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

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

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 17059

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: 09/12/2017
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Justin L. Knoy

	JLK	KH	RF	EW	LK	AJL	CSJ	AG
1	0.103	0.102	0.102	0.103	0.102	0.098	0.102	0.102
2	0.102	0.103	0.103	0.103	0.102	0.099	0.103	0.102
3	0.102	0.103	0.103	0.104	0.102	0.100	0.103	0.103
4	0.102	0.103	0.103	0.103	0.102	0.100	0.102	0.102
5	0.102	0.102	0.103	0.103	0.102	0.100	0.103	0.102
C	0.102	0.102	0.102	0.102	0.102	0.098	0.103	0.102

ETHANOL CONTROL INFORMATION
LOT NUMBER: FN08051301 EXPIRATION: 10/2018 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1021 g/100mL
STANDARD DEVIATION: 0.00120
PRECISION CV (%): 1.18
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0830 g/210L**
EXPANDED UNCERTAINTY: ± 0.0036 (k=2, 95.45% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Brittany Thomas — Forensic Scientist Supervisor — 10/16/17 DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
JLK	Justin L. Knoy		09/12/2017
KH	Katie Harris		09/20/2017
RF	Rebecca Flaherty		09/21/2017
EW	Elizabeth Wehner		09/25/2017
LK	Lyndsey Knoy		09/27/2017
AJL	Asa J. Louis		09/27/2017
CSJ	Christopher S. Johnston		09/27/2017
AG	Andrew Gingras		09/29/2017

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

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 10-25-17

Location: WSP- FLSB Seattle, WA Solution Batch Number: 17059

	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: Date: 10-25-17

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

External Standard Solution Batch #: 17059 **Date Prepared: 9/12/2017**

Analyst:	JLK	KH	RF	EW	LK	AJL	CSJ	AG
Date Tested:	9/12/2017	9/20/2017	9/21/2017	9/25/2017	9/27/2017	9/27/2017	9/27/2017	9/29/2017
Instrument:	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1	HSGC #1
1	0.103	0.102	0.102	0.103	0.102	0.098	0.102	0.102
2	0.102	0.103	0.103	0.103	0.102	0.099	0.103	0.102
3	0.102	0.103	0.103	0.104	0.102	0.100	0.103	0.103
4	0.102	0.103	0.103	0.103	0.102	0.100	0.102	0.102
5	0.102	0.102	0.103	0.103	0.102	0.100	0.103	0.102
C	0.102	0.102	0.102	0.102	0.102	0.098	0.103	0.102

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0001385983	0.0002195910	0.0001016326

Ethanol Control Lot #: FN08051301
Control Uncertainty (%): 0.29

Average Solution Concentration: 0.1021 g/100mL
Standard Deviation: 0.00120 g/100mL
Precision CV (%): 1.18
Equivalent Vapor Concentration: 0.0830 g/210L
Combined Standard Uncertainty (±): 0.0018 g/210L
Expanded Uncertainty (±): 0.0036 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Brittany Thomas Brittany Thomas 10/9/17
Name Signature Date

Calculations verified by: Amanda M. Black 10-25-17 Method: Hand calculation
Name Signature Date

Review of batch file performed by:
Brittany Thomas Brittany Thomas 10/9/17
Name Signature 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		
Andrew Gingras	AG	10/10/17
Asa Louis	AL	20171016
Brittany Thomas		
Christie Mitchell-Mata		
Christopher Johnston	CJ	10/9/17
David Nguyen		
Dawn Sklerov		
Elizabeth Wehner	EW	10/9/17
Justin Knoy	JK	10.13.17
Katie Harris	KH	10/9/17
Lyndsey Knoy	LM	10.11.17
Naziha Nuwayhid		
Rebecca Flaherty	RF	10/9/17

Batch # 17059 RT 10/9/17

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 98134-2027 • (206) 262-6100 • FAX (206) 262-6145

0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 17059

I, Justin L. Knoy, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

I possess the following qualifications: BS degree in Biology, MS degree in Forensic Science, and am certified as a Diplomate in Forensic Toxicology by the American Board of Forensic Toxicology.

The external standard solution (ESS), Lot Number 17059, was prepared in the Washington State Toxicology Laboratory on 9/12/2017. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used for evidential breath tests after 9/12/2018.

Seattle, WA

10.13.17

Justin L. Knoy — Date
Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
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0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 17059

I, Katie Harris, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

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

The external standard solution (ESS), Lot Number 17059, was prepared in the Washington State Toxicology Laboratory on 9/12/2017. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used for evidential breath tests after 9/12/2018.

Seattle, WA

Katie Harris 10/9/17

Katie Harris Date

Forensic Scientist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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WASHINGTON STATE PATROL
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0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 17059

I, Rebecca Flaherty, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

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

The external standard solution (ESS), Lot Number 17059, was prepared in the Washington State Toxicology Laboratory on 9/12/2017. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used for evidential breath tests after 9/12/2018.

Seattle, WA

10/9/17

Rebecca Flaherty — Date

Forensic Scientist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 17059

I, Elizabeth Wehner, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

I possess the following qualifications: BS degree in Biochemistry.

The external standard solution (ESS), Lot Number 17059, was prepared in the Washington State Toxicology Laboratory on 9/12/2017. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used for evidential breath tests after 9/12/2018.

Seattle, WA

Elizabeth Wehner 10/9/17

Elizabeth Wehner Date

Forensic Scientist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 17059

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

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

I possess the following qualifications: BS degree in Chemistry.

The external standard solution (ESS), Lot Number 17059, was prepared in the Washington State Toxicology Laboratory on 9/12/2017. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used for evidential breath tests after 9/12/2018.

Seattle, WA

Lyndsey Knoy 10·11·17

Lyndsey Knoy Date
Forensic Scientist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 17059

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

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

I possess the following qualifications: B.S. degree in Biochemistry.

The external standard solution (ESS), Lot Number 17059, was prepared in the Washington State Toxicology Laboratory on 9/12/2017. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used for evidential breath tests after 9/12/2018.

Seattle, WA

20171016

Asa J. Louis Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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WASHINGTON STATE TOXICOLOGY LABORATORY

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0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 17059

I, Christopher S. Johnston, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

I possess the following qualifications: BS degree in Biochemistry and am certified as a Diplomate in Forensic Toxicology by the American Board of Forensic Toxicology.

The external standard solution (ESS), Lot Number 17059, was prepared in the Washington State Toxicology Laboratory on 9/12/2017. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used for evidential breath tests after 9/12/2018.

Seattle, WA

Chris S. 10/9/2017

Christopher S. Johnston Date

Forensic Toxicologist

JAY INSLEE
Governor

JOHN R. BATISTE
Chief

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0.08 g/210 L EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 17059

I, Andrew Gingras, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and my responsibilities include the preparation and certification of alcohol solutions for use with evidential breath test instruments.

I possess the following qualifications: BS degree in Cell and Molecular Biology and MS degree in Forensic Science.

The external standard solution (ESS), Lot Number 17059, was prepared in the Washington State Toxicology Laboratory on 9/12/2017. I tested this solution and it was found to conform to those standards established by the State Toxicologist for the certification of simulator solution. It shall not be used for evidential breath tests after 9/12/2018.

Seattle, WA

10/10/17

Andrew Gingras — Date

Forensic Scientist

WSP-TLD **COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET**

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

Preparation Date: 9/12/17 Expiration Date: 9/12/18 Initials of Preparer: JK

Lot # of 200-proof Ethanol used in preparation: 1FF0202

Date the 200-proof Ethanol bottle was opened: 8-15-17

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.

Environmental conditions verified as acceptable: ☑

Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	☐	N/A
QAP 0.08	22.4	18	☐	N/A
QAP 0.10	28.1	18	☐	N/A
QAP 0.15	42.1	18	☐	N/A
QAP 0.20	56.1	18	☐	N/A
ESS	66.5	52	☑	17059

Stir bar is rotating ☑

Stirred for minimum 30 minutes; 2 hours for ESS ☑

Spigot purged ☑

Aliquot taken ☑

Batch labeled, packaged and sealed ☑ 9-12-17 JK
Date

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

Comments:

Analyst Signature

9-12-17
Date

BG 10/9/14

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:	170912JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0717-01 - Exp. 01/27/2018
Ethanol Calibrator 2, E0717-02 - Exp. 01/27/2018
Ethanol Calibrator 3, E0717-03 - Exp. 01/27/2018
CTRL1 (0.04g/100mL), Lot # FN12181501 - Exp. 12/2020
CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
CTRL3 (0.20g/100mL), Lot # FN08101505 - Exp. 02/2021
Internal Standard Lot#P0717 - Exp. 10/20/2017

Calibration vials 1-9 filed with 17059.

Diluter #1

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	17059-1	SIMALC1	1	Sample		
11	Vial 11	17059-2	SIMALC1	1	Sample		
12	Vial 12	17059-3	SIMALC1	1	Sample		
13	Vial 13	17059-4	SIMALC1	1	Sample		
14	Vial 14	17059-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		

17059

BK 10/2/17

Calibration Part:

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

JTC

Sequence Table (Back Injector):

No entries - empty table!

17059

DT 10/9/17

JK

Calibration Table

Calib. Data Modified : Tuesday, September 12, 2017 10:42:18 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

17059
PA
10/4/17

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
1.091	1	1	7.99000e-2	1019.41858	7.83780e-5	1		Ethanol
		2	1.59490e-1	2044.82288	7.79970e-5			
		3	3.19580e-1	4100.19775	7.79426e-5			
1.769	1	1	1.20000e-2	2492.39624	4.81464e-6	I1		n-Propanol
		2	1.20000e-2	2502.82202	4.79459e-6			
		3	1.20000e-2	2509.26782	4.78227e-6			

Peak Sum Table

No Entries in table

JK

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Calibration Curves

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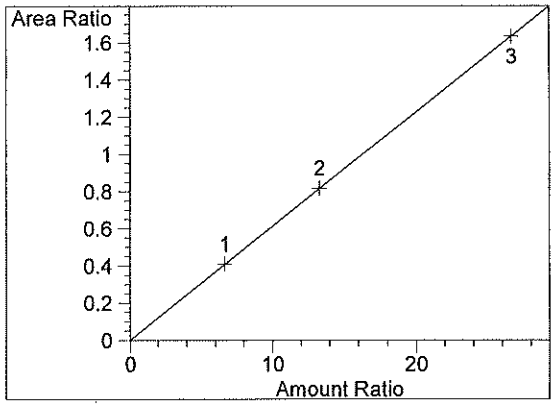
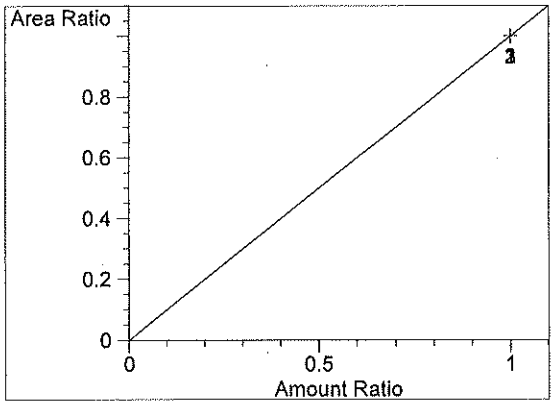


Ethanol at exp. RT: 1.091
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00088
Formula: y = mx + b
m: 6.13567e-2
b: 4.98972e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.769
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

==========

17059

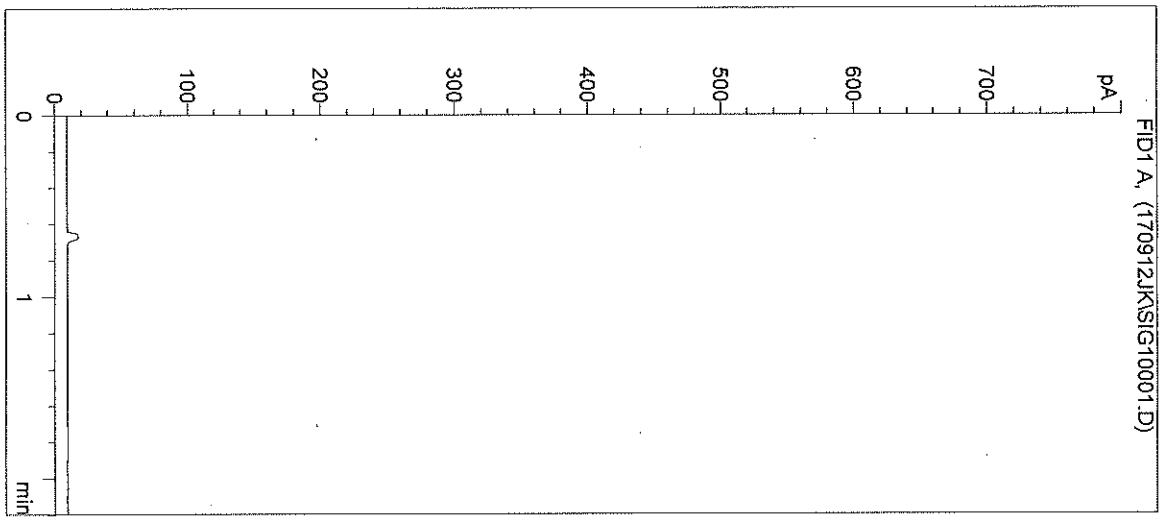
BT
10/9/17

JC

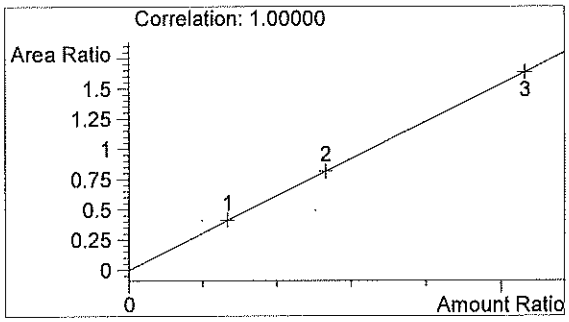
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2017 10:30:12 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

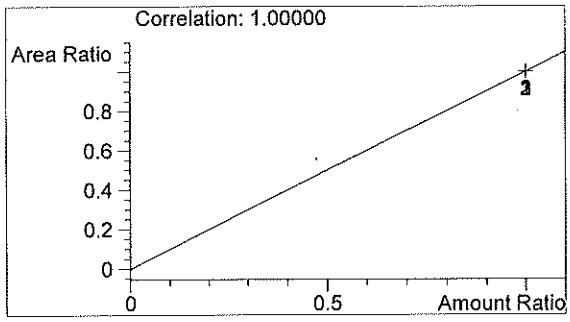
Sample Name: BLANK
Operator: Justin Knoy
Location: Vial 1



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



Ethanol 0.000 g/100mL



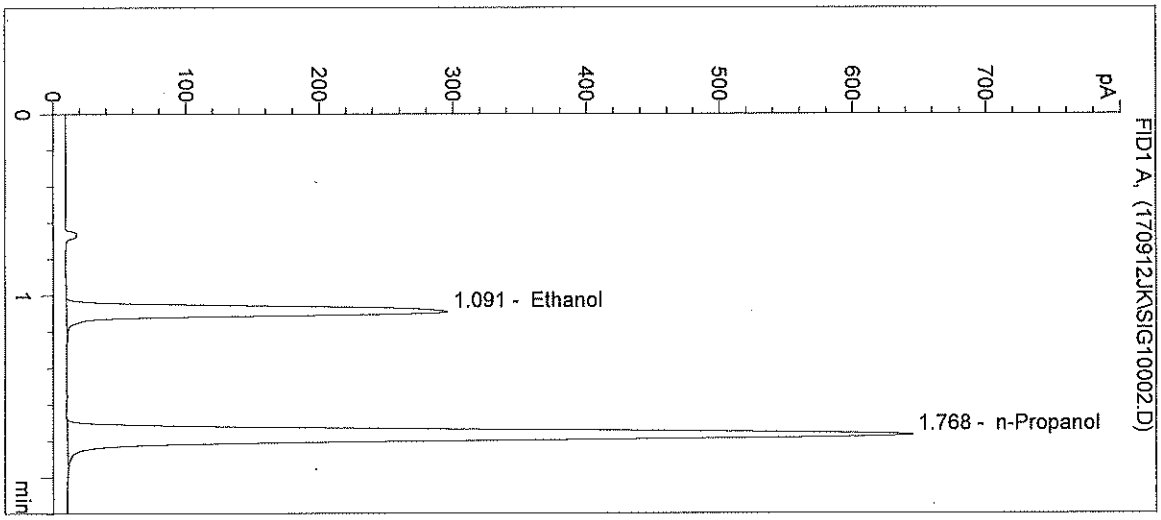
n-Propanol 0.000 g/100mL

Data File: C:\HPCHEM\1\DATA\170912JK\SIG10001.D

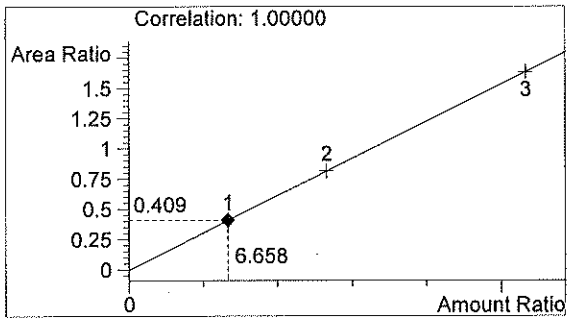
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2017 10:33:30 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

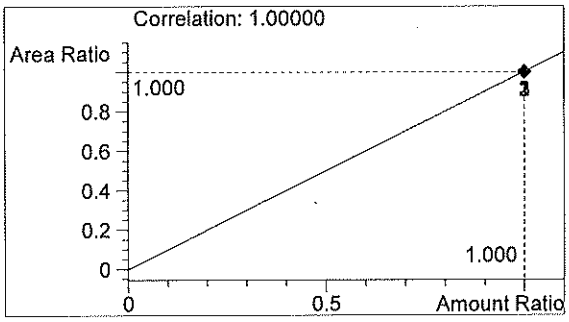
Sample Name: 0.079 CAL 1
Operator: Justin Knoy
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	1019	1.091
2	n-Propanol	2492	1.768



Ethanol 0.080 g/100mL

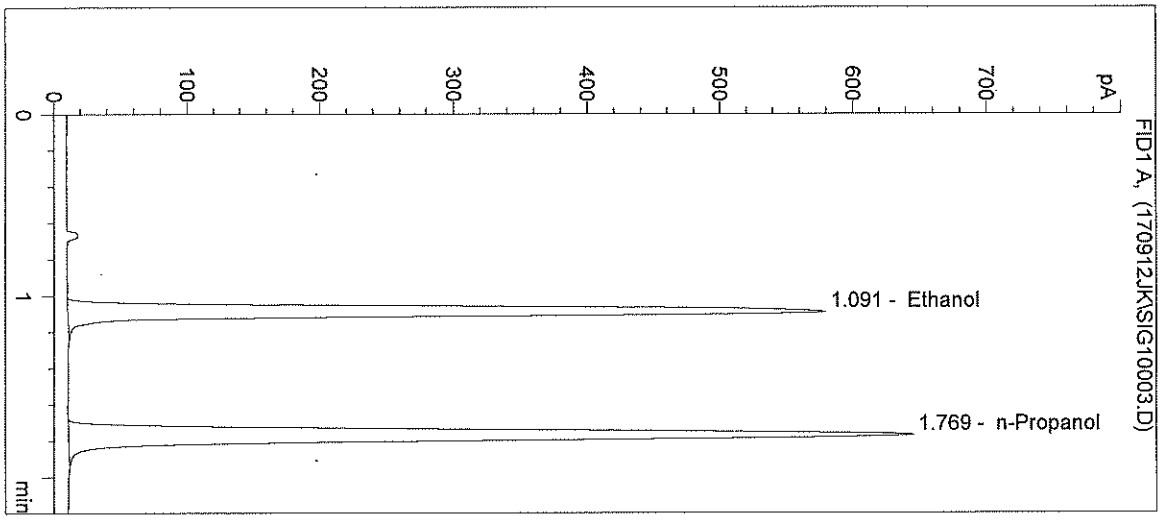


n-Propanol 0.012 g/100mL

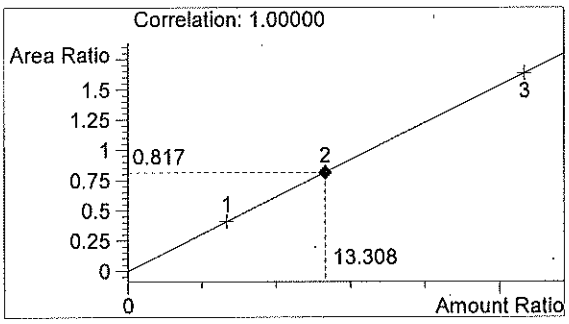
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2017 10:36:48 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

