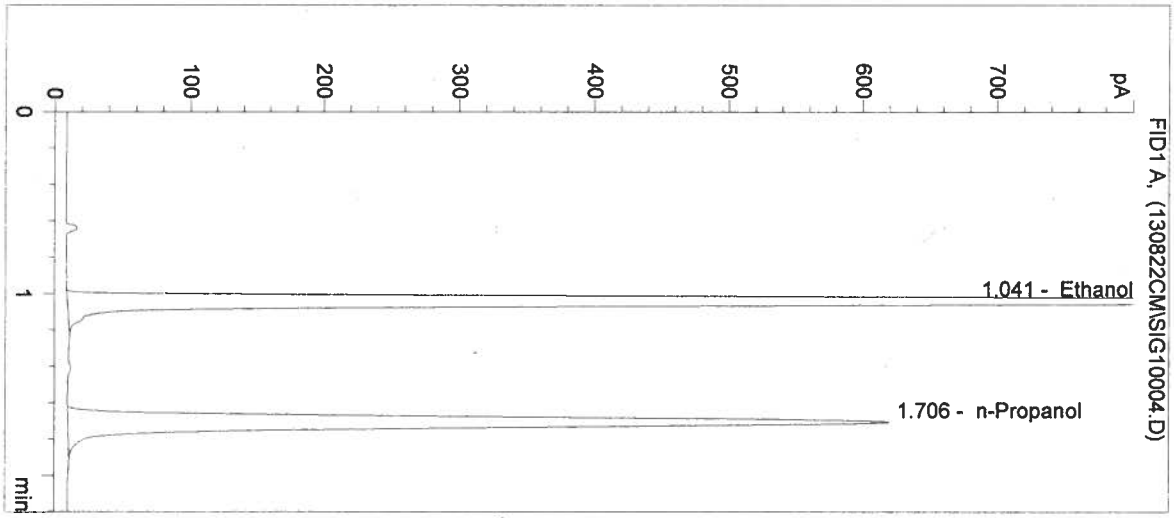
13042

Data File: C:\HPCHEM\1\DATA\130822CM\SIG10003.D

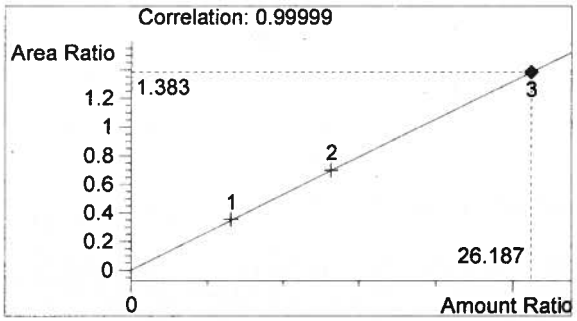
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/22/2013 12:07:46 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

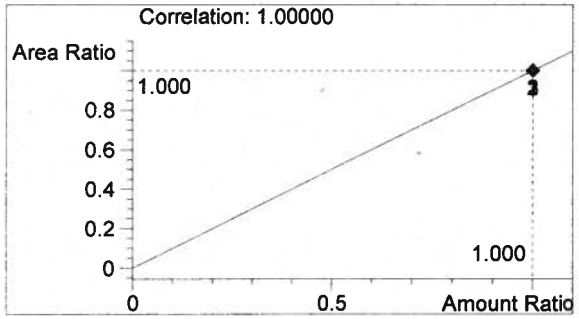
Sample Name: CAL 3 (0.316)
Operator: Christie Mitchell-Mata
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	3365	1.041
2	n-Propanol	2434	1.706



Ethanol 0.314 g/100mL



n-Propanol 0.012 g/100mL

13041

13042

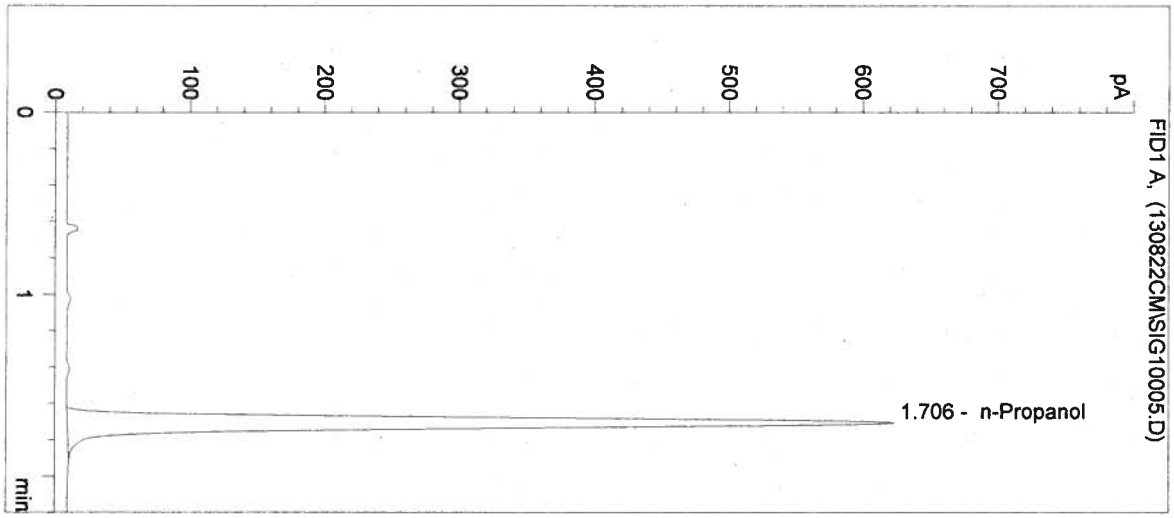
Data File: C:\HPCHEM\1\DATA\130822CM\SIG10004.D

CM

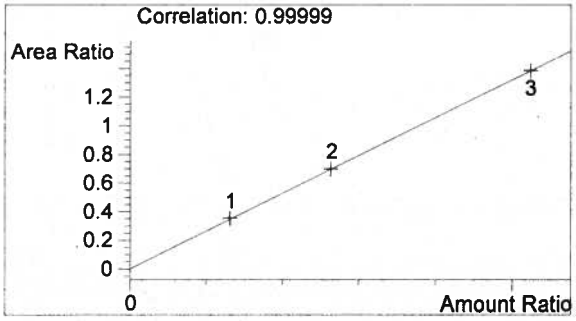
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/22/2013 12:10:51 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

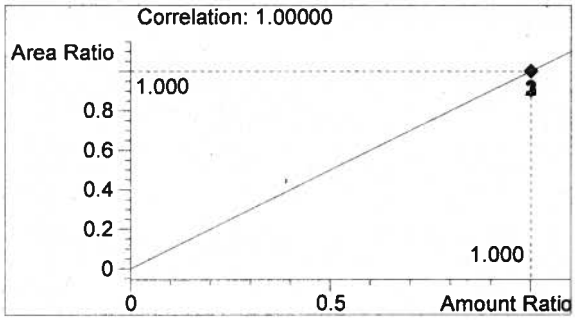
Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2449	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13041

13042

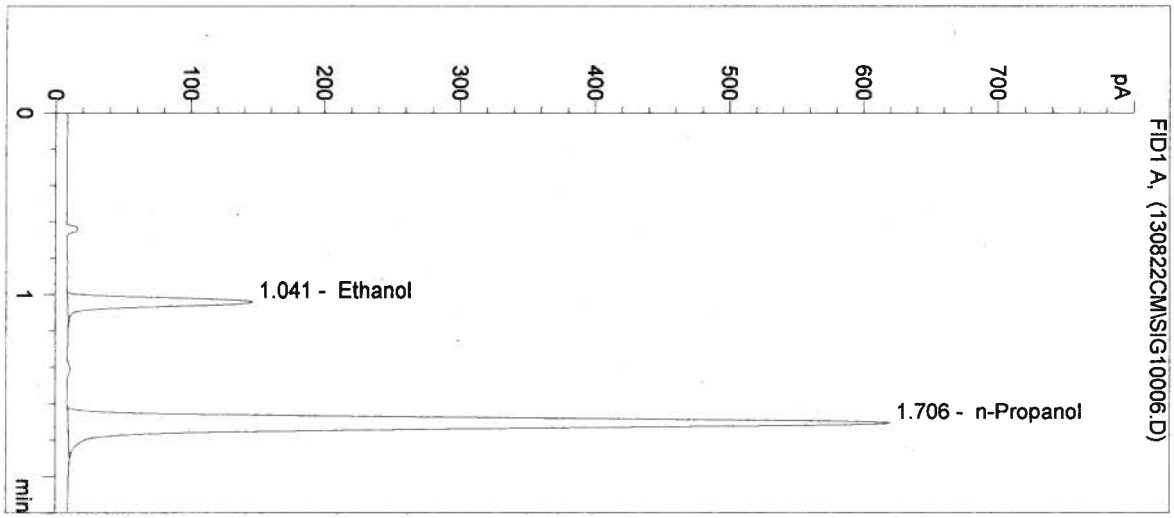
Data File: C:\HPCHEM\1\DATA\130822CM\SIG10005.D

CM

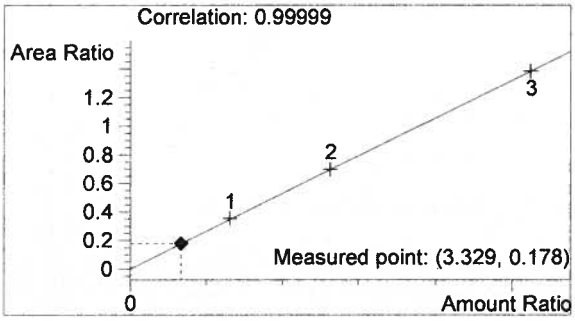
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/22/2013 12:13:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

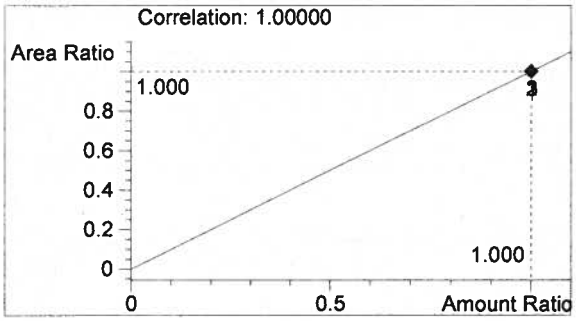
Sample Name: 0.04 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	433	1.041
2	n-Propanol	2434	1.706