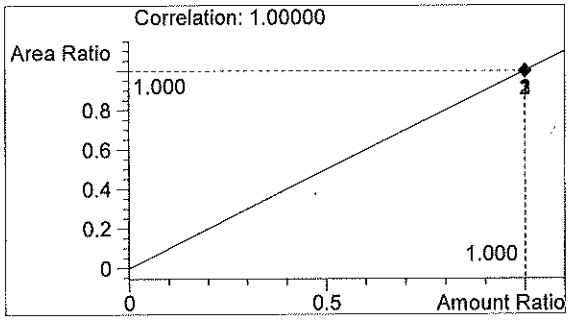
Sample Name: 0.158 CAL 2
Operator: Justin Knoy
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	2045	1.091
2	n-Propanol	2503	1.769



Ethanol 0.160 g/100mL

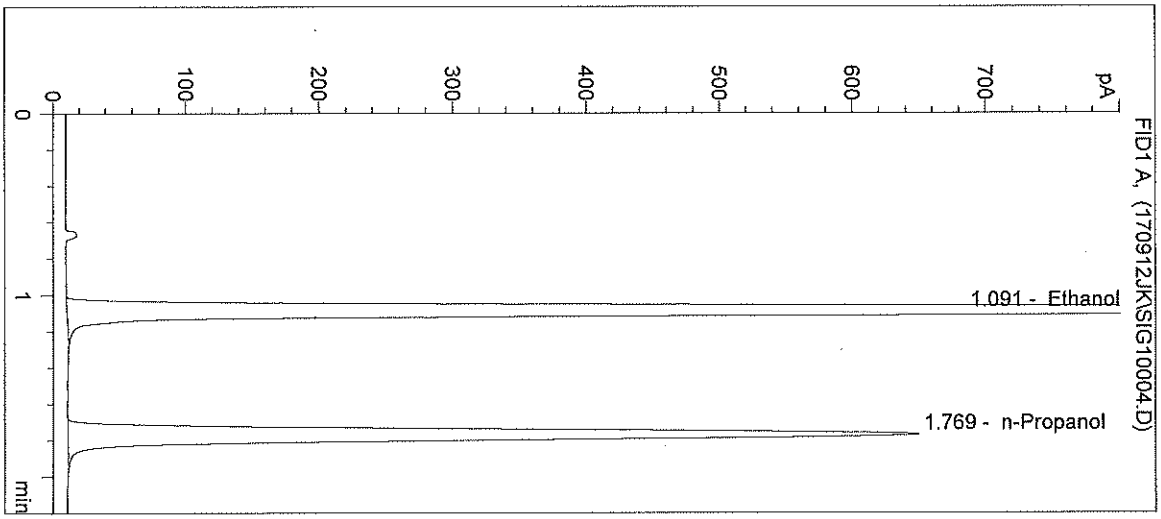


n-Propanol 0.012 g/100mL

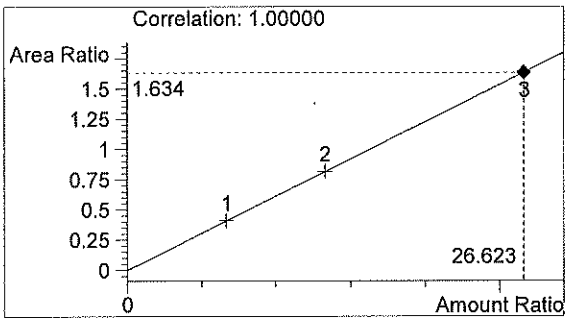
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2017 10:40:05 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

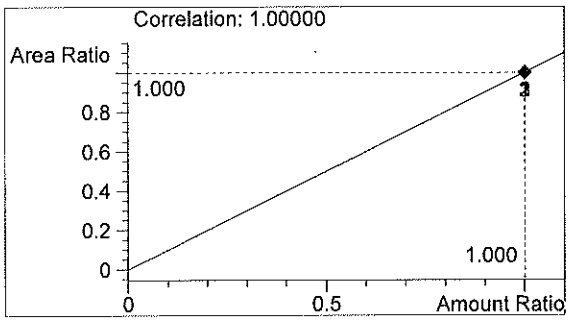
Sample Name: 0.316 CAL 3
Operator: Justin Knoy
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	4100	1.091
2	n-Propanol	2509	1.769



Ethanol 0.319 g/100mL

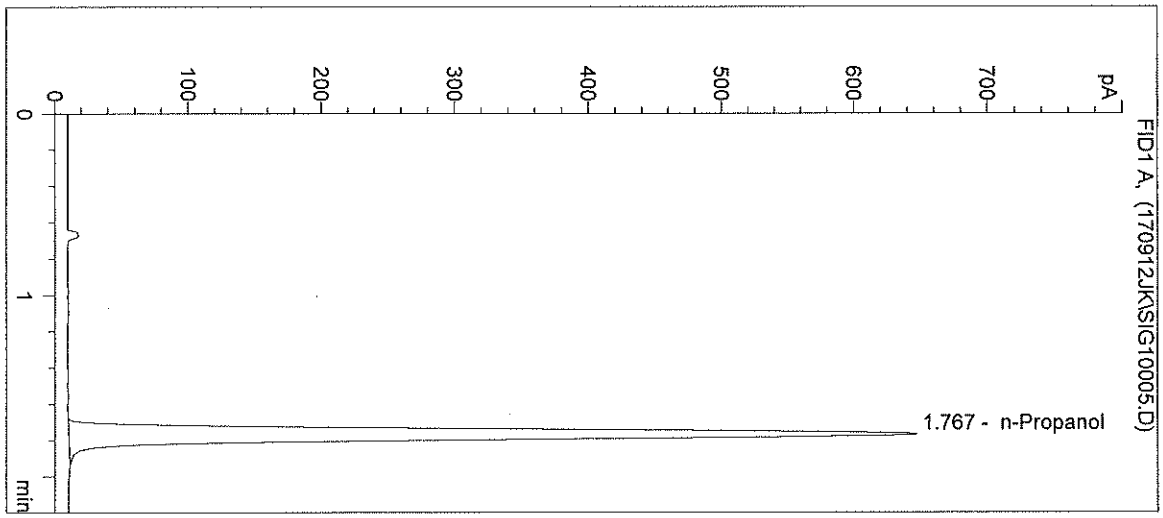


n-Propanol 0.012 g/100mL

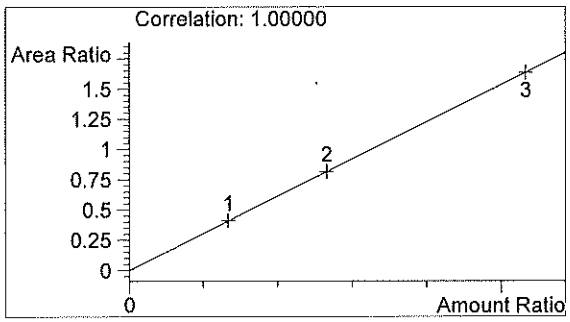
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2017 10:43:18 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

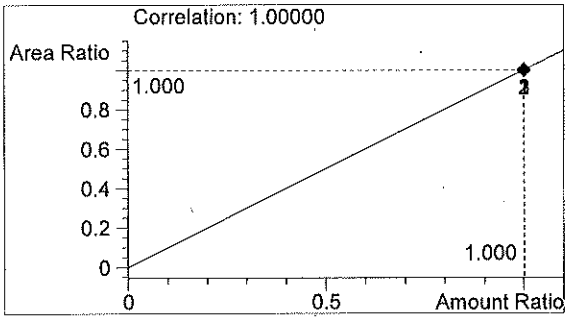
Sample Name: NEG CTRL
Operator: Justin Knoy
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2491	1.767



Ethanol 0.000 g/100mL



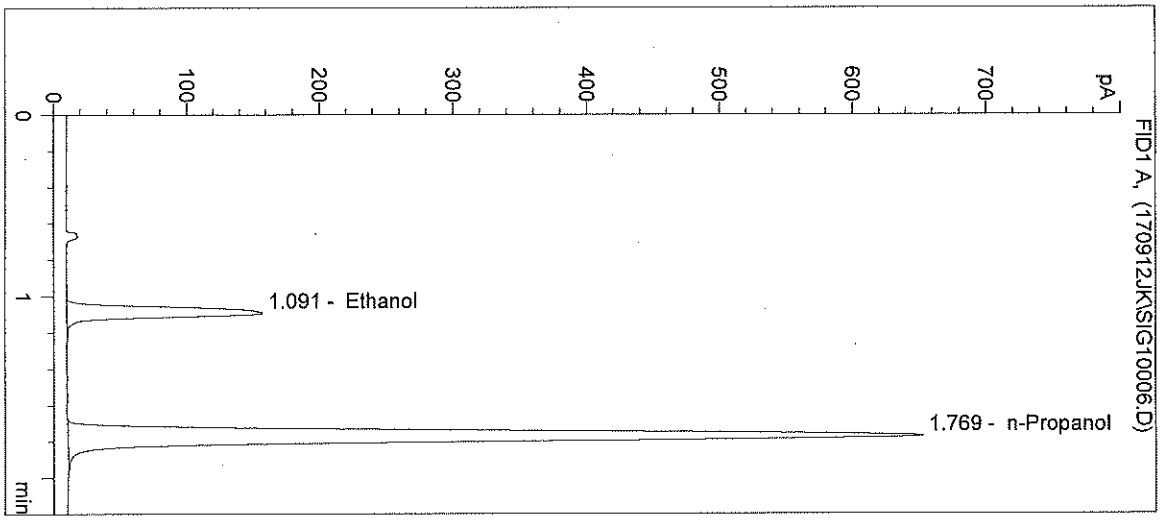
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\170912JK\SIG10005.D

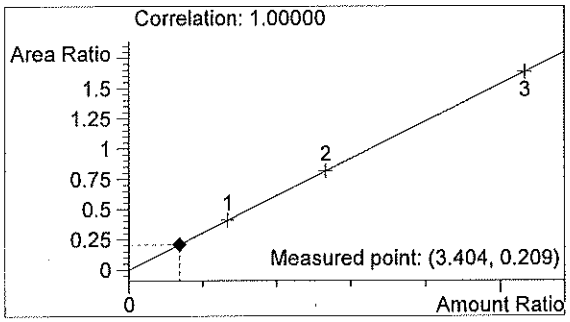
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2017 10:46:31 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

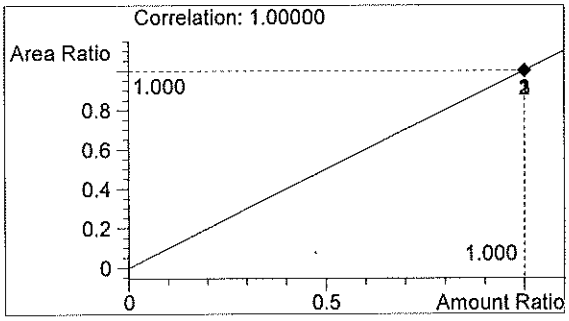
Sample Name: 0.04 CTRL
Operator: Justin Knoy
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	530	1.091
2	n-Propanol	2531	1.769



Ethanol 0.041 g/100mL

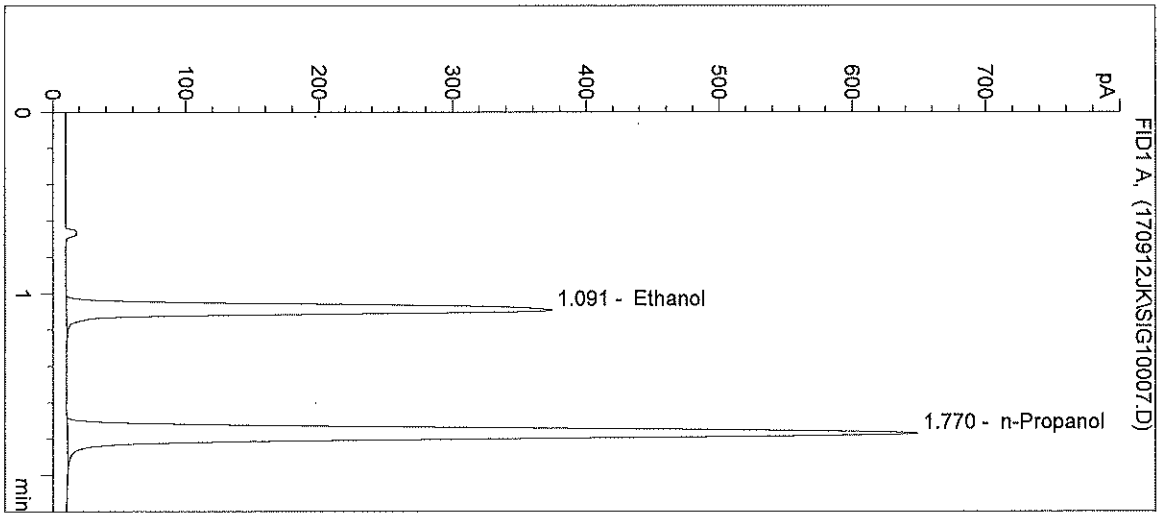


n-Propanol 0.012 g/100mL

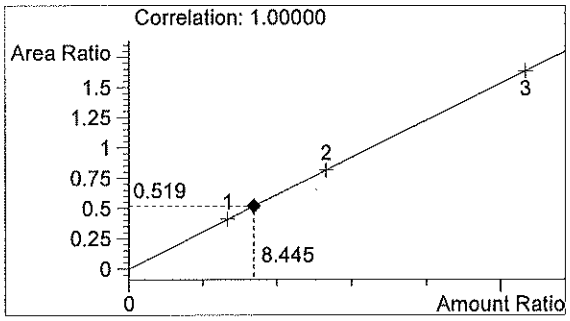
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2017 10:49:45 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

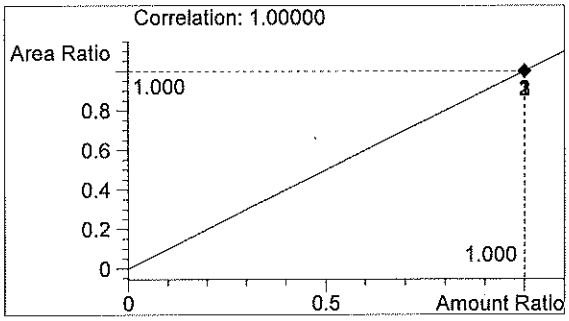
Sample Name: 0.10 CTRL
Operator: Justin Knoy
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1304	1.091
2	n-Propanol	2513	1.770



Ethanol 0.101 g/100mL



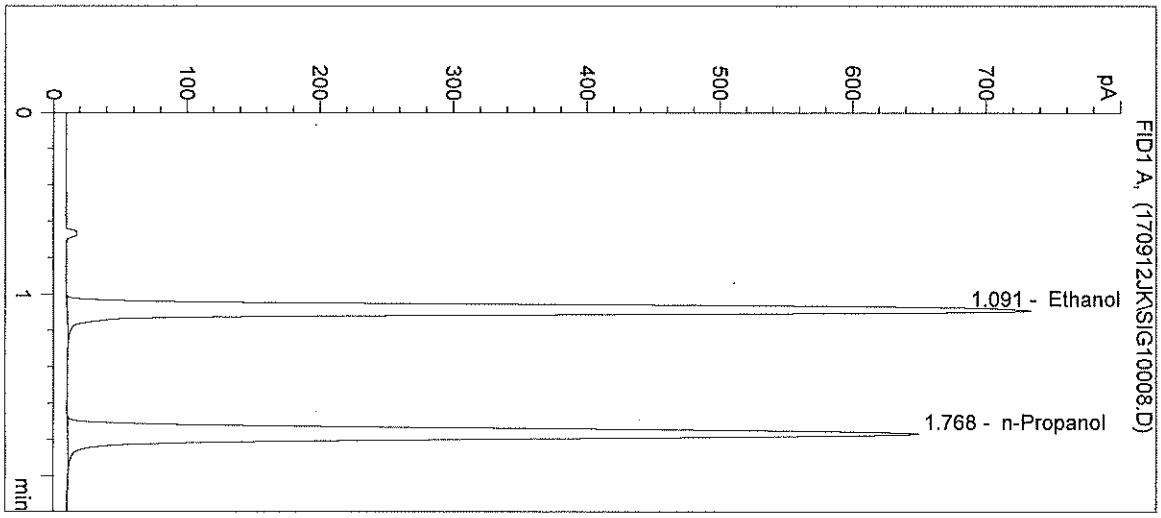
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\170912JK\SIG10007.D

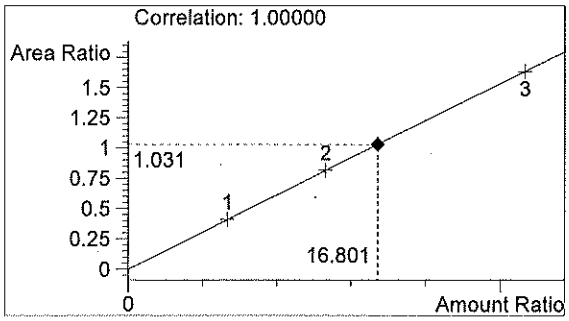
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2017 10:52:58 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

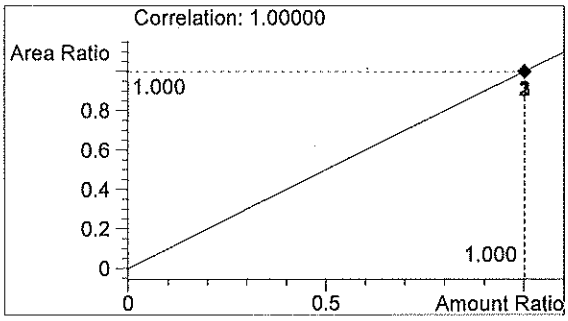
Sample Name: 0.20 CTRL
Operator: Justin Knoy
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2590	1.091
2	n-Propanol	2511	1.768



Ethanol 0.202 g/100mL

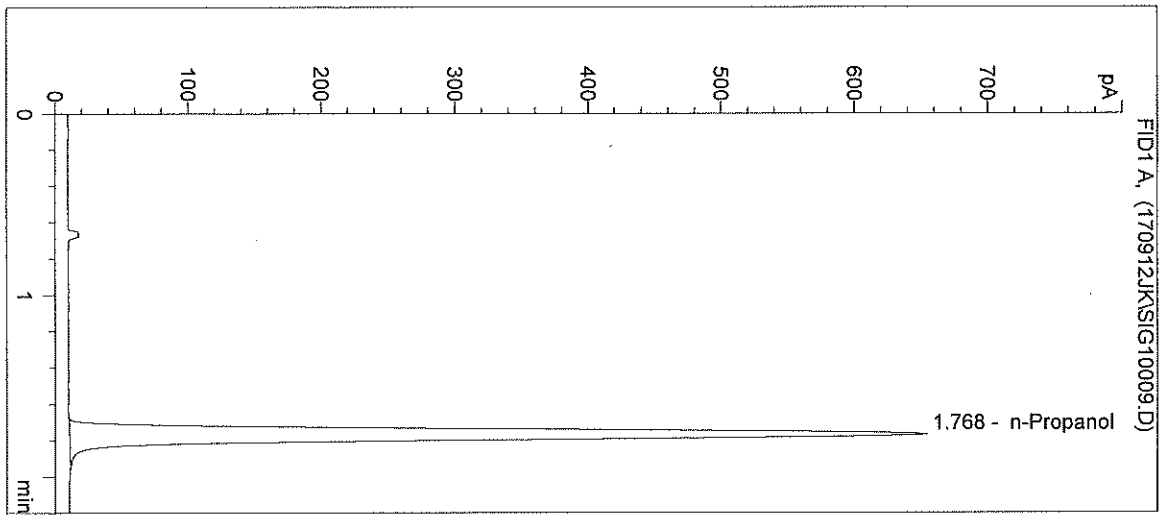


n-Propanol 0.012 g/100mL

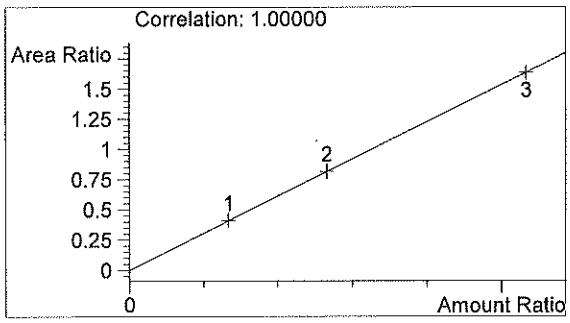
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2017 10:56:11 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

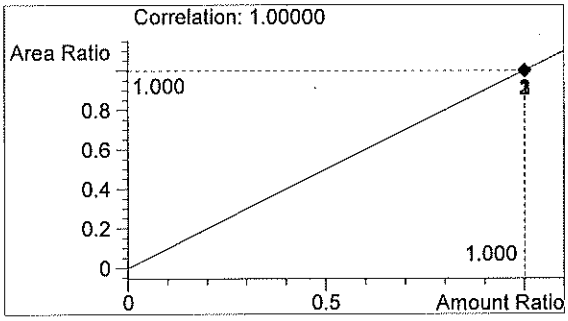
Sample Name: NEG CTRL
Operator: Justin Knoy
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2522	1.768