Ethanol 0.040 g/100mL



n-Propanol 0.012 g/100mL

13041

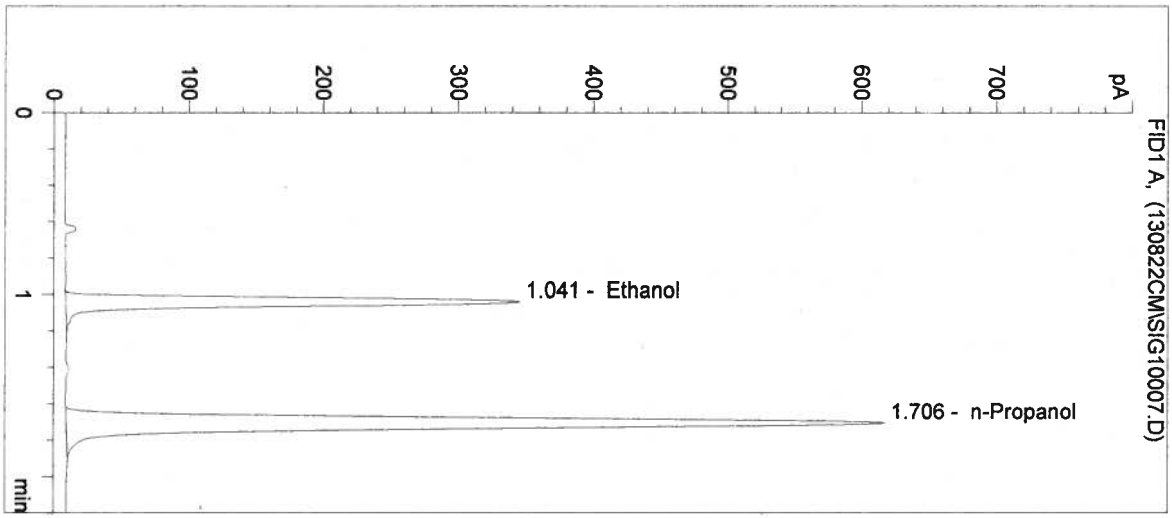
13042

Data File: C:\HPCHEM\1\DATA\130822CM\SIG10006.D

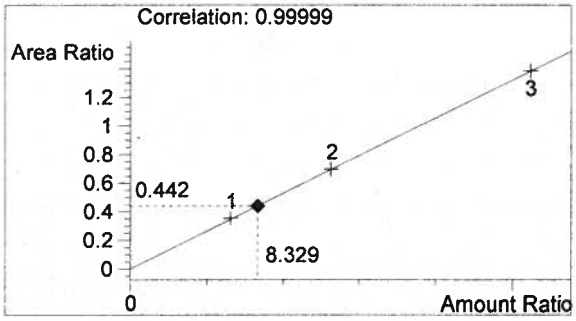
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/22/2013 12:17:00 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

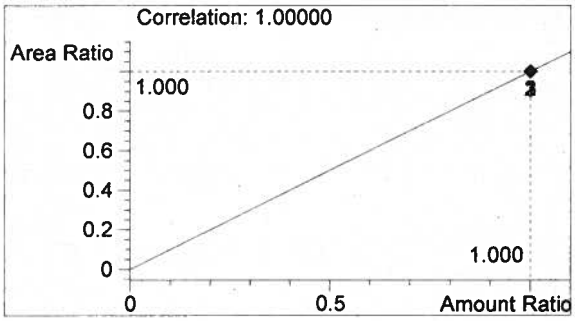
Sample Name: 0.10 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1072	1.041
2	n-Propanol	2428	1.706



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

13041

13042

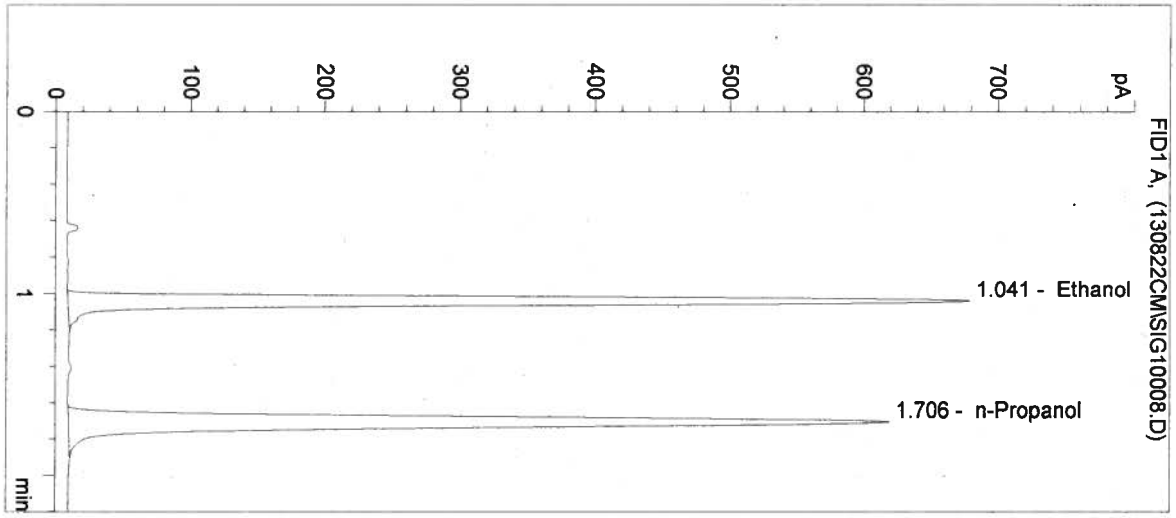
Data File: C:\HPCHEM\1\DATA\130822CM\SIG10007.D

cm

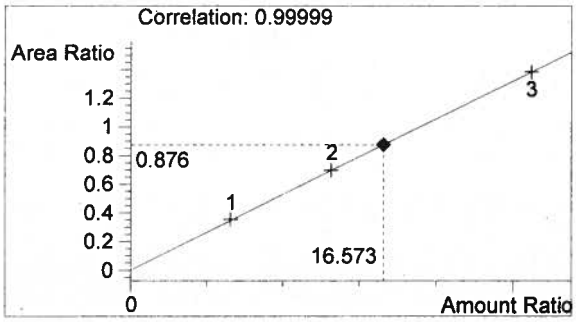
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/22/2013 12:20:05 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