Ethanol 0.000 g/100mL

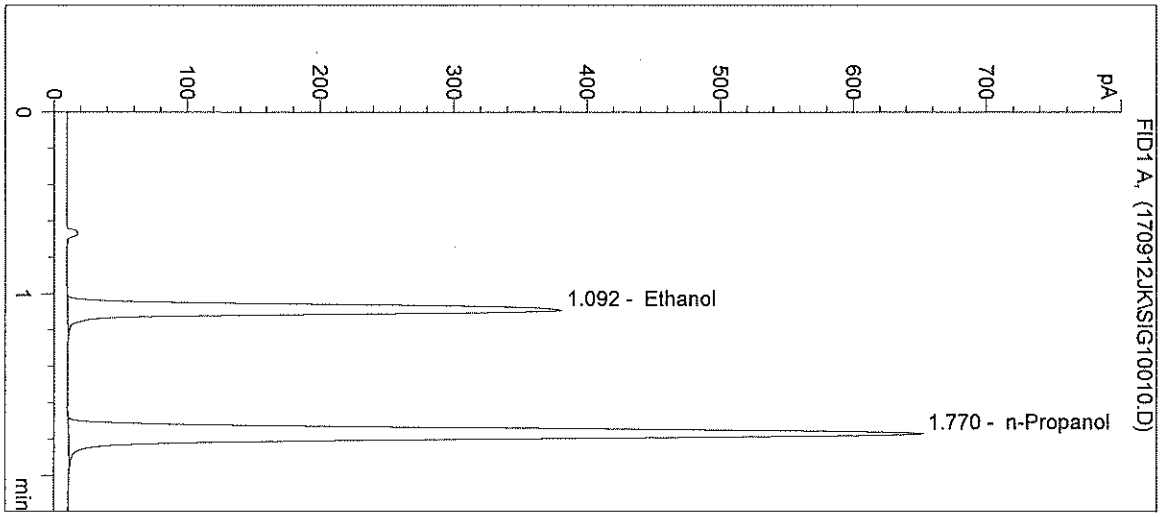


n-Propanol 0.012 g/100mL

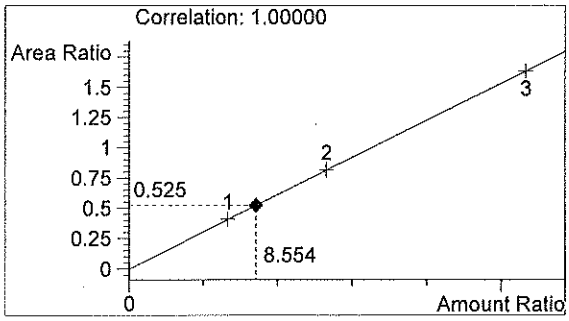
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2017 10:59:25 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

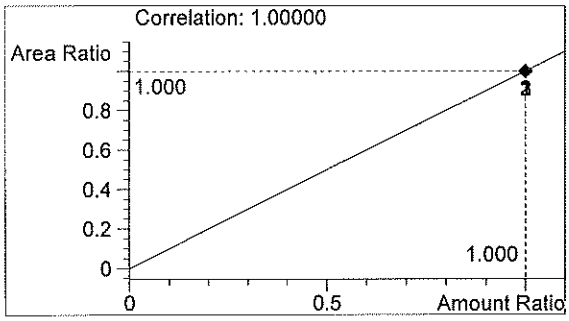
Sample Name: 17059-1
Operator: Justin Knoy
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1330	1.092
2	n-Propanol	2531	1.770



Ethanol 0.103 g/100mL

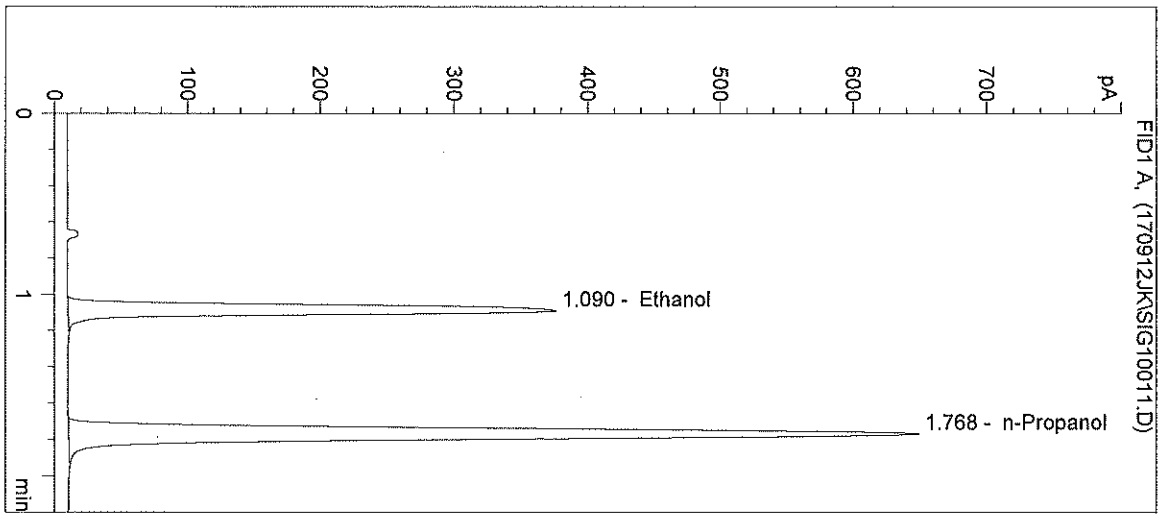


n-Propanol 0.012 g/100mL

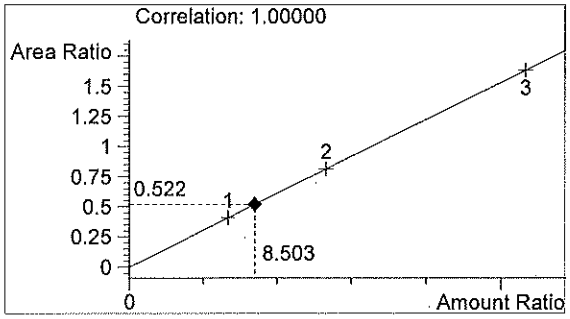
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2017 11:02:38 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

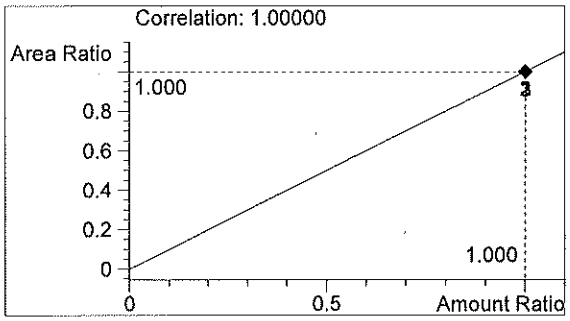
Sample Name: 17059-2
Operator: Justin Knoy
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1310	1.090
2	n-Propanol	2508	1.768



Ethanol 0.102 g/100mL

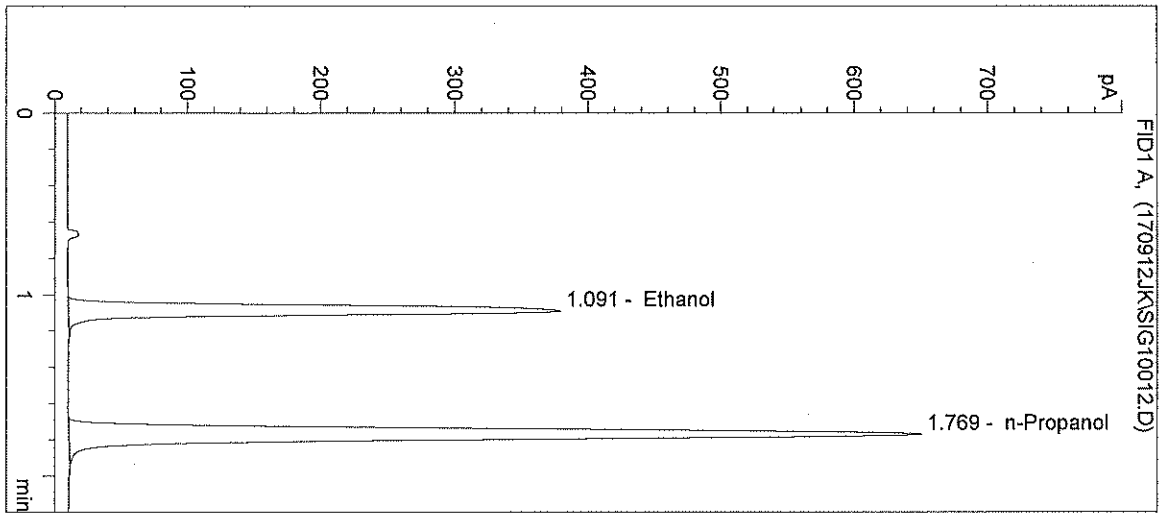


n-Propanol 0.012 g/100mL

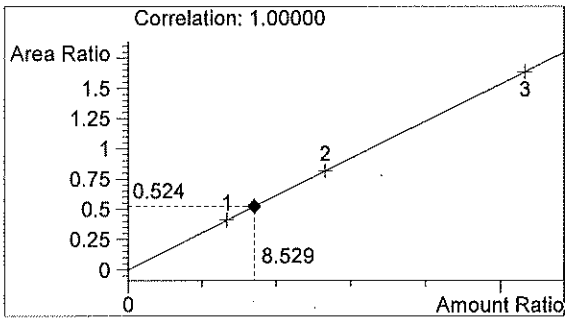
Data File: C:\HPCHEM\1\DATA\170912JK\SIG10011.D

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

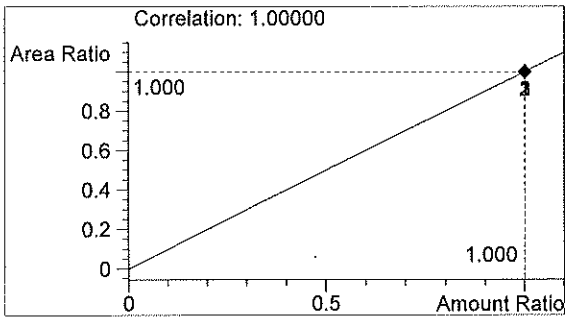
Inj. Date: 9/12/2017 11:05:52 AM
Sample Name: 17059-3
Instrument: HSGC#1
Operator: Justin Knoy
Column: DB-ALC1
Location: Vial 12
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1317	1.091
2	n-Propanol	2515	1.769



Ethanol 0.102 g/100mL

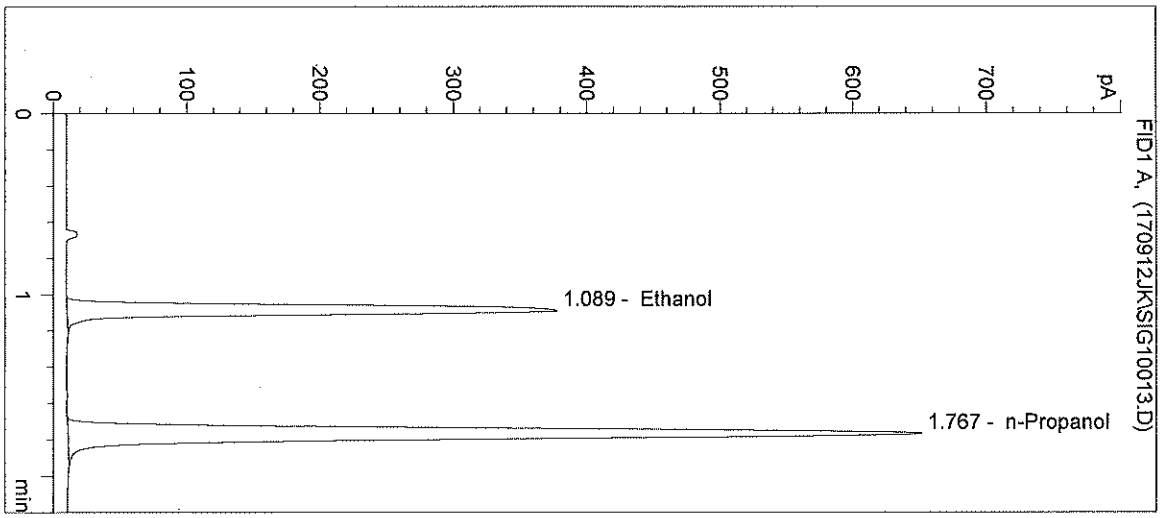


n-Propanol 0.012 g/100mL

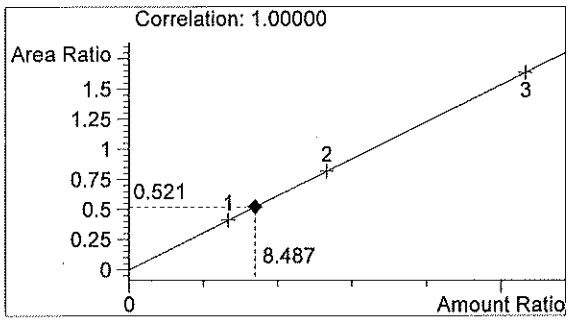
Data File: C:\HPCHEM\1\DATA\170912JK\SIG10012.D

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

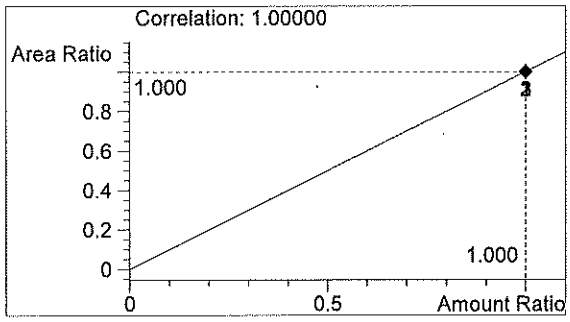
Inj. Date: 9/12/2017 11:09:05 AM
Sample Name: 17059-4
Instrument: HSGC#1
Operator: Justin Knoy
Column: DB-ALC1
Location: Vial 13
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1304	1.089
2	n-Propanol	2503	1.767



Ethanol 0.102 g/100mL



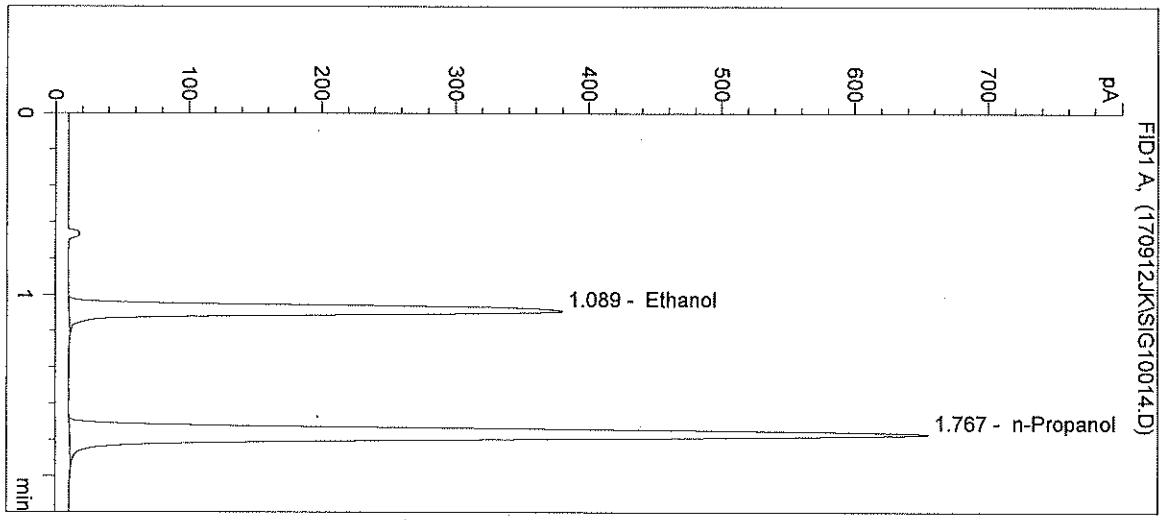
n-Propanol 0.012 g/100mL

JK

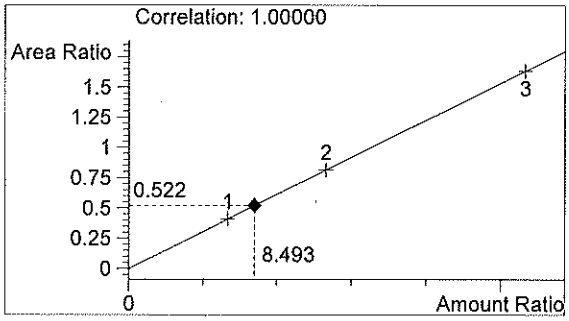
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2017 11:12:19 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

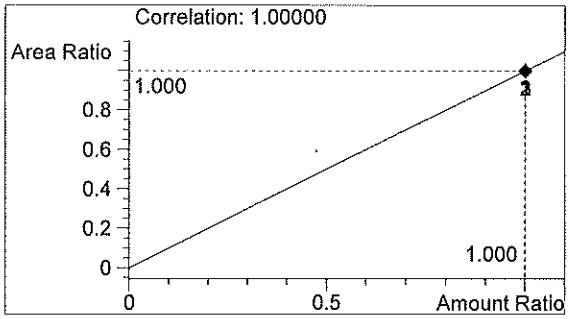
Sample Name: 17059-5
Operator: Justin Knoy
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1313	1.089
2	n-Propanol	2518	1.767



Ethanol 0.102 g/100mL



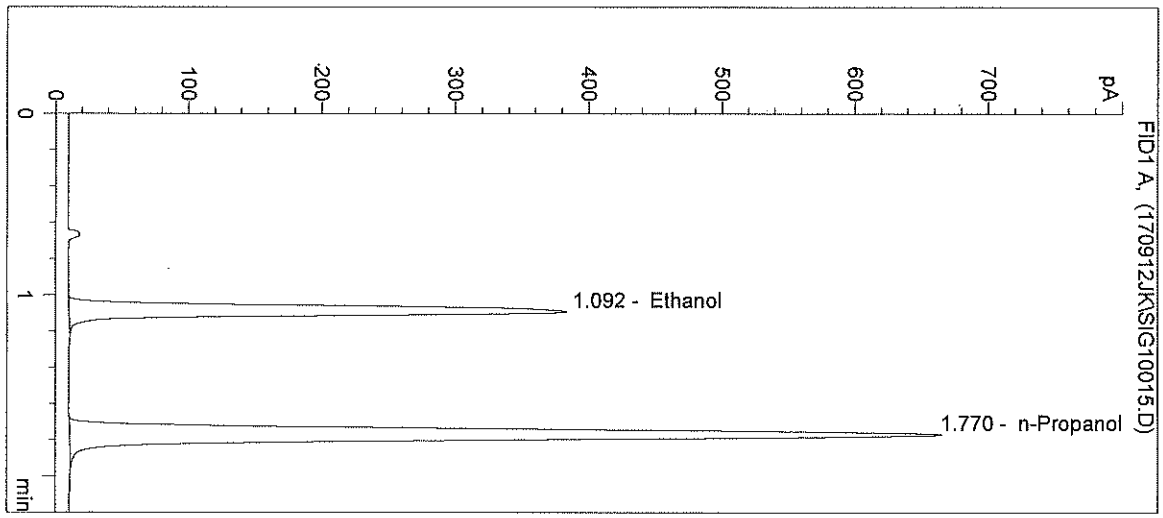
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\170912JK\SIG10014.D

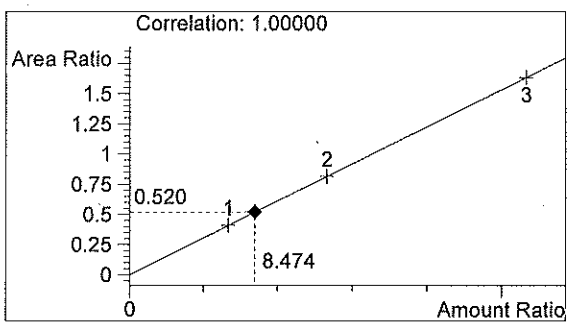
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2017 11:15:32 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

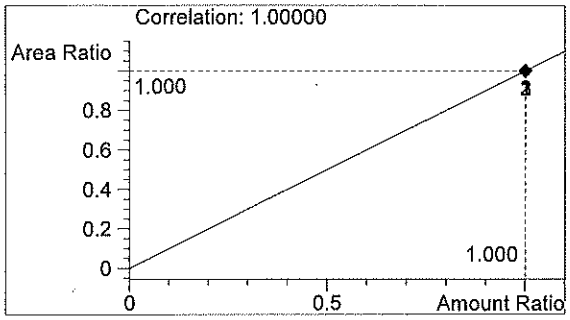
Sample Name: 0.10 CTRL
Operator: Justin Knoy
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1346	1.092
2	n-Propanol	2586	1.770



Ethanol 0.102 g/100mL

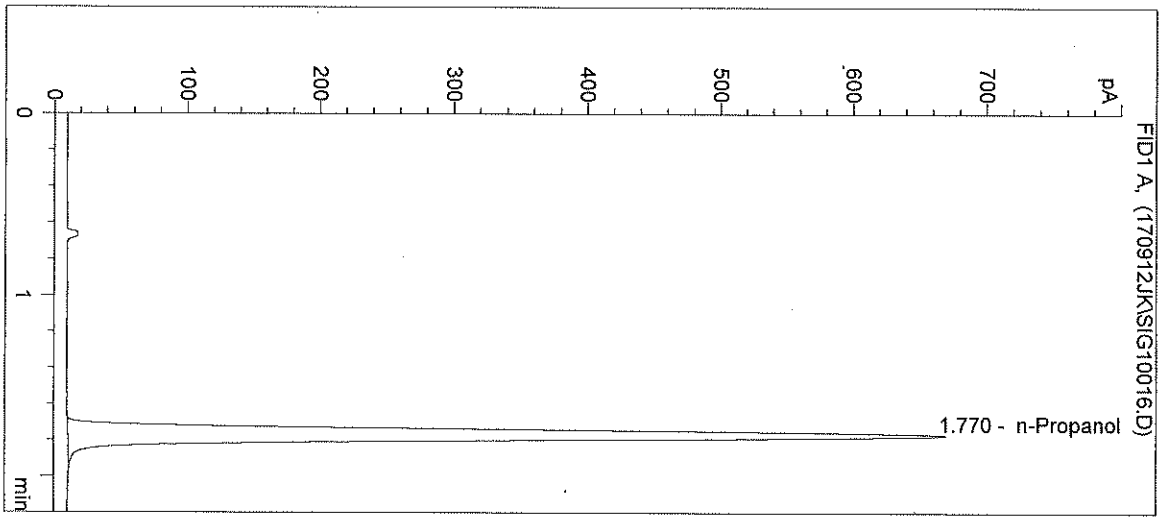


n-Propanol 0.012 g/100mL

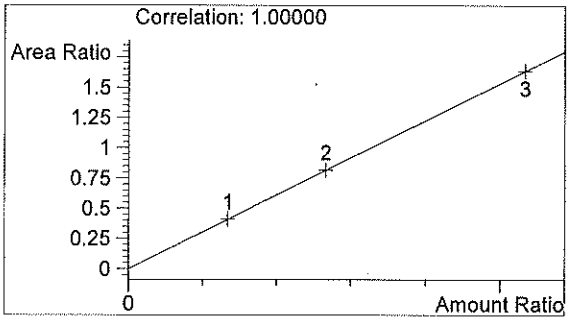
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/12/2017 11:18:46 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

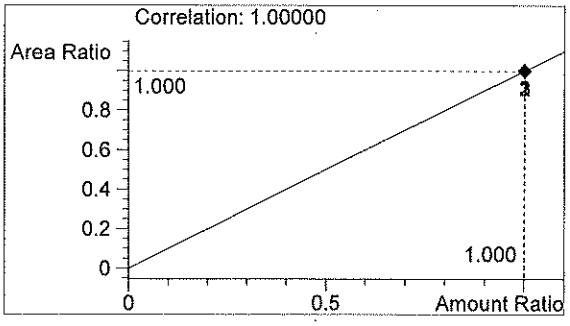
Sample Name: NEG CTRL
Operator: Justin Knoy
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2604	1.770



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Sequence Parameters:

Operator:	Katie Harris
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:	170920KH
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0717-01 - Exp. 01/27/2018
Ethanol Calibrator 2, E0717-02 - Exp. 01/27/2018
Ethanol Calibrator 3, E0717-03 - Exp. 01/27/2018
CTRL1 (0.04g/100mL), Lot # FN12181501 - Exp. 12/2020
CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
CTRL3 (0.20g/100mL), Lot # FN08101505 - Exp. 02/2021
Internal Standard Lot#P0717 - Exp. 10/20/2017

Calibration vials 1-9 filed with 17058.

Diluter #1.

17059

KT 10/9/17

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	17058-1	SIMALC1	1	Sample		
11	Vial 11	17058-2	SIMALC1	1	Sample		
12	Vial 12	17058-3	SIMALC1	1	Sample		
13	Vial 13	17058-4	SIMALC1	1	Sample		
14	Vial 14	17058-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	17059-1	SIMALC1	1	Sample		
18	Vial 18	17059-2	SIMALC1	1	Sample		
19	Vial 19	17059-3	SIMALC1	1	Sample		
20	Vial 20	17059-4	SIMALC1	1	Sample		
21	Vial 21	17059-5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		

KH
KH

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

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

17059

KH 10/9/17

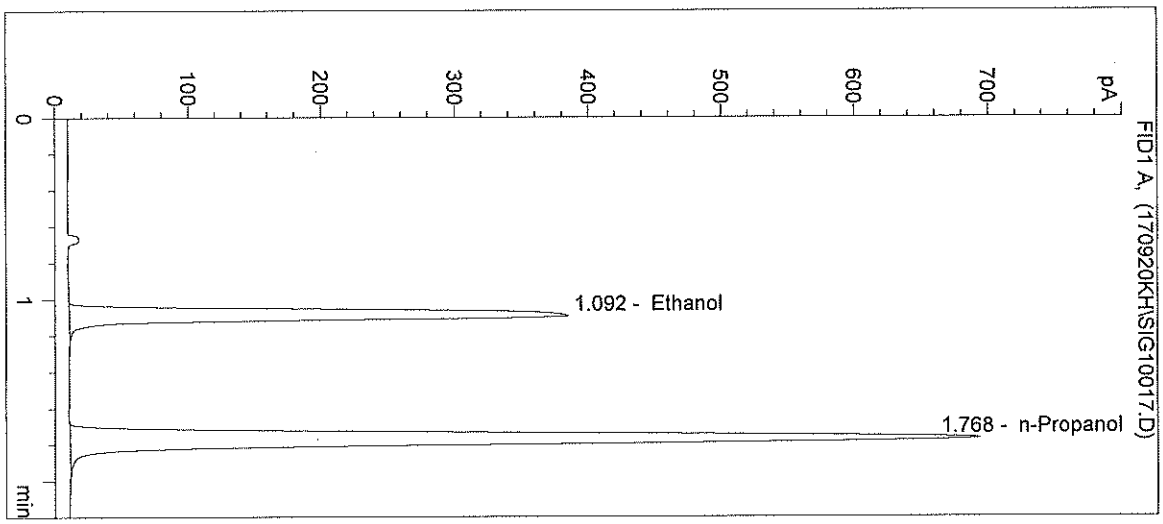
KH

KH

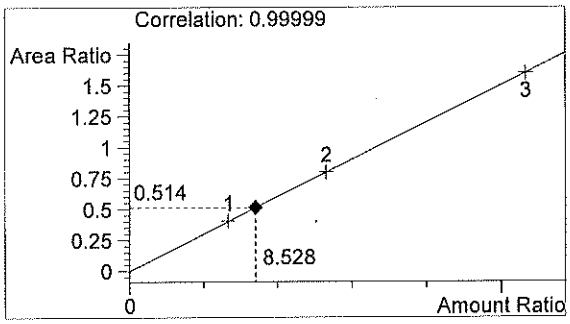
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/20/2017 1:10:13 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

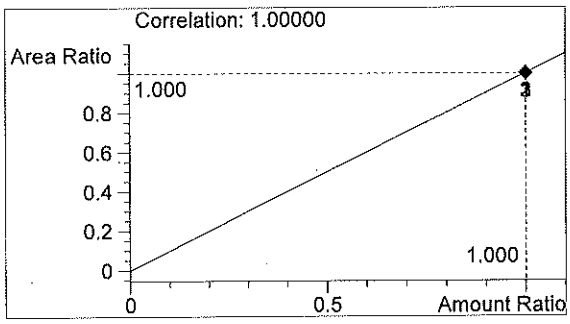
Sample Name: 17059-1
Operator: Katie Harris
Location: Vial 17



#	Compound	Peak Area	RT (min)
1	Ethanol	1441	1.092
2	n-Propanol	2803	1.768



Ethanol 0.102 g/100mL

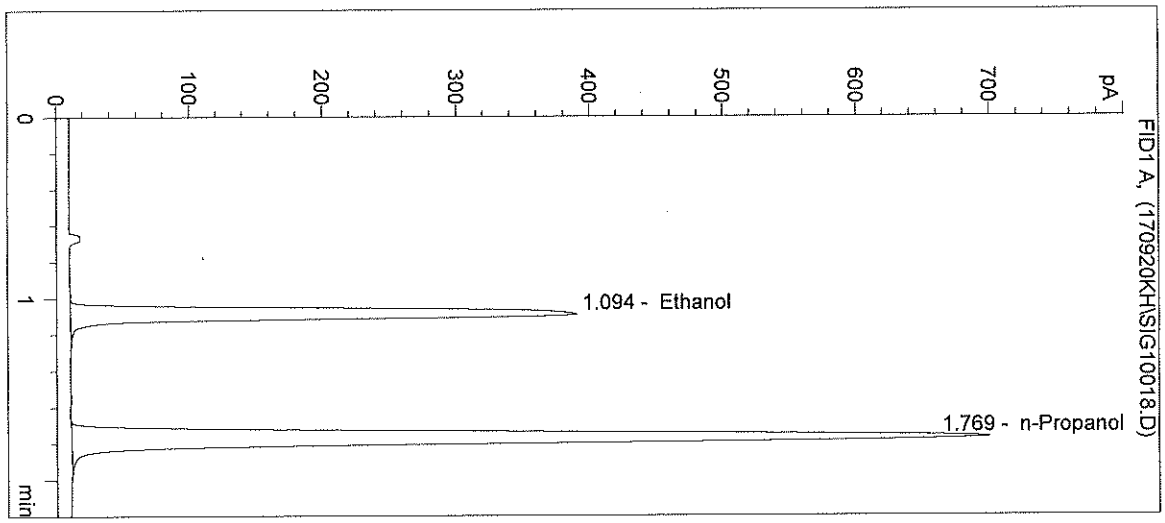


n-Propanol 0.012 g/100mL

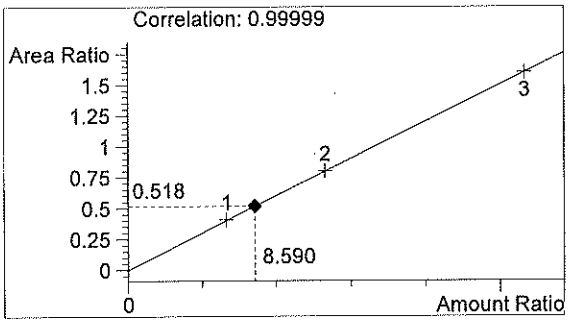
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/20/2017 1:13:26 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

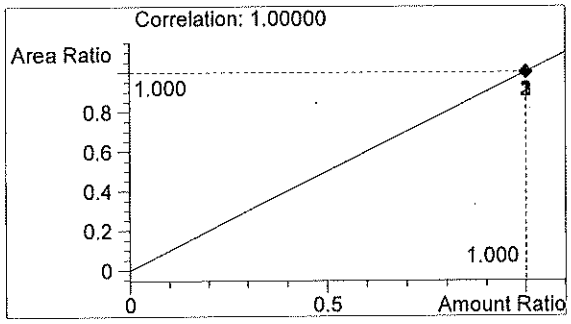
Sample Name: 17059-2
Operator: Katie Harris
Location: Vial 18



#	Compound	Peak Area	RT (min)
1	Ethanol	1471	1.094
2	n-Propanol	2841	1.769



Ethanol 0.103 g/100mL



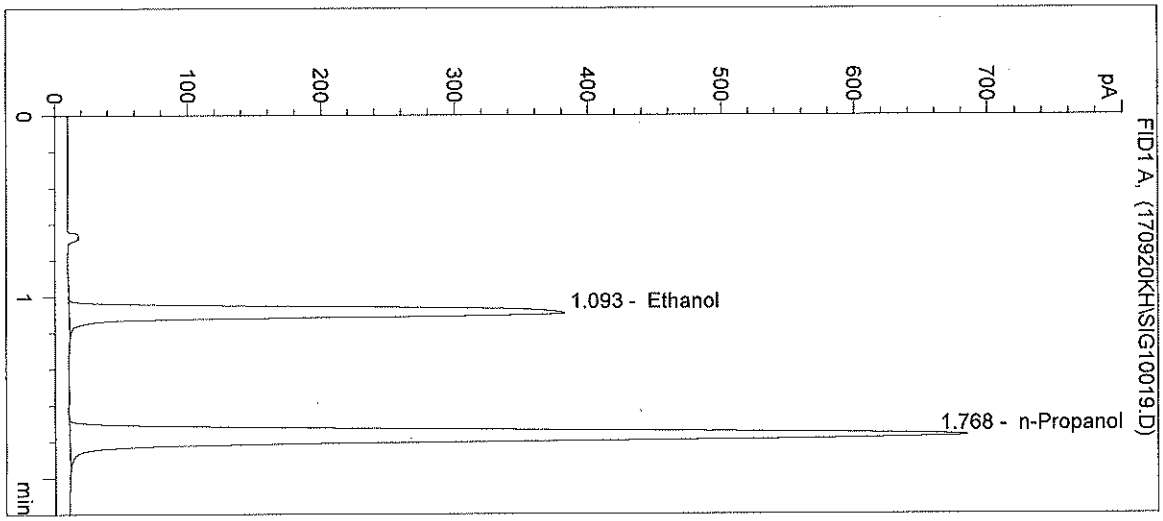
n-Propanol 0.012 g/100mL

KH

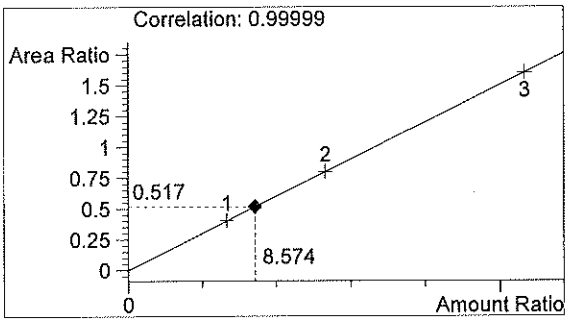
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/20/2017 1:16:39 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

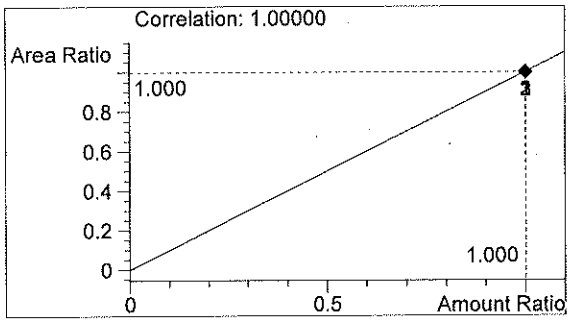
Sample Name: 17059-3
Operator: Katie Harris
Location: Vial 19



#	Compound	Peak Area	RT (min)
1	Ethanol	1431	1.093
2	n-Propanol	2768	1.768



Ethanol 0.103 g/100mL



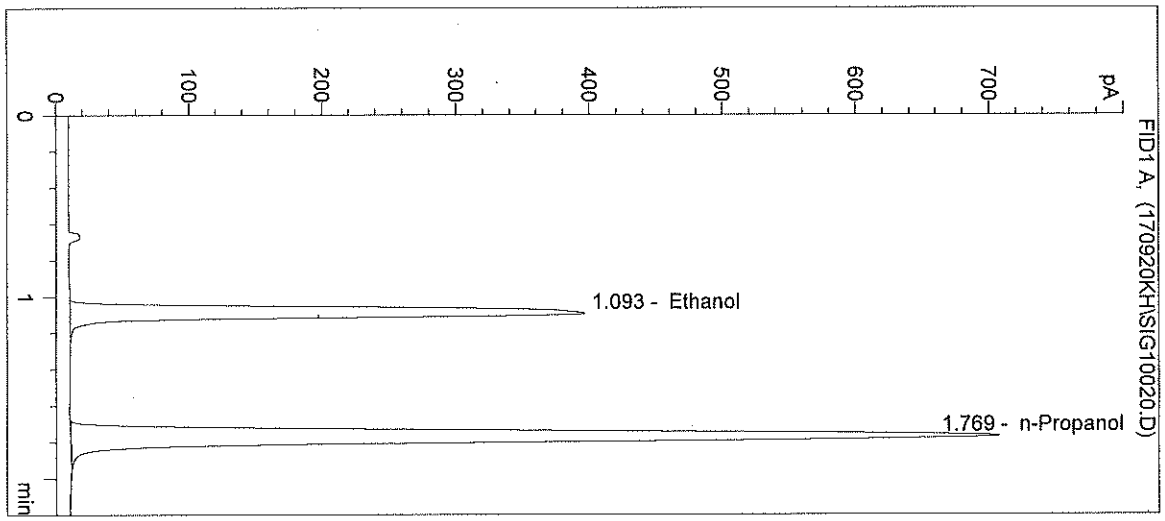
n-Propanol 0.012 g/100mL

KH

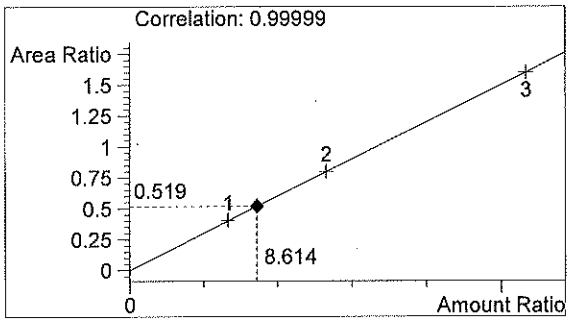
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/20/2017 1:19:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

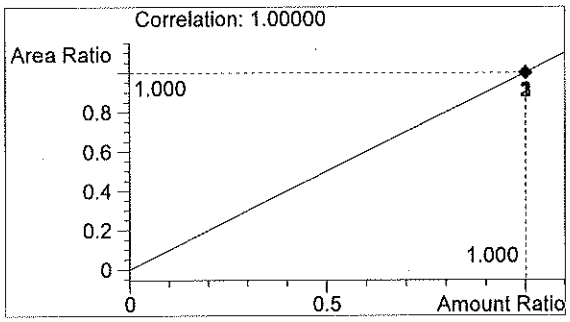
Sample Name: 17059-4
Operator: Katie Harris
Location: Vial 20



#	Compound	Peak Area	RT (min)
1	Ethanol	1479	1.093
2	n-Propanol	2848	1.769



Ethanol 0.103 g/100mL

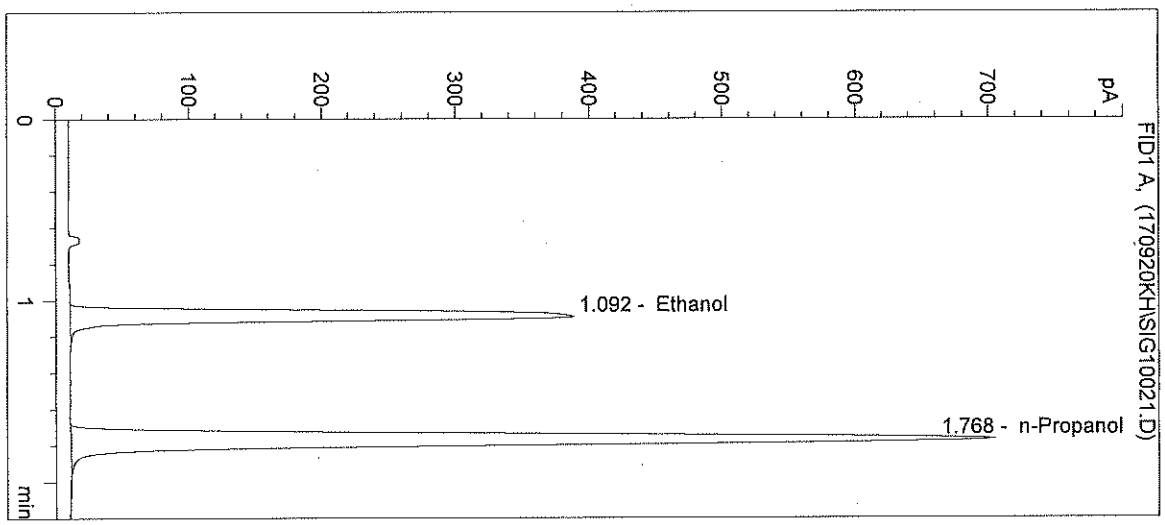


n-Propanol 0.012 g/100mL

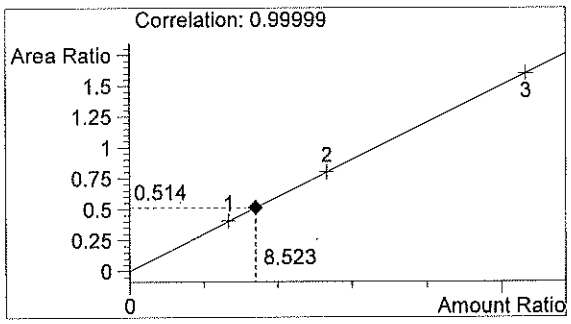
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/20/2017 1:23:06 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