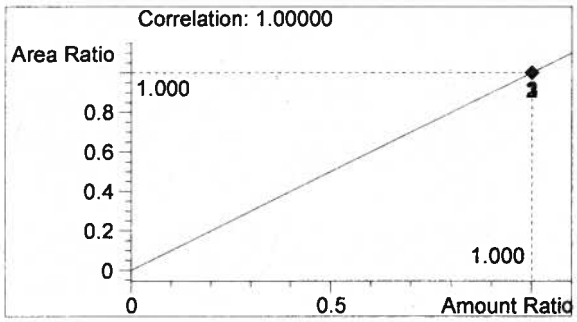
Sample Name: 0.20 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2130	1.041
2	n-Propanol	2432	1.706



Ethanol 0.199 g/100mL



n-Propanol 0.012 g/100mL

13041

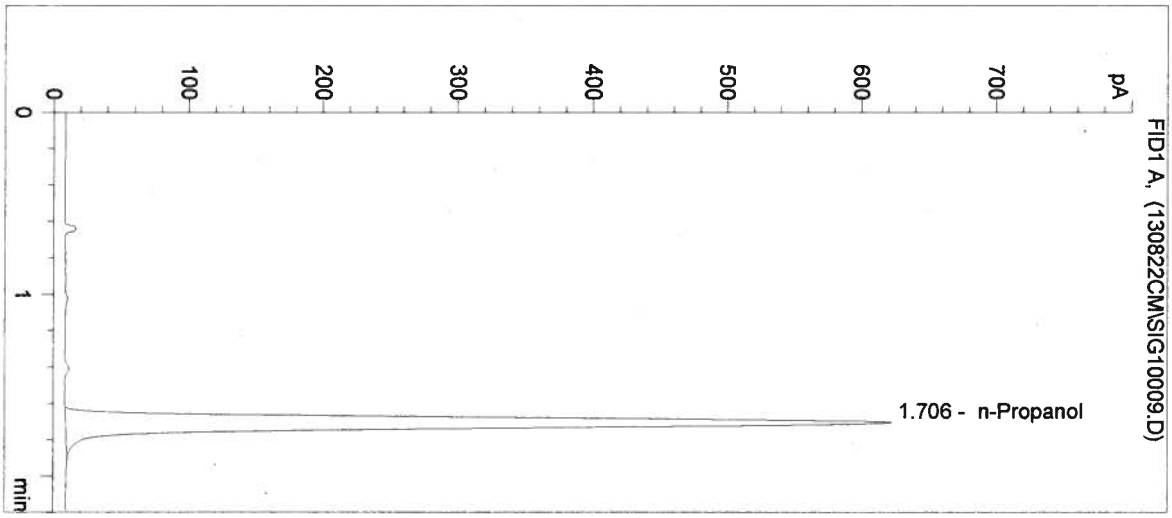
13042

Data File: C:\HPCHEM\1\DATA\130822CM\SIG10008.D

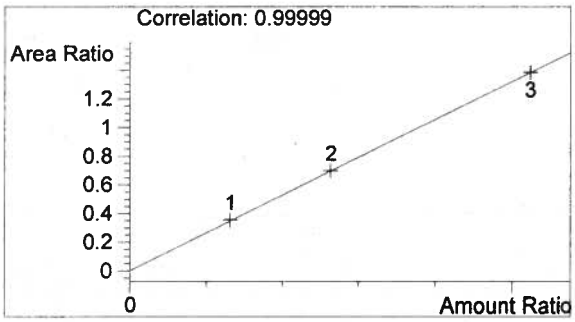
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/22/2013 12:23:10 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

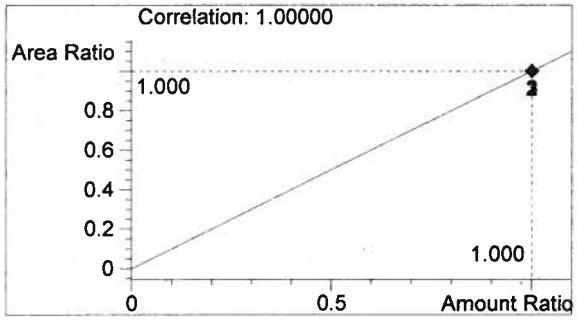
Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2444	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13041

13042

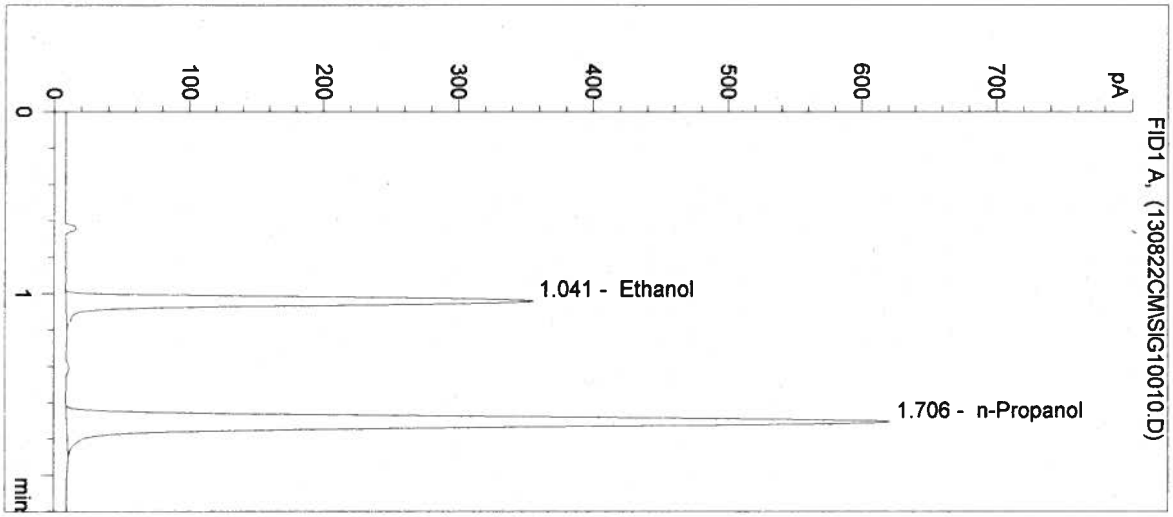
Data File: C:\HPCHEM\1\DATA\130822CM\SIG10009.D