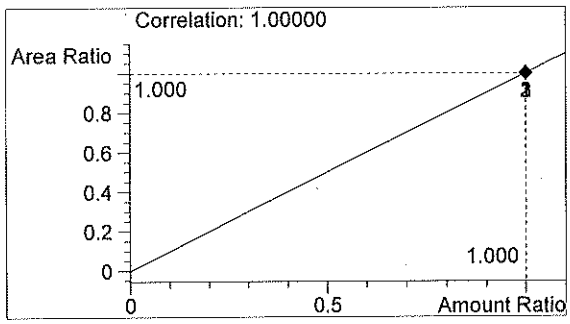
Sample Name: 17059-5
Operator: Katie Harris
Location: Vial 21



#	Compound	Peak Area	RT (min)
1	Ethanol	1457	1.092
2	n-Propanol	2836	1.768



Ethanol 0.102 g/100mL

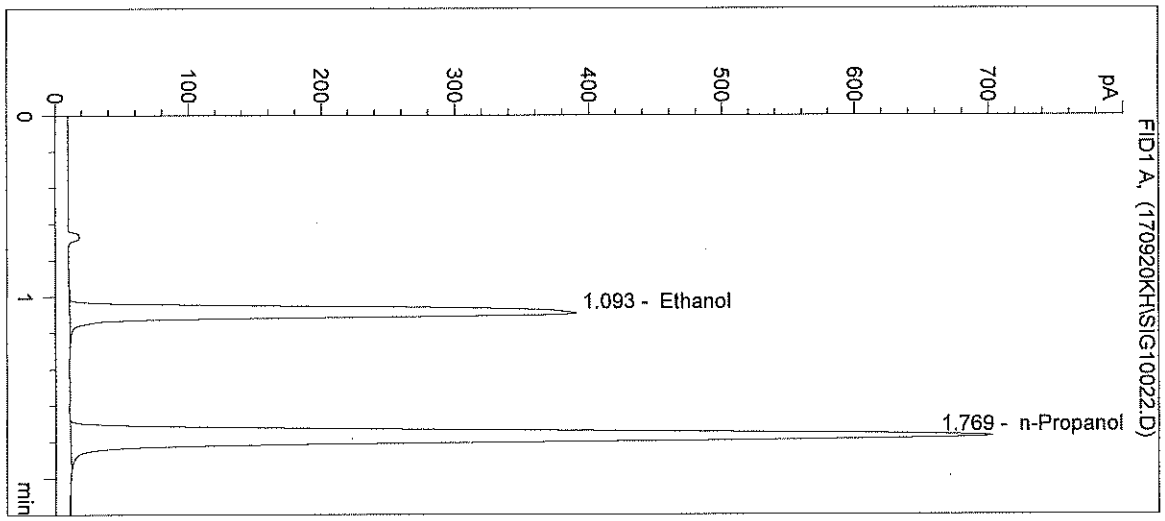


n-Propanol 0.012 g/100mL

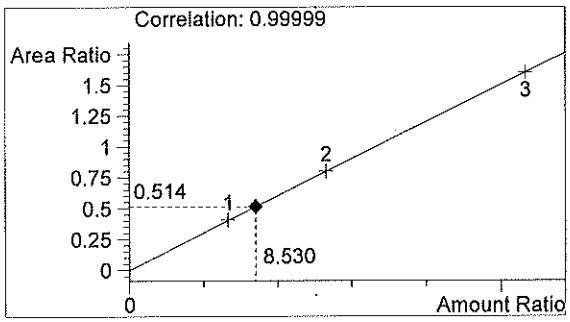
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/20/2017 1:26:19 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

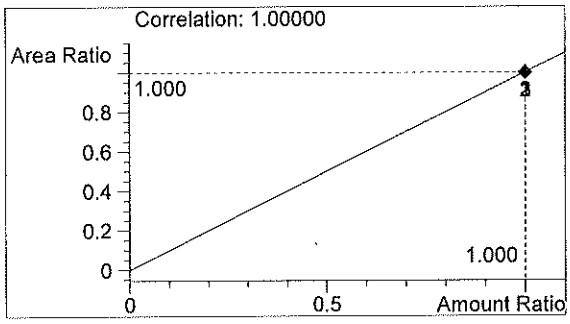
Sample Name: 0.10 CTRL
Operator: Katie Harris
Location: Vial 22



#	Compound	Peak Area	RT (min)
1	Ethanol	1465	1.093
2	n-Propanol	2849	1.769



Ethanol 0.102 g/100mL

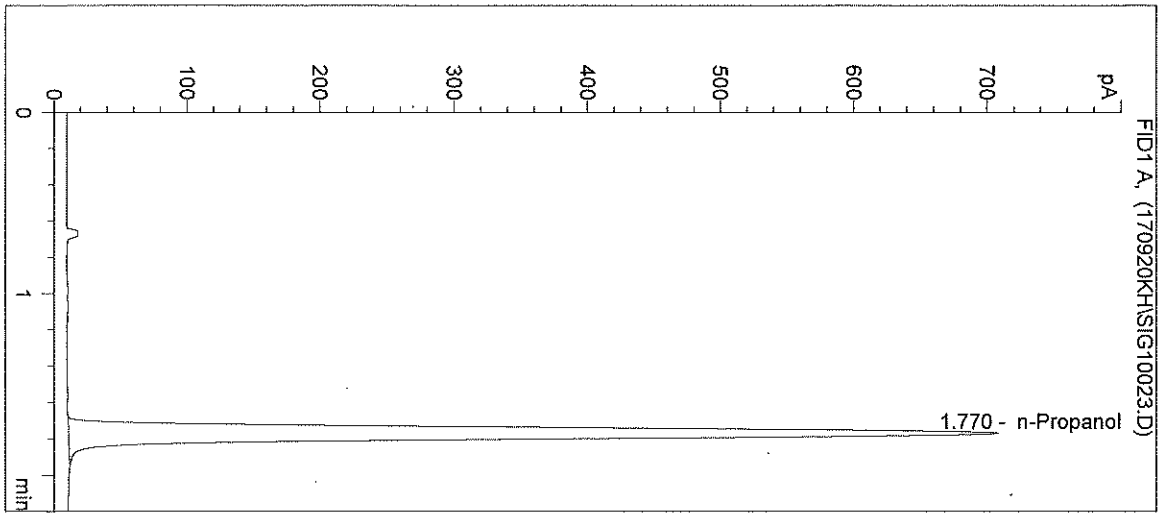


n-Propanol 0.012 g/100mL

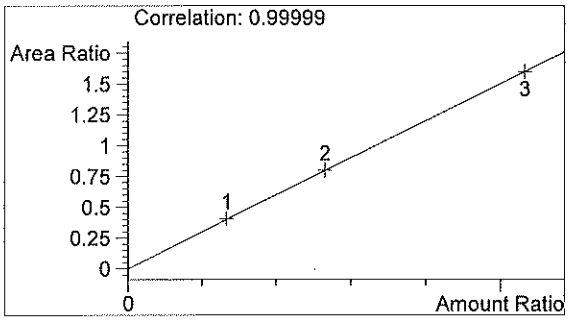
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/20/2017 1:29:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

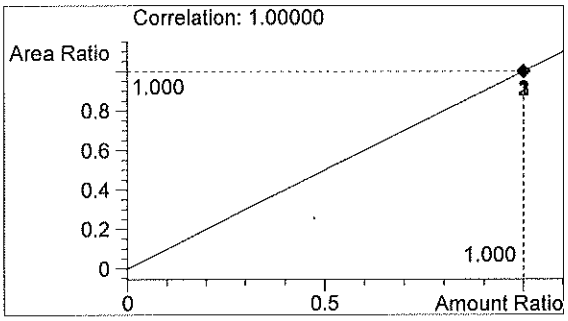
Sample Name: NEG CTRL
Operator: Katie Harris
Location: Vial 23



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2887	1.770



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Sequence Parameters:

Operator:	Rebecca Flaherty
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:	170921RF
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0717-01 - Exp. 01/27/2018
Ethanol Calibrator 2, E0717-02 - Exp. 01/27/2018
Ethanol Calibrator 3, E0717-03 - Exp. 01/27/2018

CTRL1 (0.04g/100mL), Lot # FN12181501 - Exp. 12/2020
CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
CTRL3 (0.20g/100mL), Lot # FN08101505 - Exp. 02/2021

Internal Standard Lot#P0717 - Exp. 10/20/2017

Diluter #1

Calibration data filed with batch 17059.

17059

10/9/17

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	17059 #1	SIMALC1	1	Sample		
11	Vial 11	17059 #2	SIMALC1	1	Sample		
12	Vial 12	17059 #3	SIMALC1	1	Sample		
13	Vial 13	17059 #4	SIMALC1	1	Sample		
14	Vial 14	17059 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		

RF

Calibration Part:

Sequence: C:\HPCHEM\1\SEQUENCE\RFEXTSTD.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!

17059

RF 10/9/17

~~17022 RF~~ SG 10/9/17 RF

Calibration Table

Calib. Data Modified : Thursday, September 21, 2017 3:38:43 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

17059
PST
10/9/17

Signal 1: FID1 A,

RetTime [min]	Sig	Lvl	Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.093	1	1	7.99000e-2	1124.87146	7.10303e-5	1		Ethanol
		2	1.59490e-1	2198.74609	7.25368e-5			
		3	3.19580e-1	4377.23389	7.30096e-5			
1.768	1	1	1.20000e-2	2776.36523	4.32220e-6	I1		n-Propanol
		2	1.20000e-2	2748.47192	4.36606e-6			
		3	1.20000e-2	2739.75854	4.37995e-6			

Peak Sum Table

No Entries in table

RF

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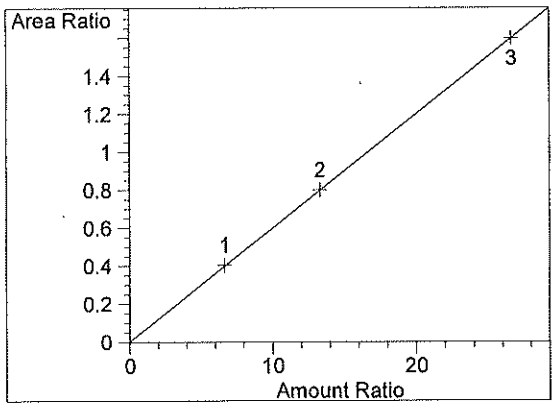
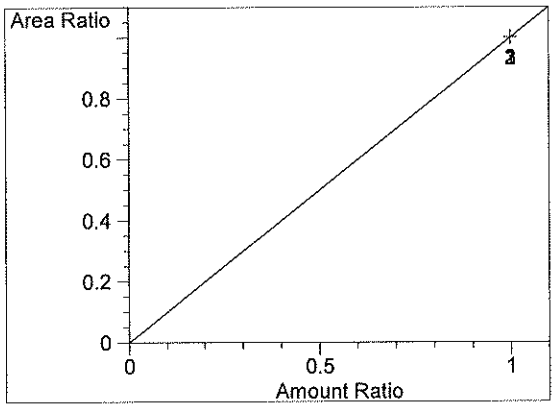
Calibration Curves

==========



Ethanol at exp. RT: 1.093
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00322
Formula: y = mx + b
m: 5.99292e-2
b: 2.81745e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.768
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

==========

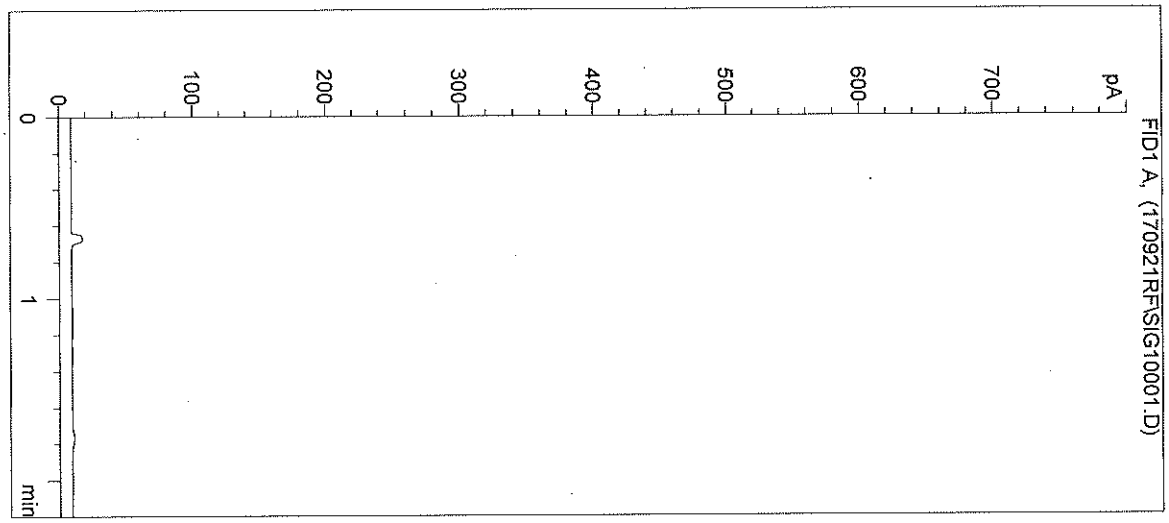
17059
10/9/17

RF

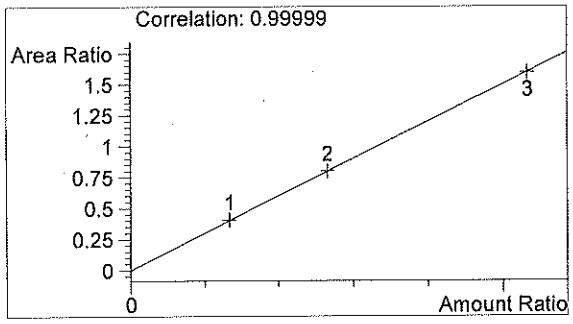
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/21/2017 3:26:37 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

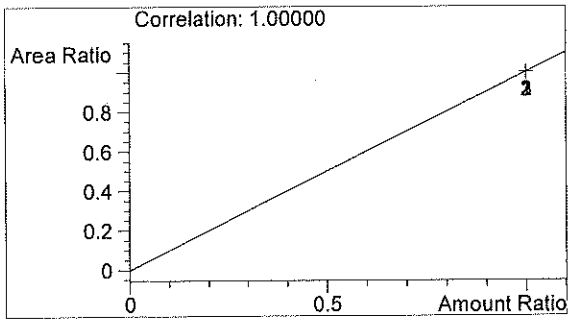
Sample Name: BLANK
Operator: Rebecca Flaherty
Location: Vial 1



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



Ethanol 0.000 g/100mL

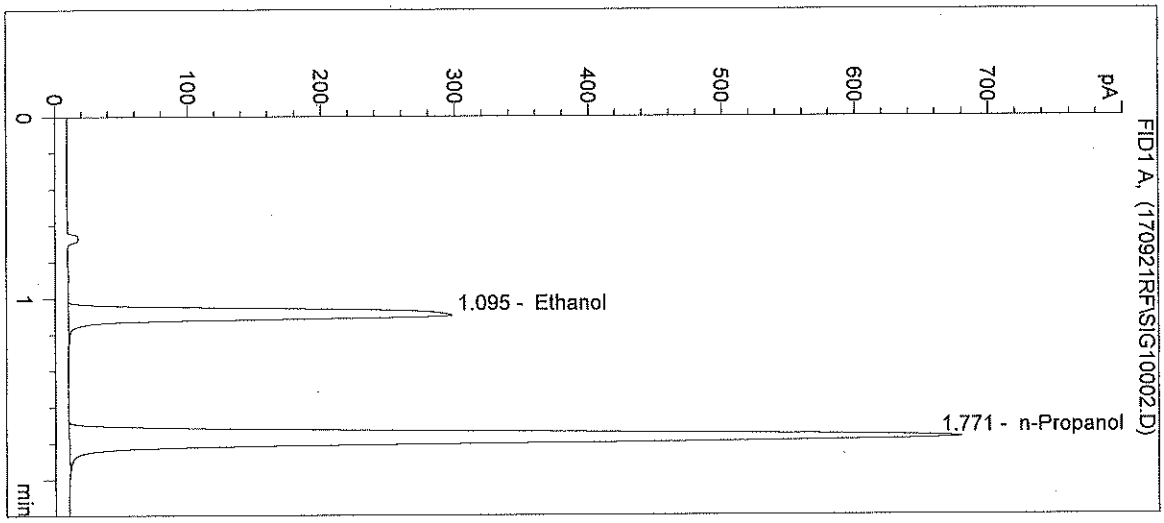


n-Propanol 0.000 g/100mL

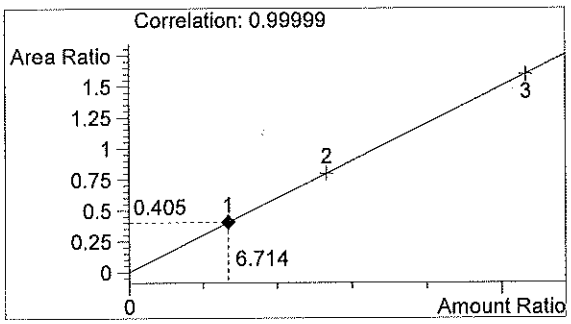
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/21/2017 3:29:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

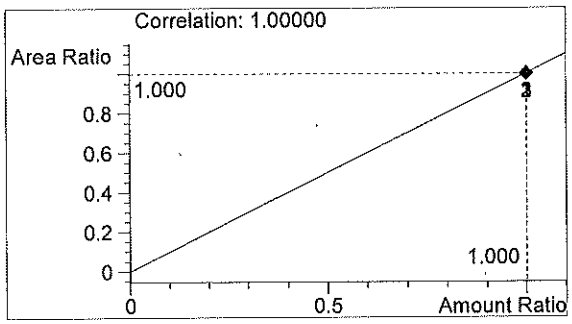
Sample Name: 0.079 CAL 1
Operator: Rebecca Flaherty
Location: Vial 2



#	Compound	Peak Area	RT (min)
1	Ethanol	1125	1.095
2	n-Propanol	2776	1.771



Ethanol 0.081 g/100mL

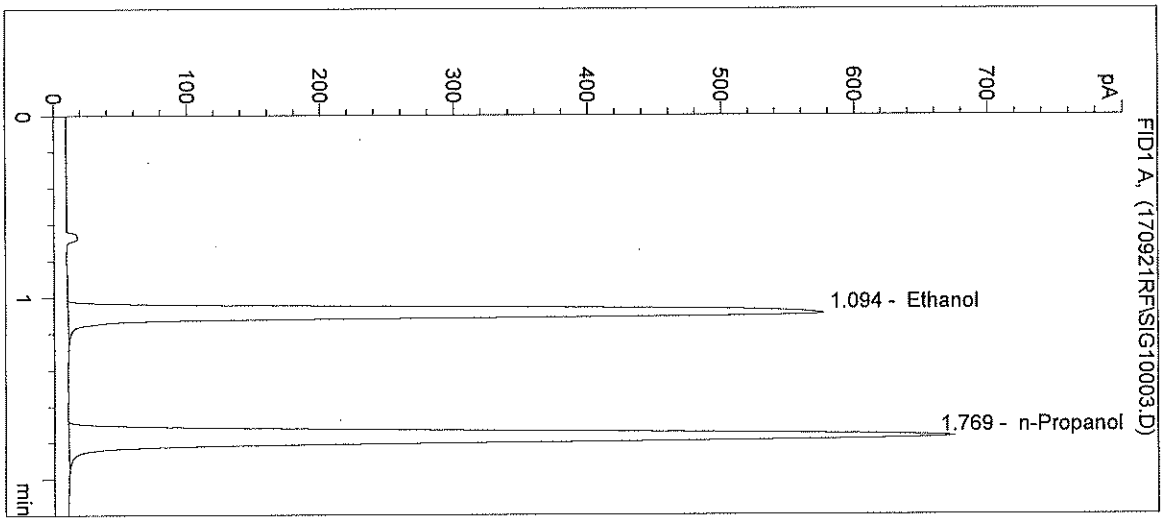


n-Propanol 0.012 g/100mL

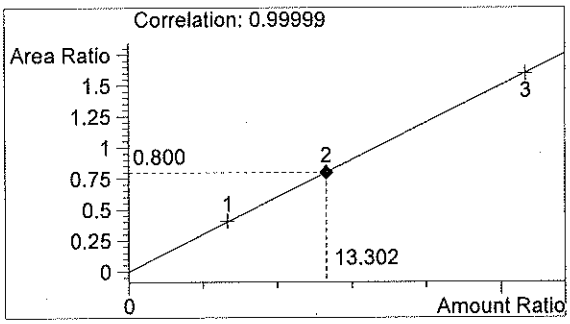
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/21/2017 3:33:13 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

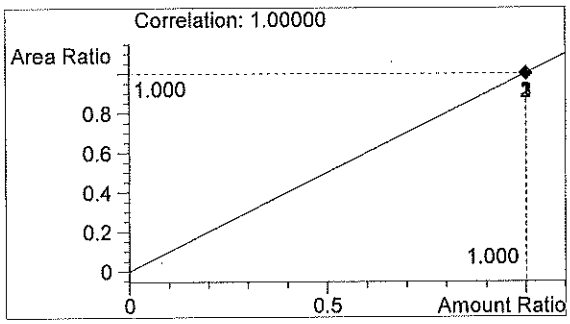
Sample Name: 0.158 CAL 2
Operator: Rebecca Flaherty
Location: Vial 3