CM

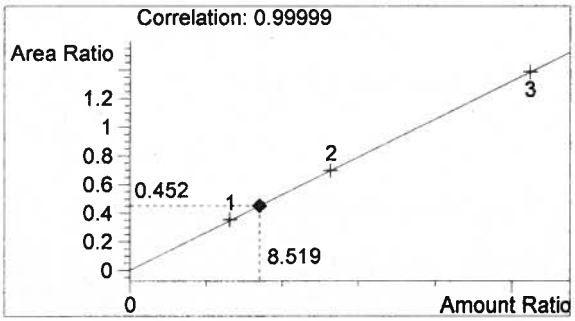
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/22/2013 12:26:15 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

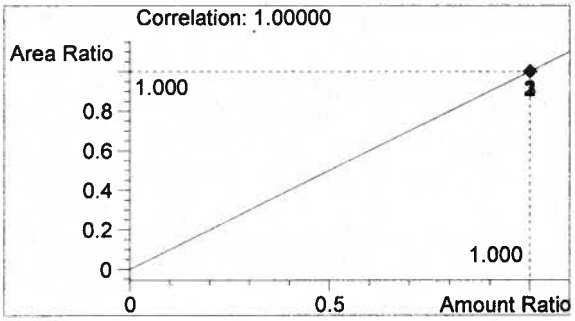
Sample Name: 13041 #1
Operator: Christie Mitchell-Mata
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1104	1.041
2	n-Propanol	2444	1.706



Ethanol 0.102 g/100mL



n-Propanol 0.012 g/100mL

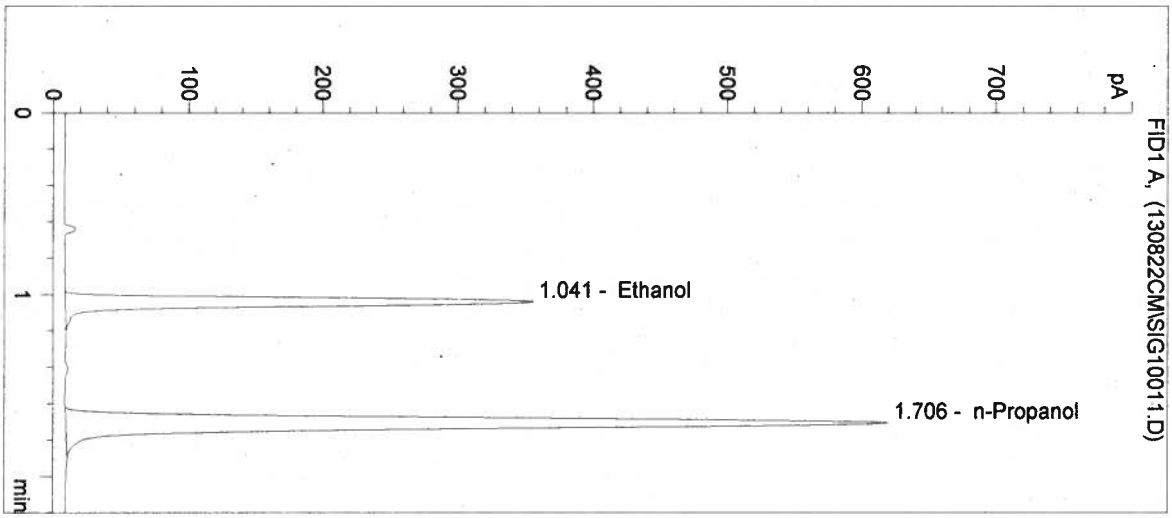
---

cm

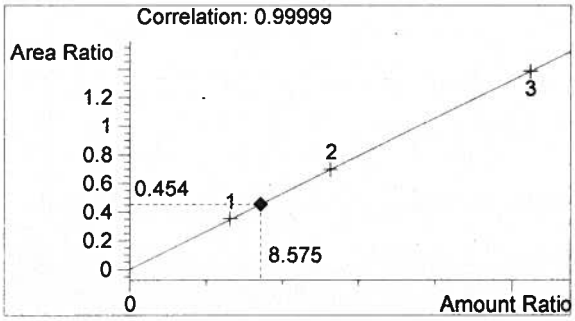
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/22/2013 12:29:19 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

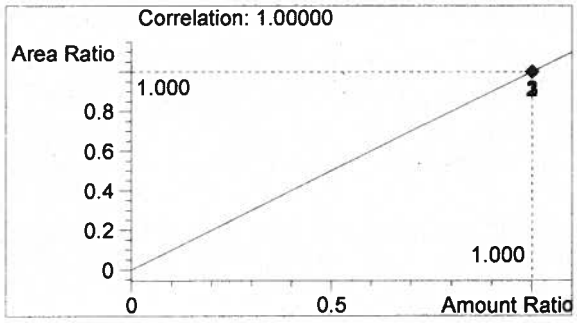
Sample Name: 13041 #2
Operator: Christie Mitchell-Mata
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1106	1.041
2	n-Propanol	2434	1.706