#	Compound	Peak Area	RT (min)
1	Ethanol	2199	1.094
2	n-Propanol	2748	1.769



Ethanol 0.160 g/100mL

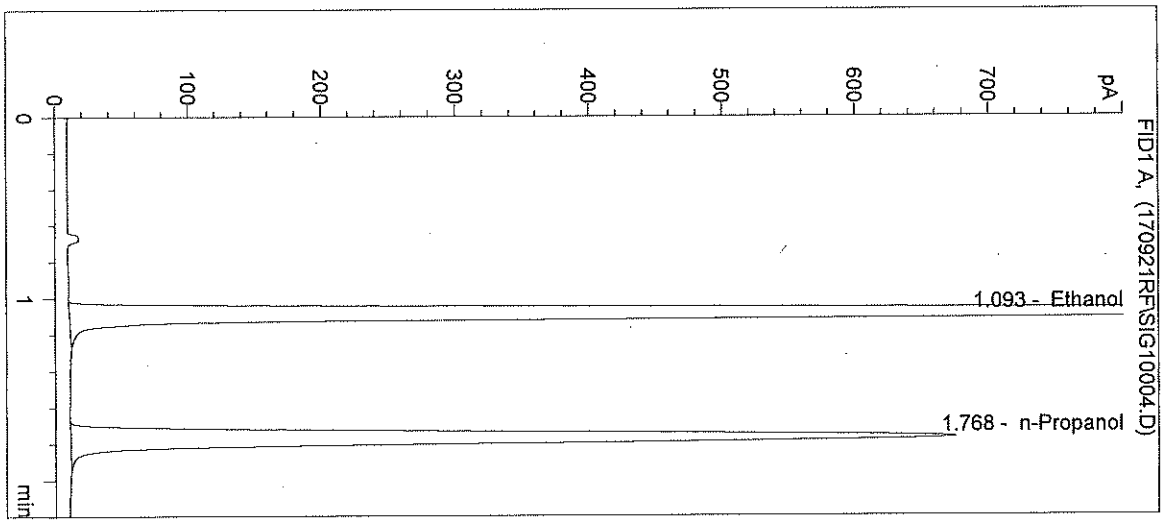


n-Propanol 0.012 g/100mL

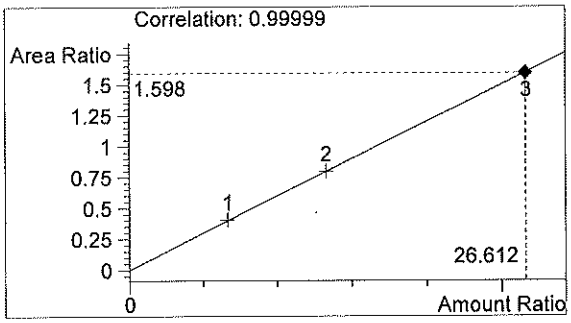
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/21/2017 3:36:30 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

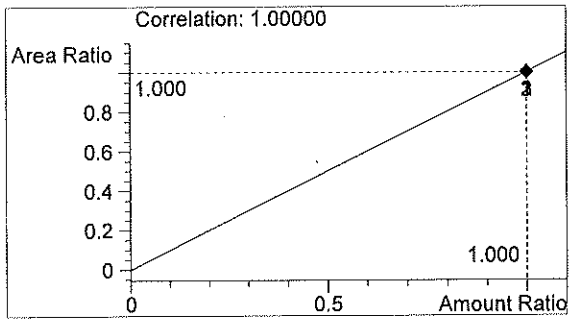
Sample Name: 0.316 CAL 3
Operator: Rebecca Flaherty
Location: Vial 4



#	Compound	Peak Area	RT (min)
1	Ethanol	4377	1.093
2	n-Propanol	2740	1.768



Ethanol 0.319 g/100mL



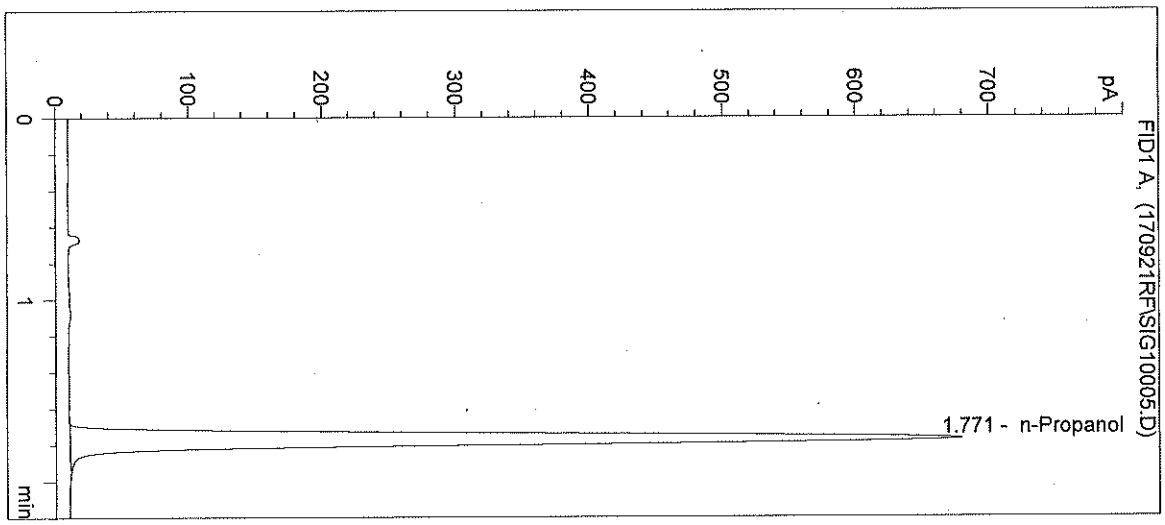
n-Propanol 0.012 g/100mL

RF

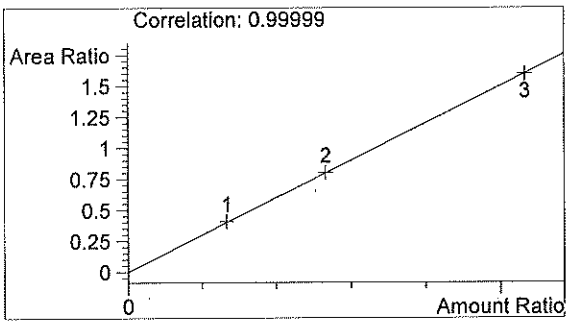
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/21/2017 3:39:43 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

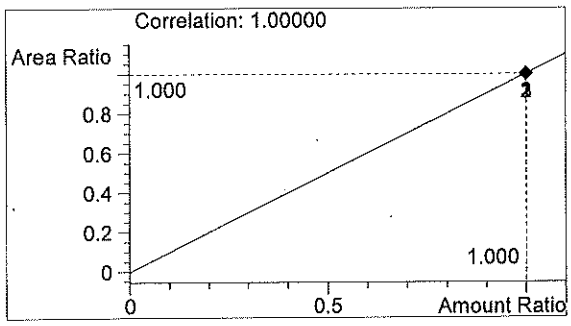
Sample Name: NEG CTRL
Operator: Rebecca Flaherty
Location: Vial 5



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2787	1.771



Ethanol 0.000 g/100mL

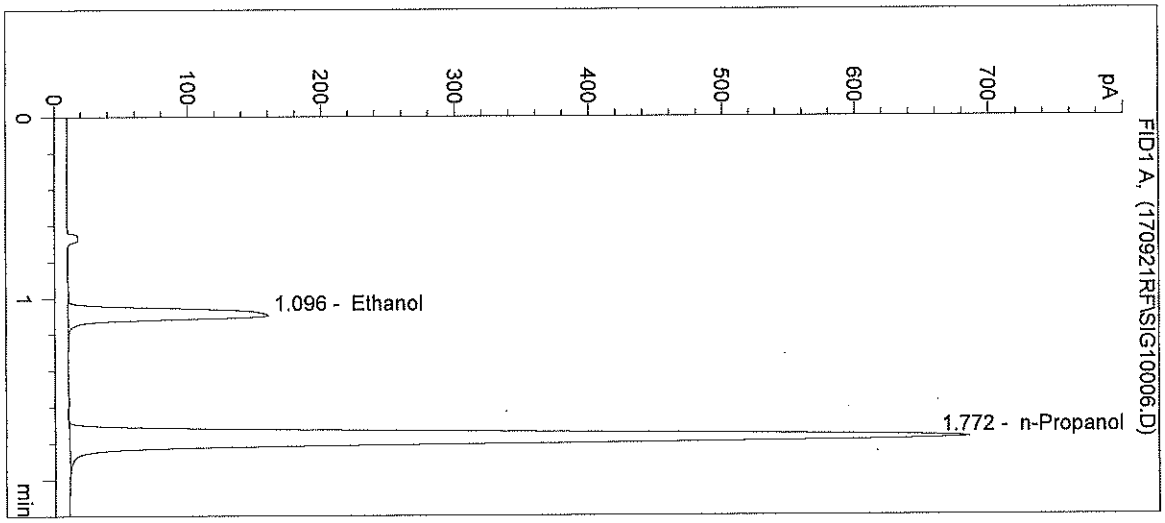


n-Propanol 0.012 g/100mL

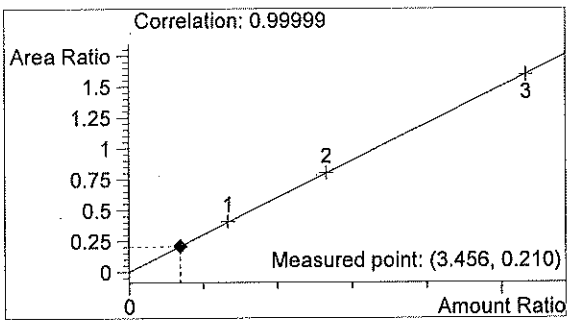
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/21/2017 3:42:56 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

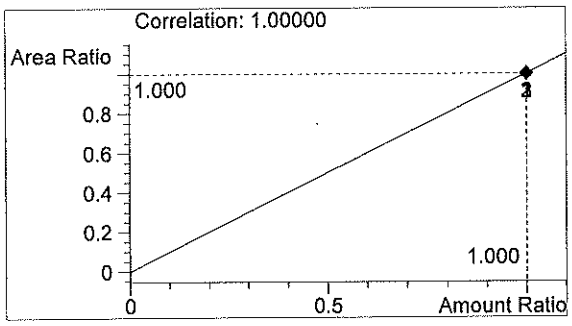
Sample Name: 0.04 CTRL
Operator: Rebecca Flaherty
Location: Vial 6



#	Compound	Peak Area	RT (min)
1	Ethanol	595	1.096
2	n-Propanol	2834	1.772



Ethanol 0.041 g/100mL

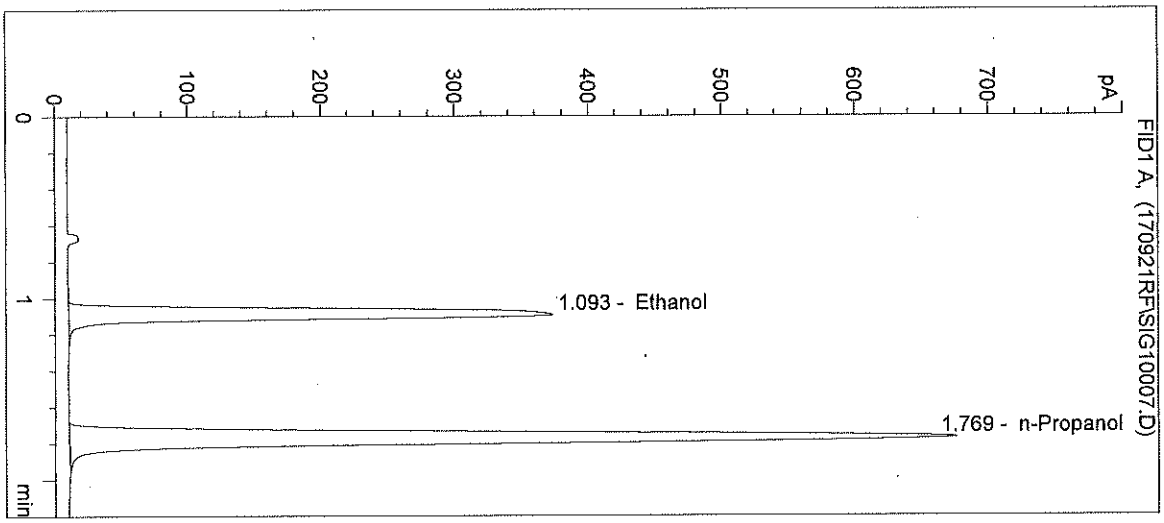


n-Propanol 0.012 g/100mL

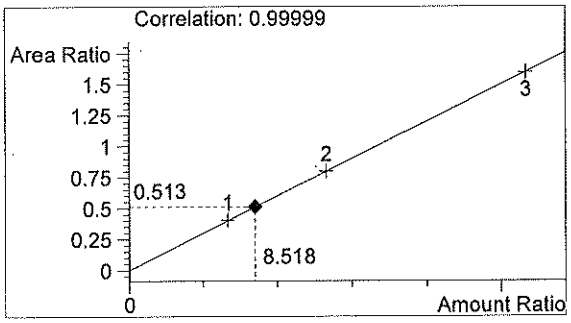
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/21/2017 3:46:10 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

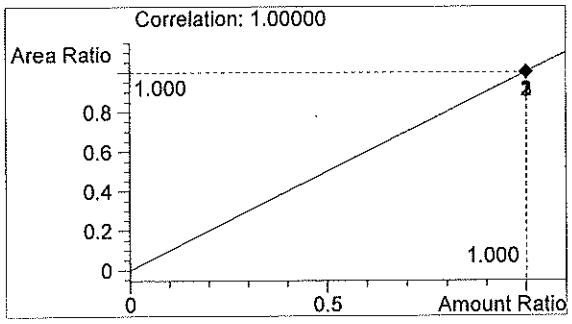
Sample Name: 0.10 CTRL
Operator: Rebecca Flaherty
Location: Vial 7



#	Compound	Peak Area	RT (min)
1	Ethanol	1413	1.093
2	n-Propanol	2752	1.769



Ethanol 0.102 g/100mL



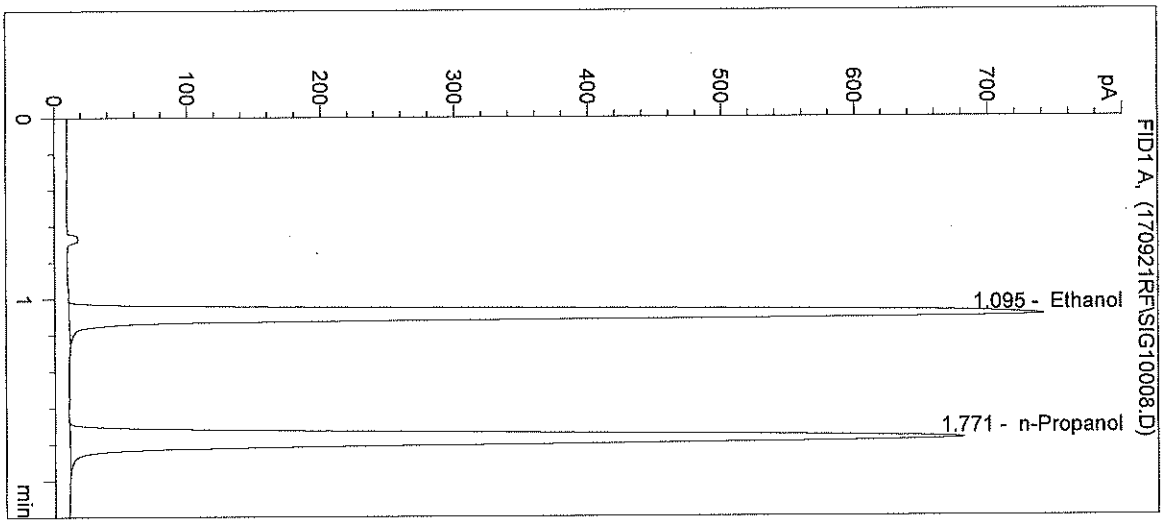
n-Propanol 0.012 g/100mL

RF

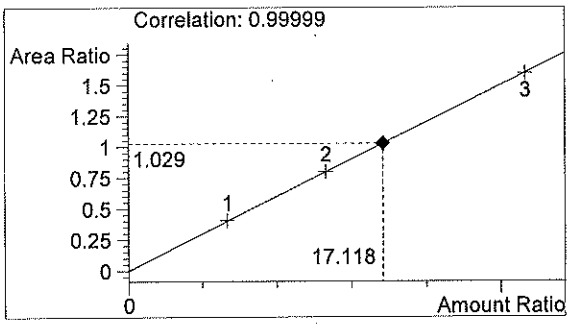
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/21/2017 3:49:23 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

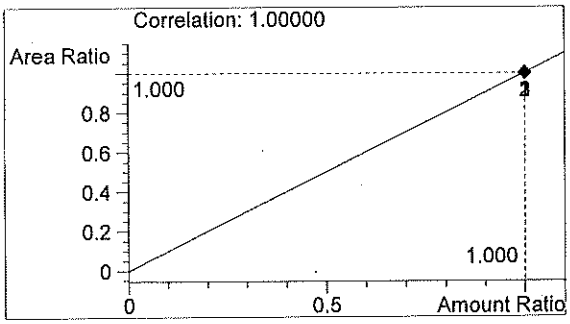
Sample Name: 0.20 CTRL
Operator: Rebecca Flaherty
Location: Vial 8



#	Compound	Peak Area	RT (min)
1	Ethanol	2882	1.095
2	n-Propanol	2801	1.771



Ethanol 0.205 g/100mL



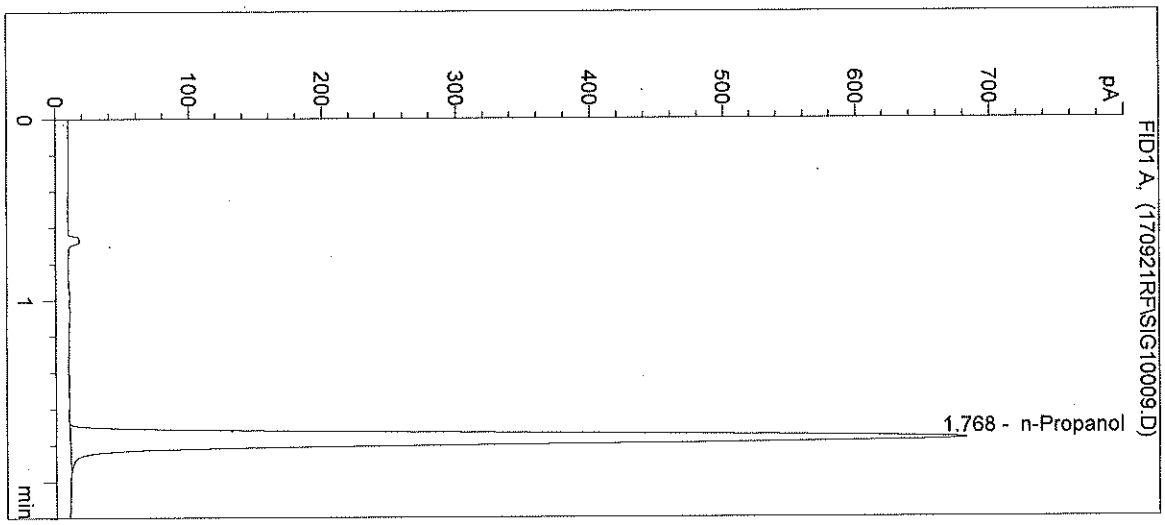
n-Propanol 0.012 g/100mL

RF

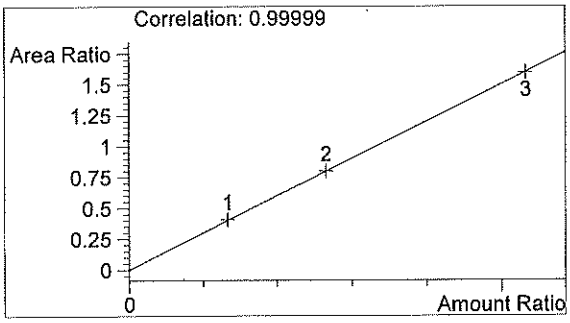
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/21/2017 3:52:36 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

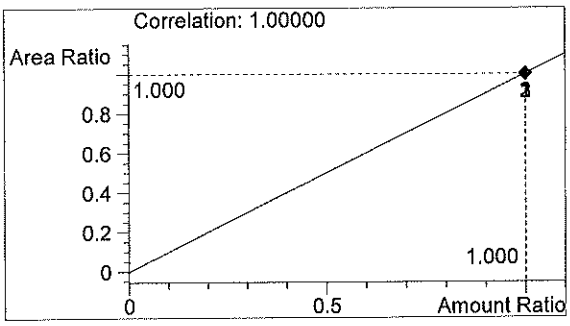
Sample Name: NEG CTRL
Operator: Rebecca Flaherty
Location: Vial 9