Ethanol 0.103 g/100mL



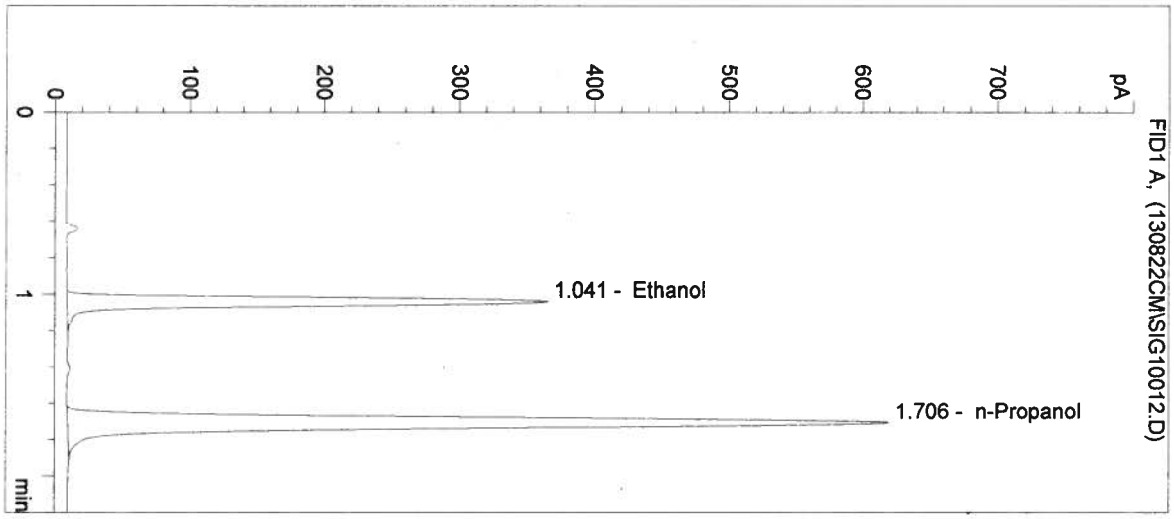
n-Propanol 0.012 g/100mL

CM

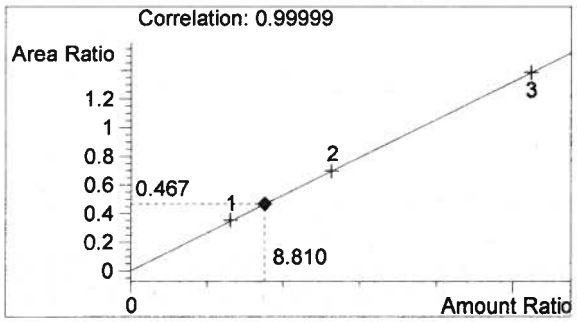
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/22/2013 12:32:24 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

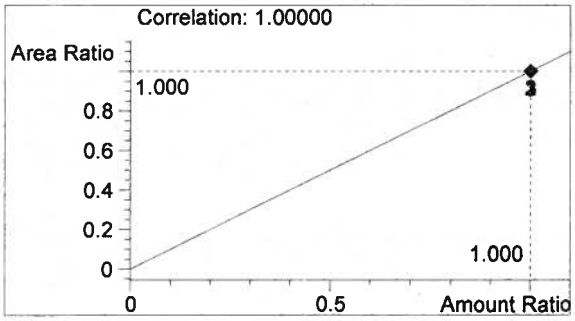
Sample Name: 13041 #3
Operator: Christie Mitchell-Mata
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1139	1.041
2	n-Propanol	2439	1.706



Ethanol 0.106 g/100mL

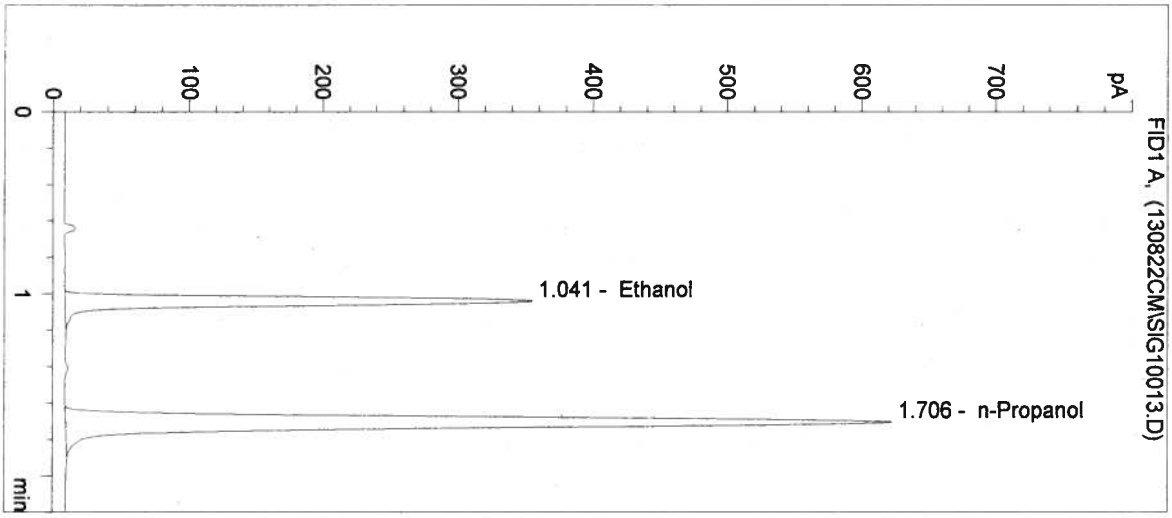


n-Propanol 0.012 g/100mL

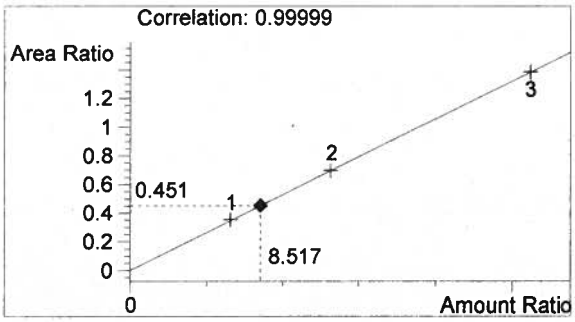
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/22/2013 12:35:29 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