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2769	1.768



Ethanol 0.000 g/100mL



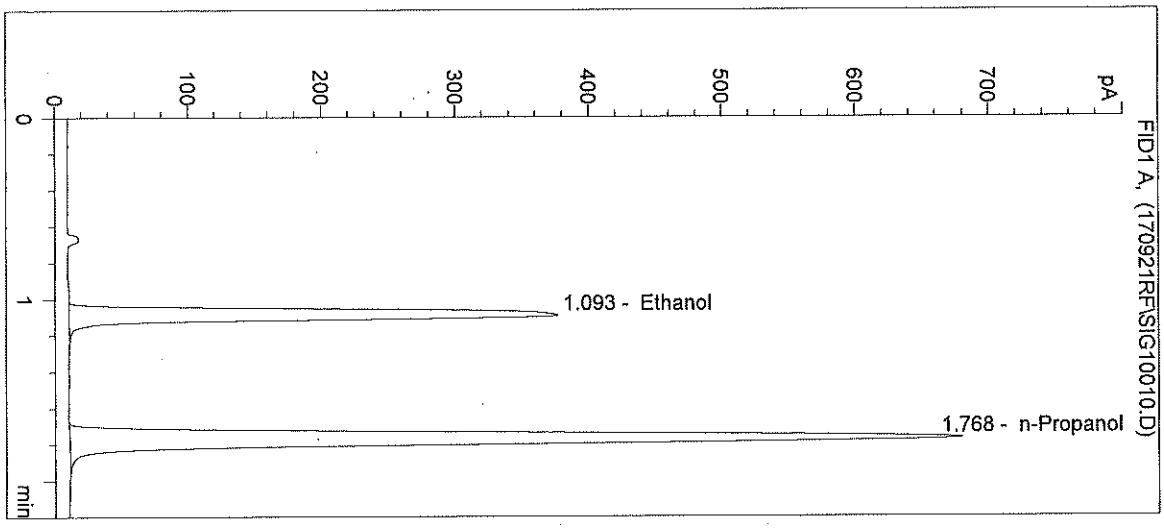
n-Propanol 0.012 g/100mL

RF

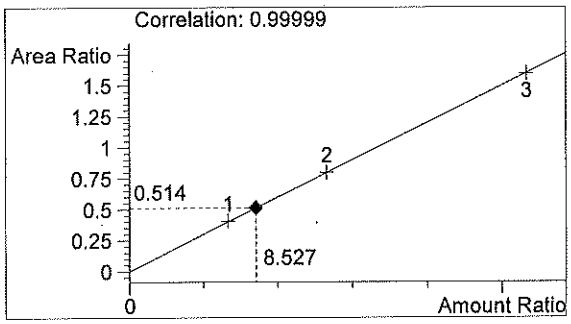
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/21/2017 3:55:50 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

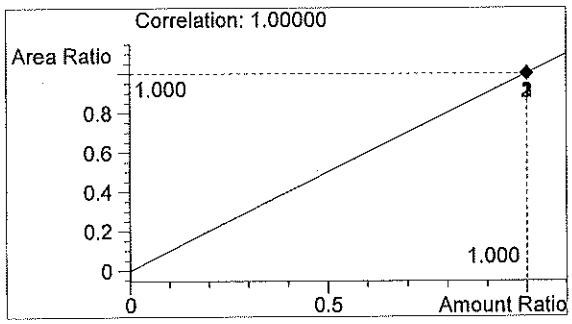
Sample Name: 17059 #1
Operator: Rebecca Flaherty
Location: Vial 10



#	Compound	Peak Area	RT (min)
1	Ethanol	1421	1.093
2	n-Propanol	2766	1.768



Ethanol 0.102 g/100mL

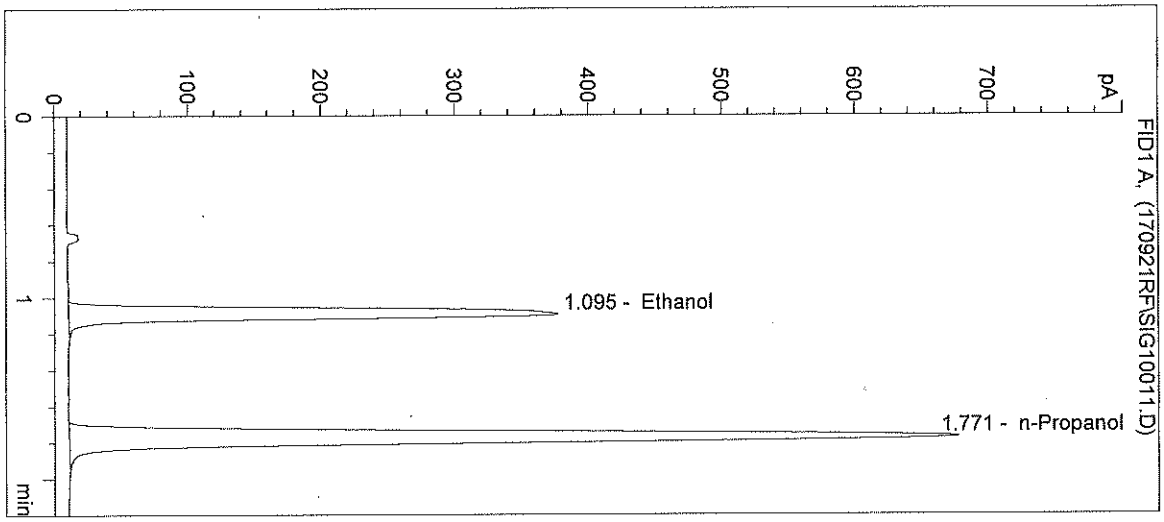


n-Propanol 0.012 g/100mL

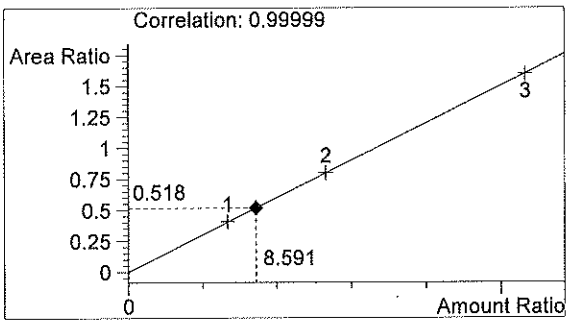
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/21/2017 3:59:03 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

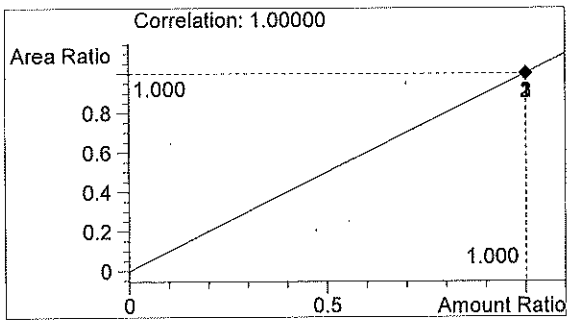
Sample Name: 17059 #2
Operator: Rebecca Flaherty
Location: Vial 11



#	Compound	Peak Area	RT (min)
1	Ethanol	1442	1.095
2	n-Propanol	2785	1.771



Ethanol 0.103 g/100mL

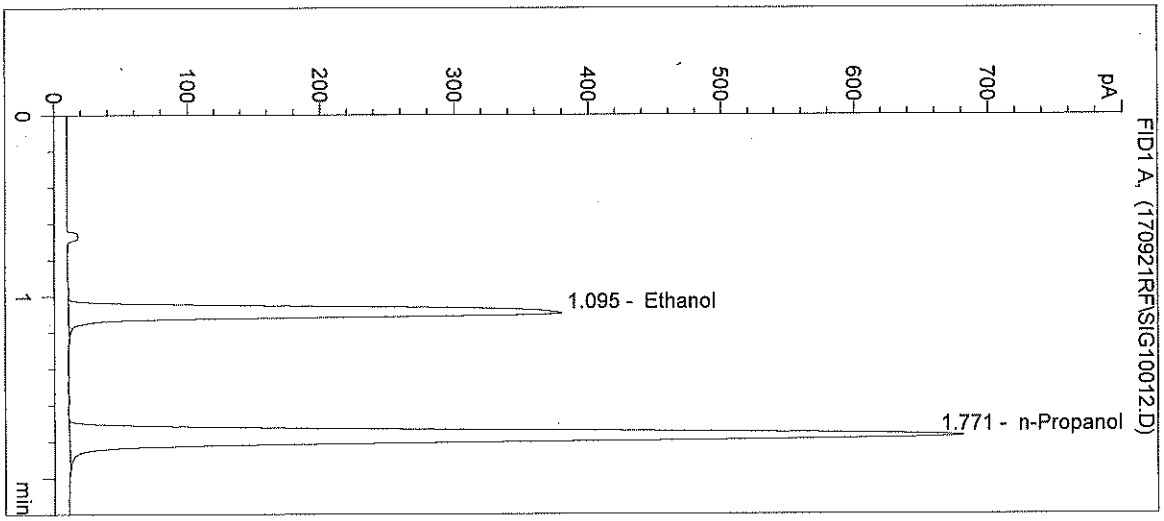


n-Propanol 0.012 g/100mL

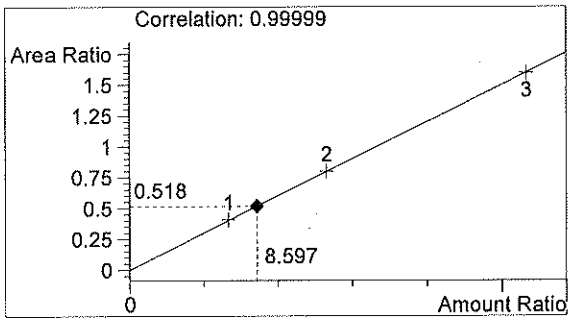
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/21/2017 4:02:16 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

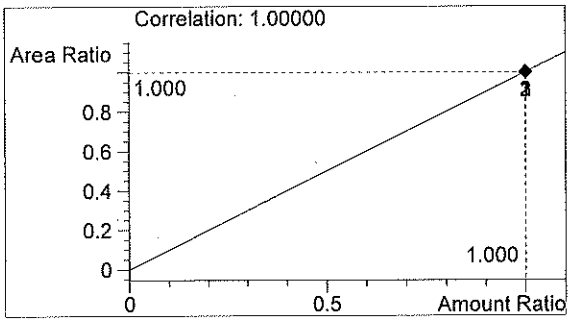
Sample Name: 17059 #3
Operator: Rebecca Flaherty
Location: Vial 12



#	Compound	Peak Area	RT (min)
1	Ethanol	1448	1.095
2	n-Propanol	2796	1.771



Ethanol 0.103 g/100mL

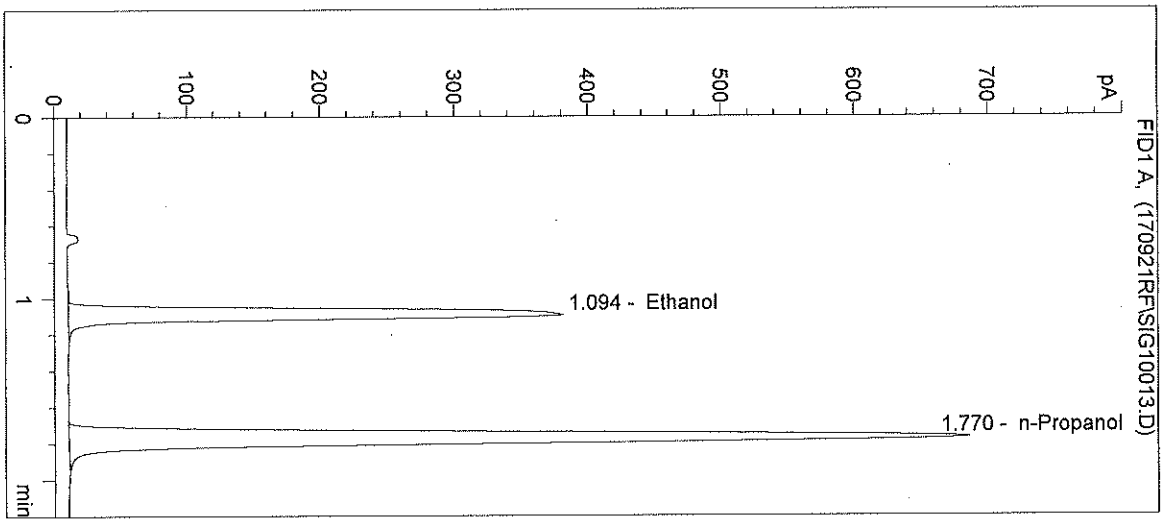


n-Propanol 0.012 g/100mL

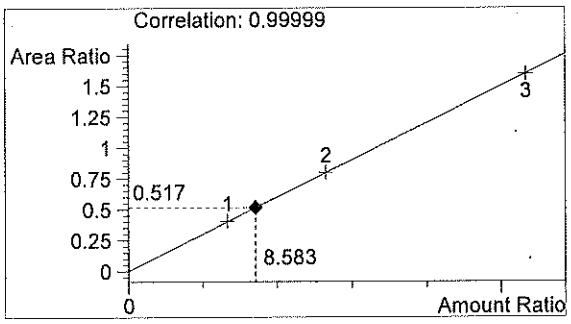
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/21/2017 4:05:29 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

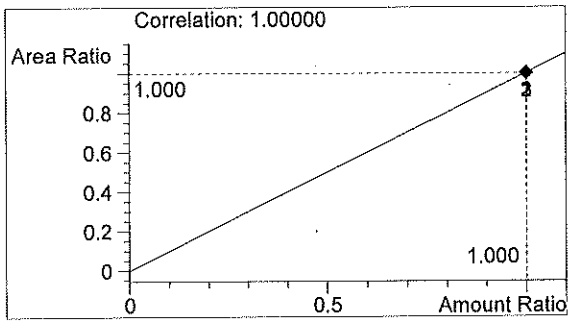
Sample Name: 17059 #4
Operator: Rebecca Flaherty
Location: Vial 13



#	Compound	Peak Area	RT (min)
1	Ethanol	1450	1.094
2	n-Propanol	2803	1.770



Ethanol 0.103 g/100mL

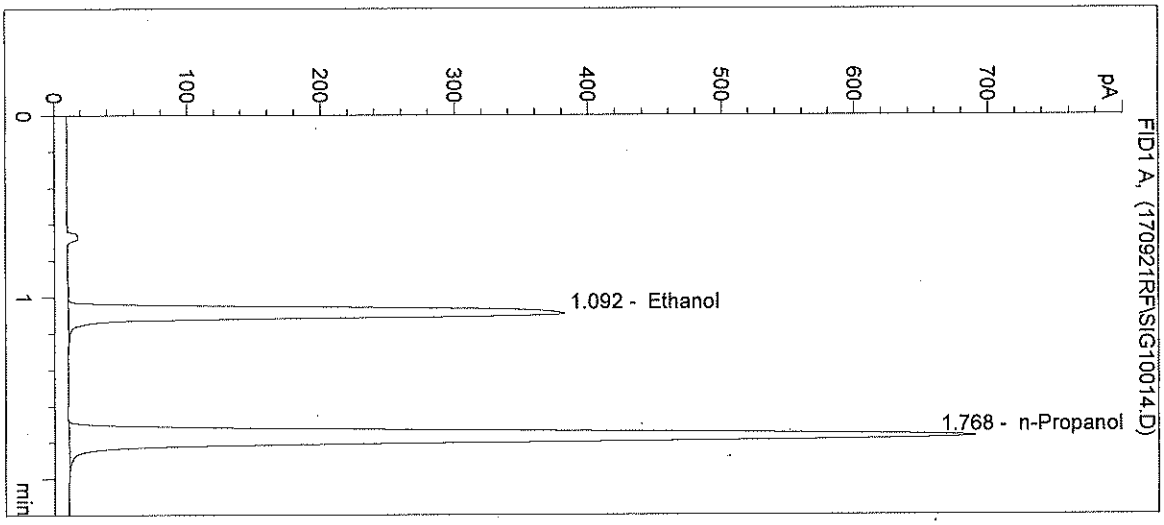


n-Propanol 0.012 g/100mL

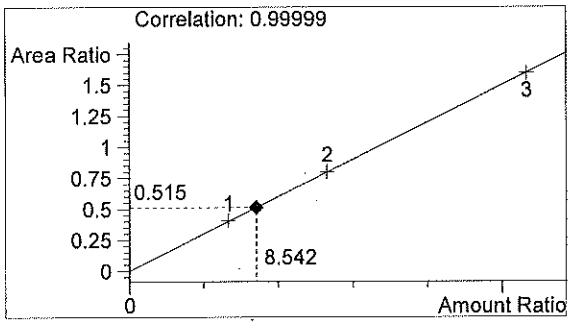
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/21/2017 4:08:43 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

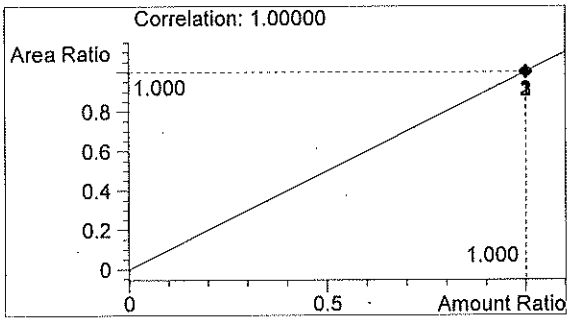
Sample Name: 17059 #5
Operator: Rebecca Flaherty
Location: Vial 14



#	Compound	Peak Area	RT (min)
1	Ethanol	1440	1.092
2	n-Propanol	2798	1.768



Ethanol 0.103 g/100mL

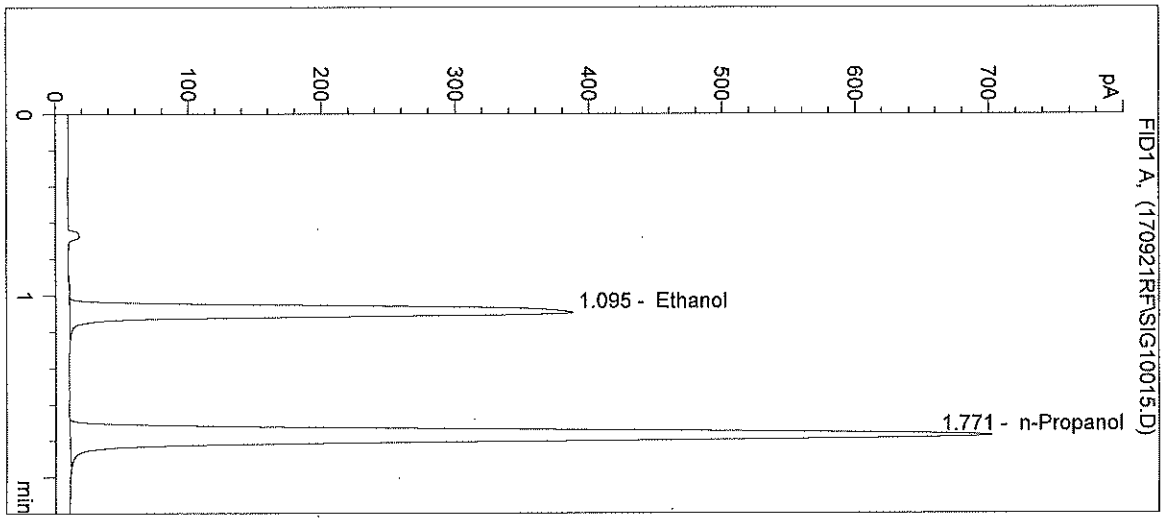


n-Propanol 0.012 g/100mL

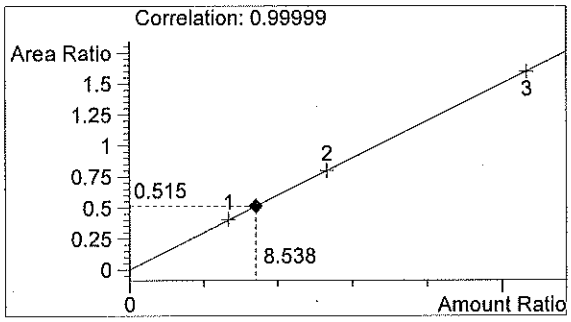
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/21/2017 4:11:56 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

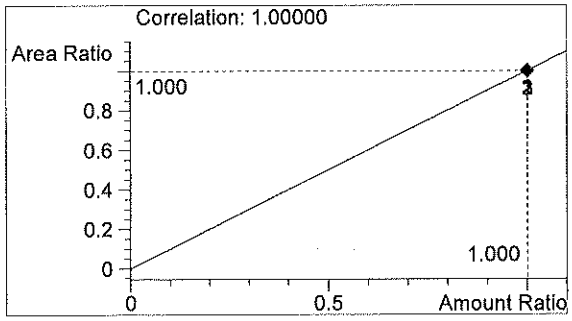
Sample Name: 0.10 CTRL
Operator: Rebecca Flaherty
Location: Vial 15