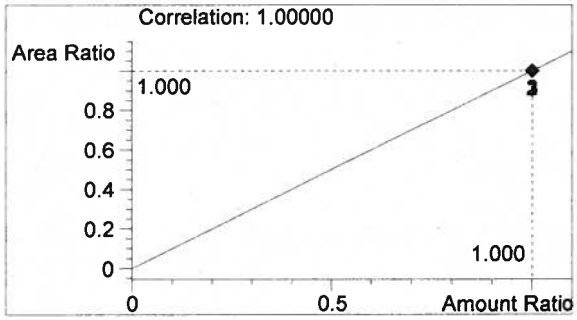
Sample Name: 13041 #4
Operator: Christie Mitchell-Mata
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1106	1.041
2	n-Propanol	2449	1.706



Ethanol 0.102 g/100mL



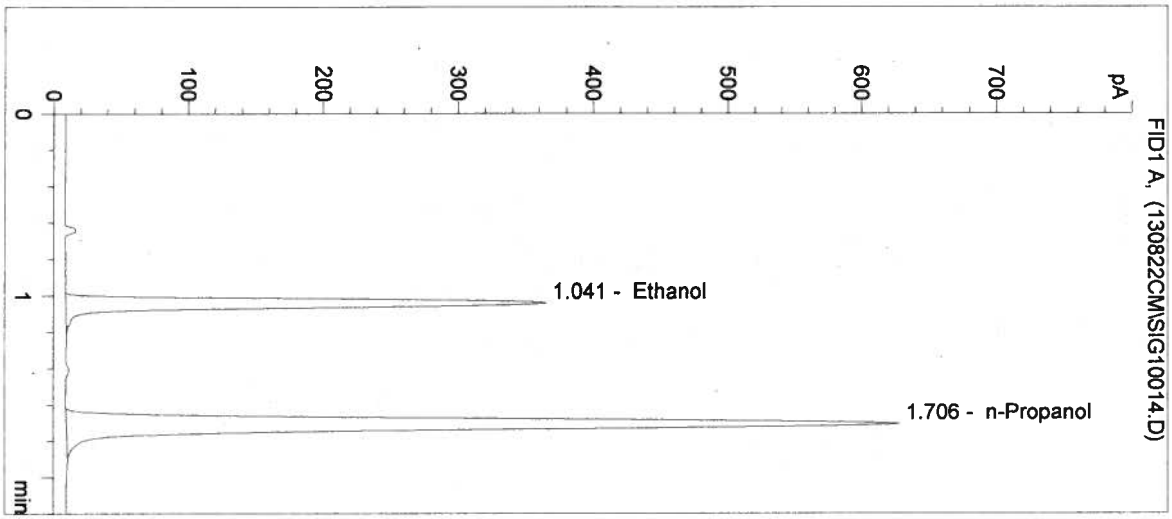
n-Propanol 0.012 g/100mL

CM

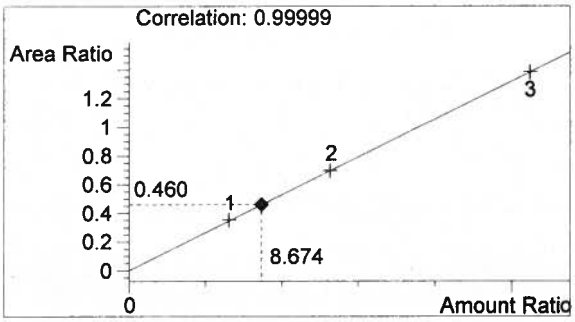
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/22/2013 12:38:34 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

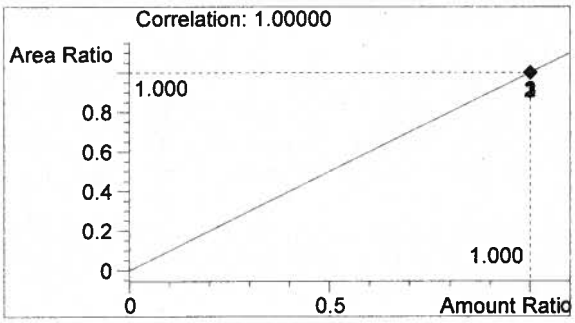
Sample Name: 13041 #5
Operator: Christie Mitchell-Mata
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1137	1.041
2	n-Propanol	2473	1.706



Ethanol 0.104 g/100mL



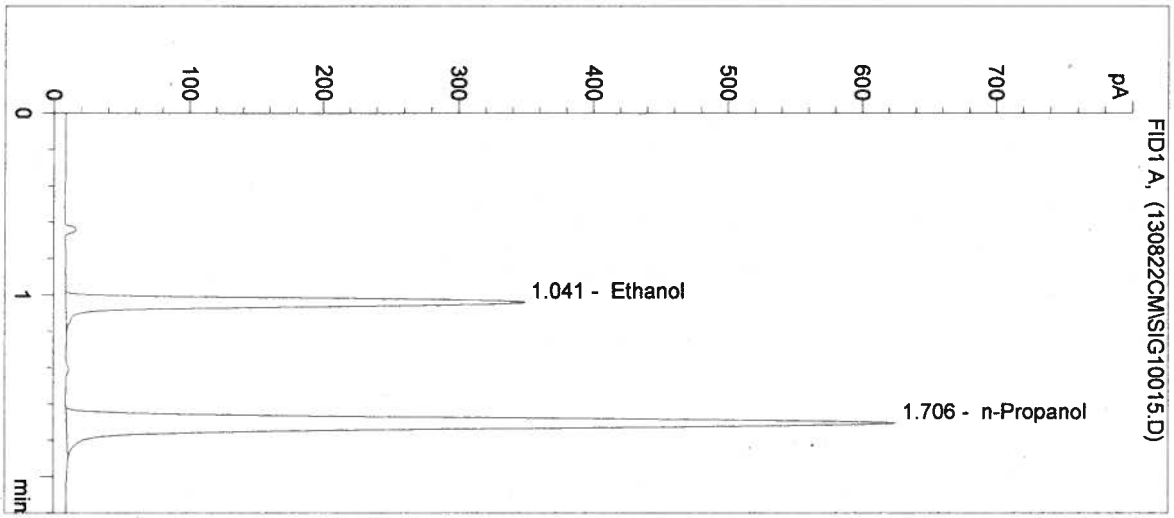
n-Propanol 0.012 g/100mL

CM

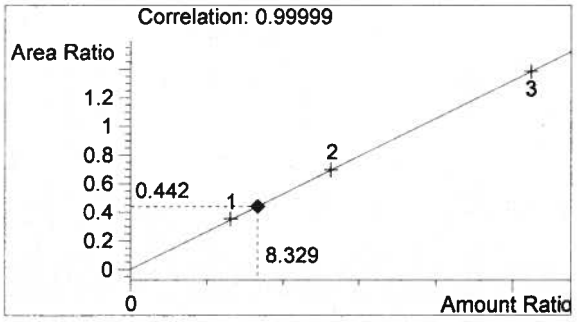
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/22/2013 12:41:38 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

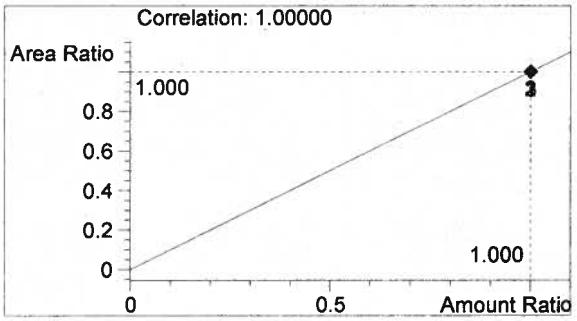
Sample Name: 0.10 CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1084	1.041
2	n-Propanol	2455	1.706



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

13041

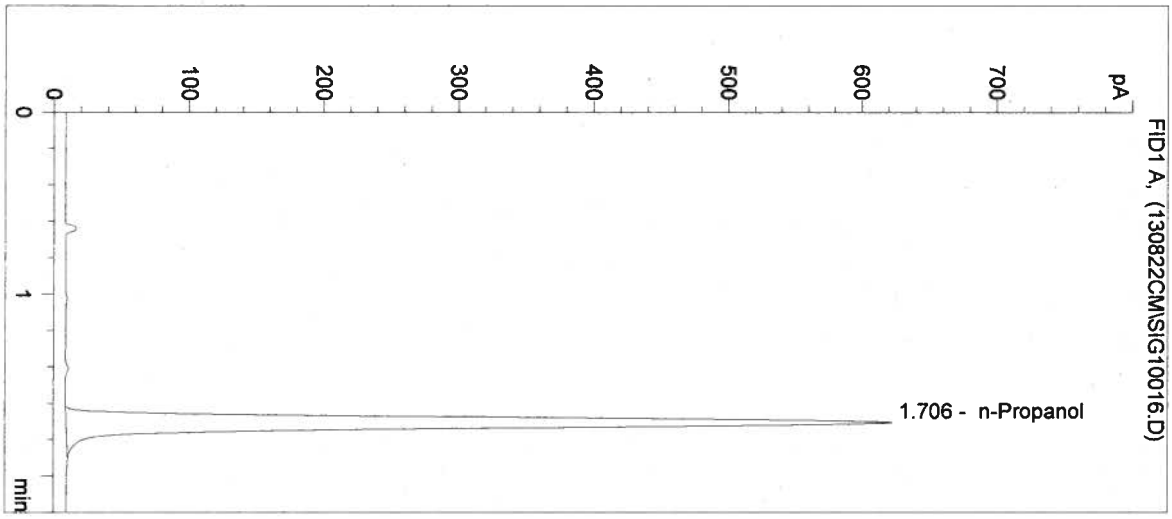
Data File: C:\HPCHEM\1\DATA\130822CM\SIG10015.D

CM

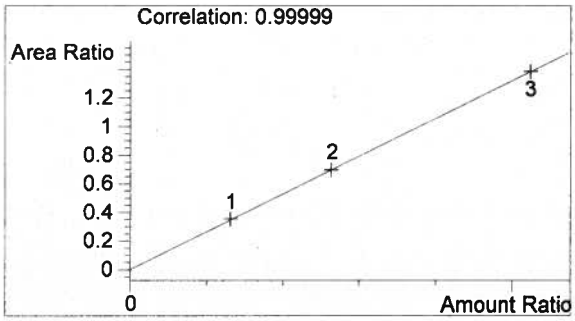
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 8/22/2013 12:44:43 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

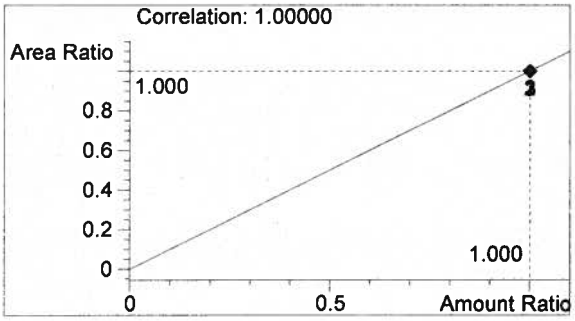
Sample Name: NEG CTRL - CM
Operator: Christie Mitchell-Mata
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2449	1.706



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

13041

Data File: C:\HPCHEM\1\DATA\130822CM\SIG10016.D

CM