#	Compound	Peak Area	RT (min)
1	Ethanol	1483	1.095
2	n-Propanol	2883	1.771



Ethanol 0.102 g/100mL

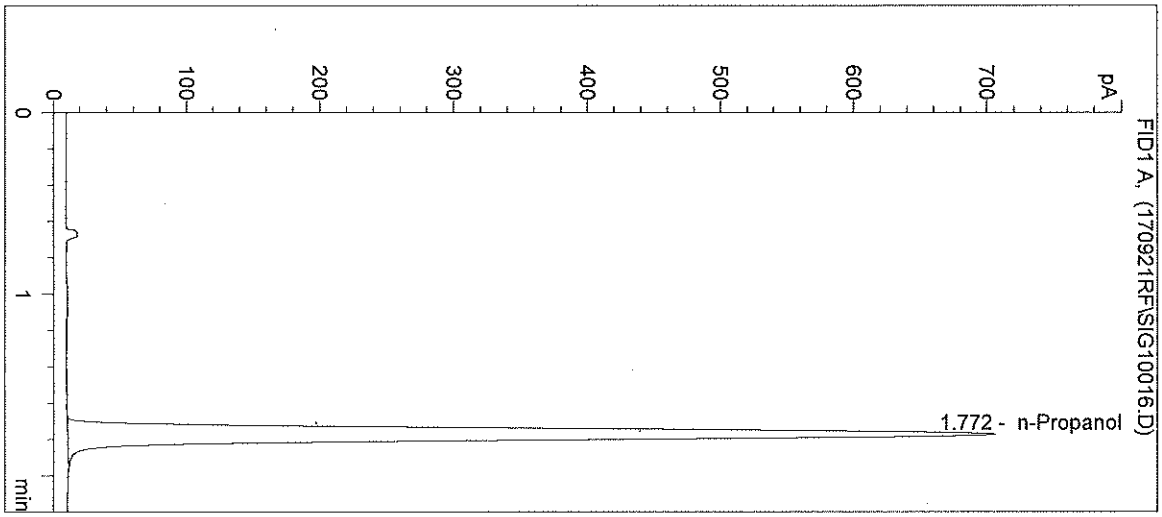


n-Propanol 0.012 g/100mL

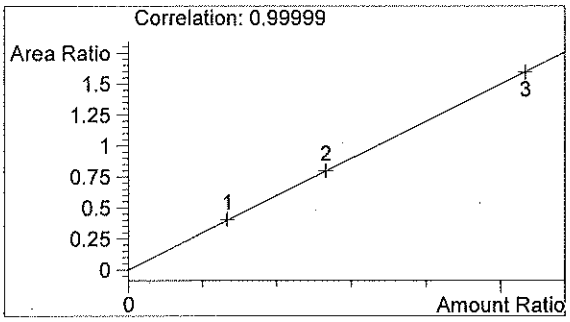
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/21/2017 4:15:09 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

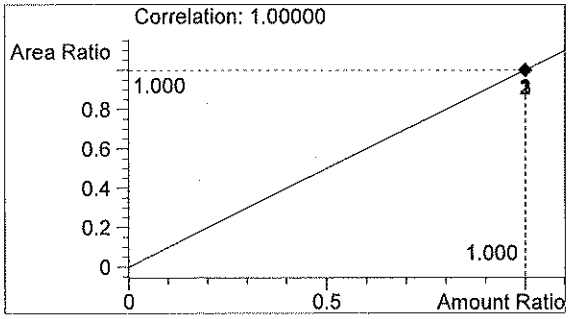
Sample Name: NEG CTRL
Operator: Rebecca Flaherty
Location: Vial 16



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2916	1.772



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Sequence Parameters:

Operator:	Elizabeth Wehner
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:	170925EW
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0717-01 - Exp. 01/27/2018
Ethanol Calibrator 2, E0717-02 - Exp. 01/27/2018
Ethanol Calibrator 3, E0717-03 - Exp. 01/27/2018
CTRL1 (0.04g/100mL), Lot # FN12181501 - Exp. 12/2020
CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
CTRL3 (0.20g/100mL), Lot # FN08101505 - Exp. 02/2021
Internal Standard Lot#P0717 - Exp. 10/20/2017

Calibration vials 1-9 filed with 17058.

Diluter #1.

17059

10/26/17

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	17058-1	SIMALC1	1	Sample		
11	Vial 11	17058-2	SIMALC1	1	Sample		
12	Vial 12	17058-3	SIMALC1	1	Sample		
13	Vial 13	17058-4	SIMALC1	1	Sample		
14	Vial 14	17058-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	17059-1	SIMALC1	1	Sample		
18	Vial 18	17059-2	SIMALC1	1	Sample		
19	Vial 19	17059-3	SIMALC1	1	Sample		
20	Vial 20	17059-4	SIMALC1	1	Sample		
21	Vial 21	17059-5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		

EW

Sequence: C:\HPCHEM\1\SEQUENCE\EW-ESS.S

Calibration Part:

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

Sequence Table (Back Injector):

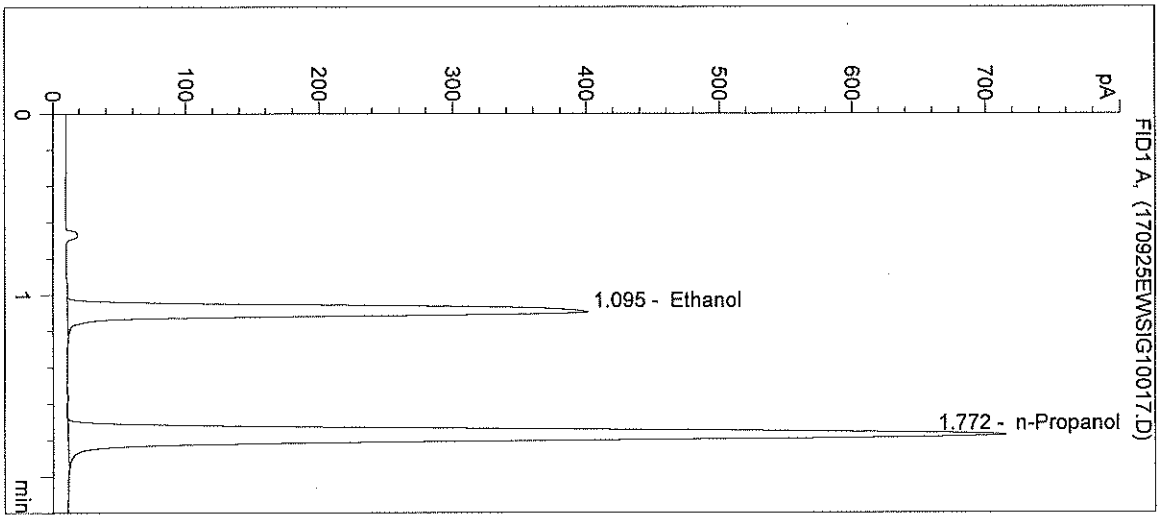
No entries - empty table!

17059

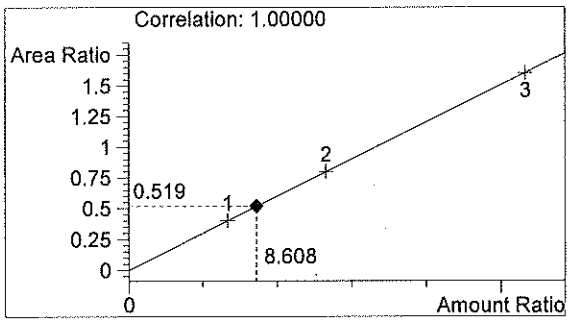
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/25/2017 1:06:42 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

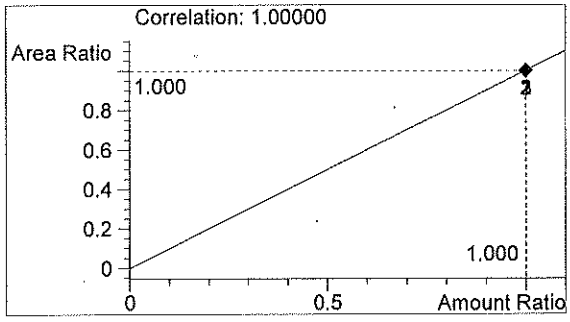
Sample Name: 17059-1
Operator: Elizabeth Wehner
Location: Vial 17



#	Compound	Peak Area	RT (min)
1	Ethanol	1510	1.095
2	n-Propanol	2912	1.772



Ethanol 0.103 g/100mL

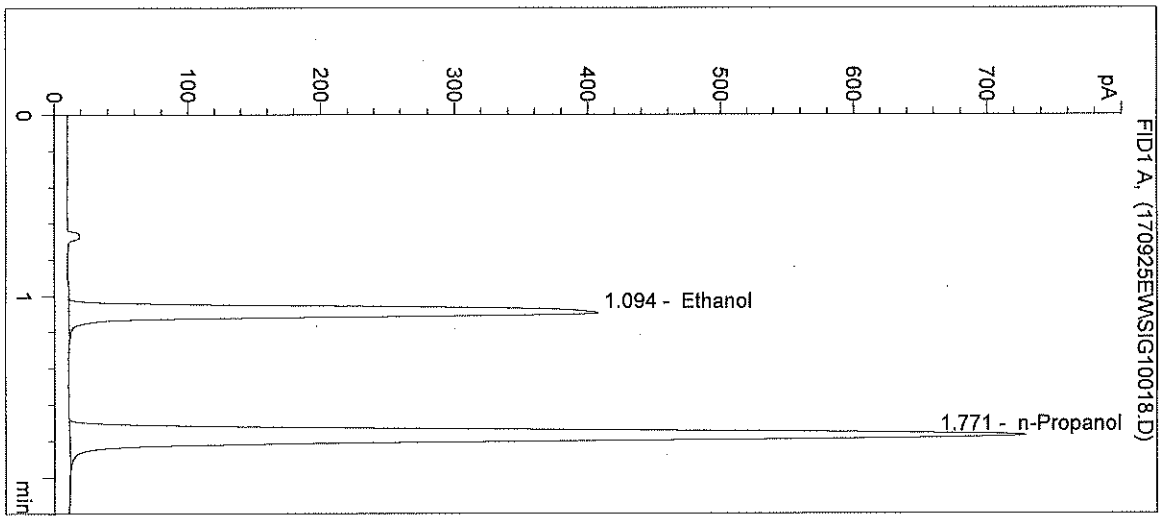


n-Propanol 0.012 g/100mL

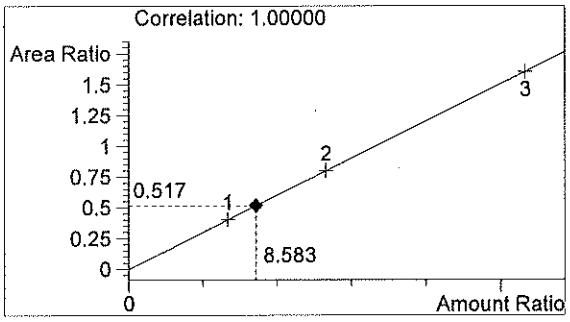
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/25/2017 1:09:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

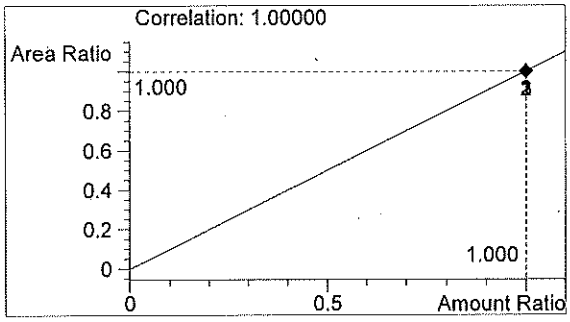
Sample Name: 17059-2
Operator: Elizabeth Wehner
Location: Vial 18



#	Compound	Peak Area	RT (min)
1	Ethanol	1518	1.094
2	n-Propanol	2935	1.771



Ethanol 0.103 g/100mL



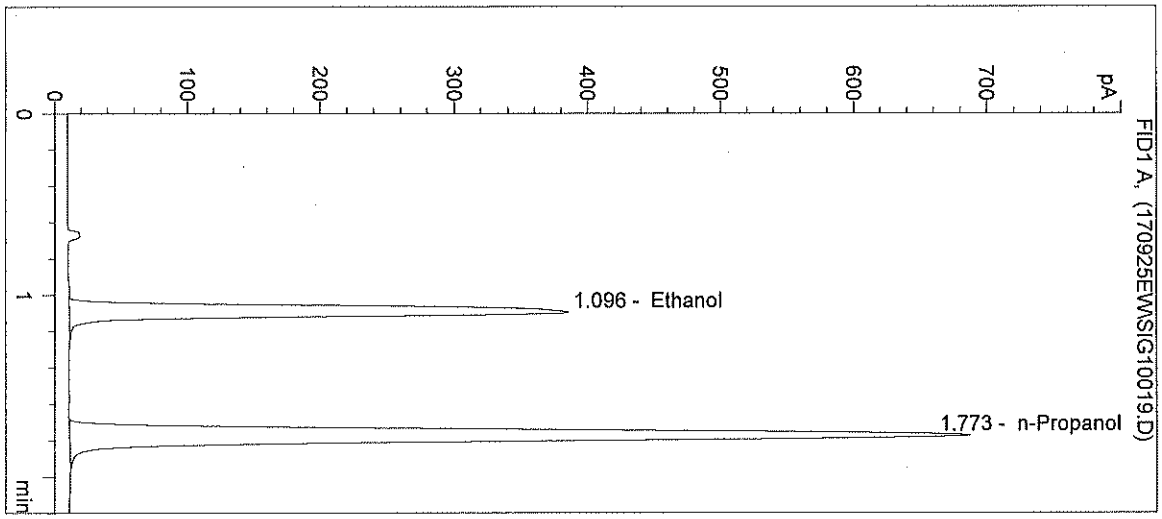
n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\170925EW\SIG10018.D

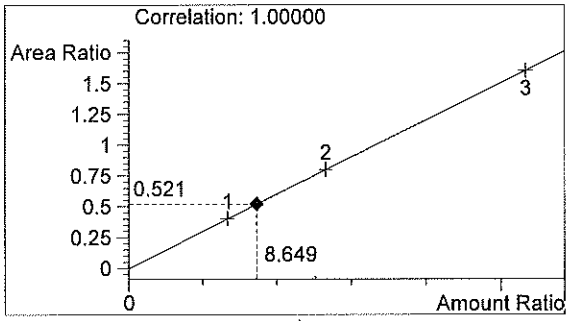
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/25/2017 1:13:08 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

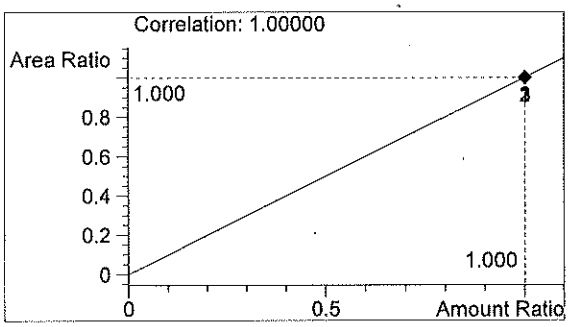
Sample Name: 17059-3
Operator: Elizabeth Wehner
Location: Vial 19



#	Compound	Peak Area	RT (min)
1	Ethanol	1469	1.096
2	n-Propanol	2819	1.773



Ethanol 0.104 g/100mL

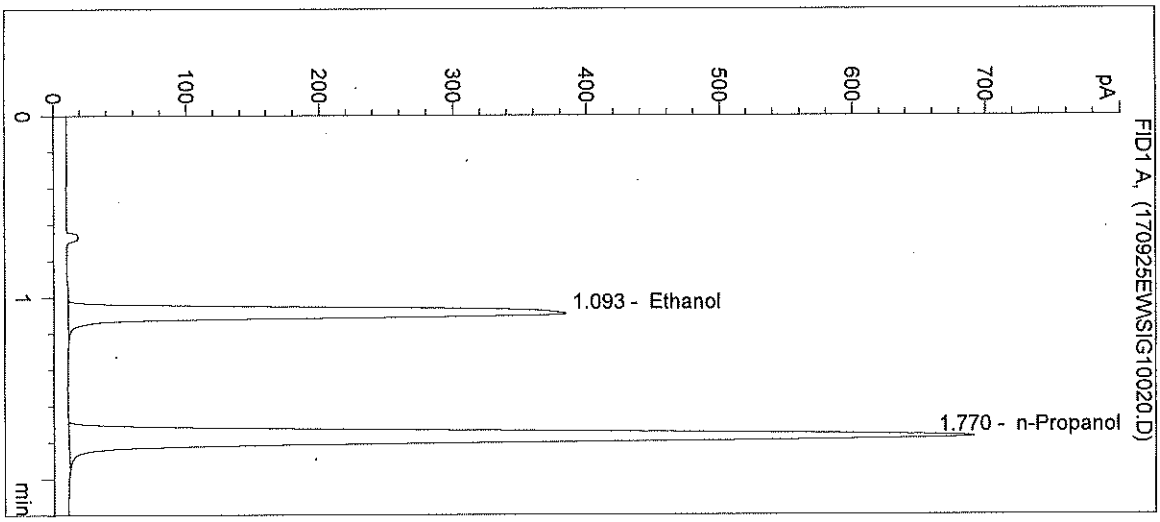


n-Propanol 0.012 g/100mL

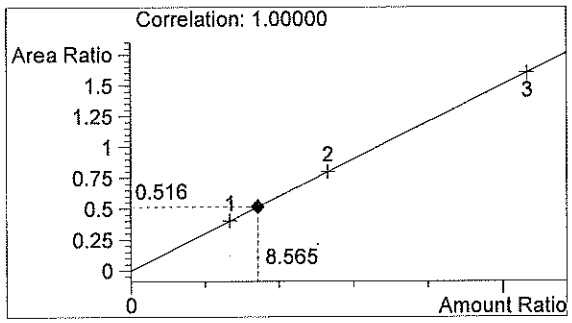
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/25/2017 1:16:22 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

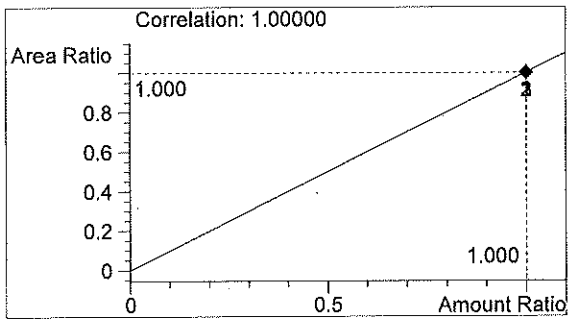
Sample Name: 17059-4
Operator: Elizabeth Wehner
Location: Vial 20



#	Compound	Peak Area	RT (min)
1	Ethanol	1440	1.093
2	n-Propanol	2790	1.770



Ethanol 0.103 g/100mL

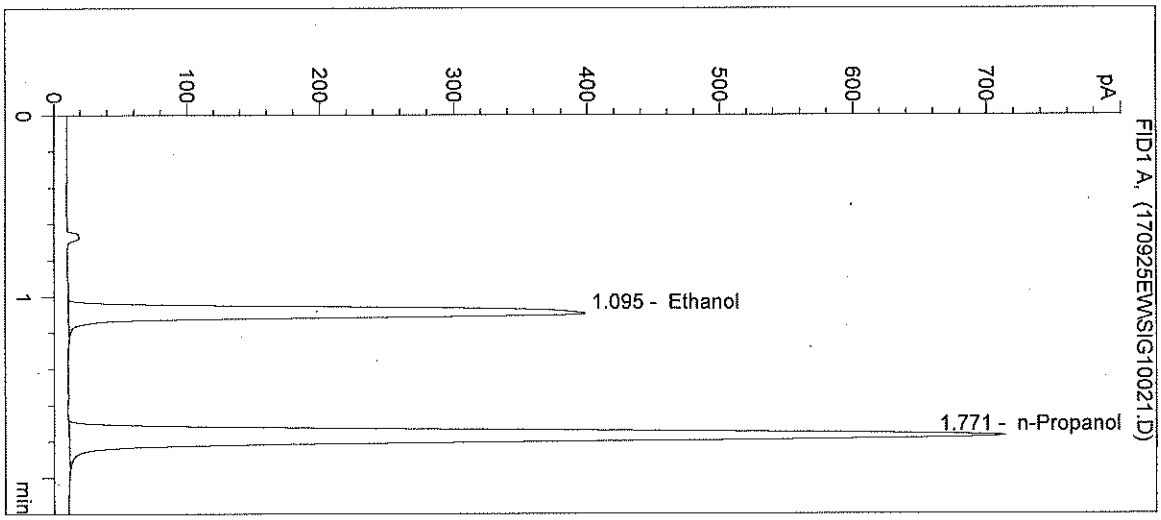


n-Propanol 0.012 g/100mL

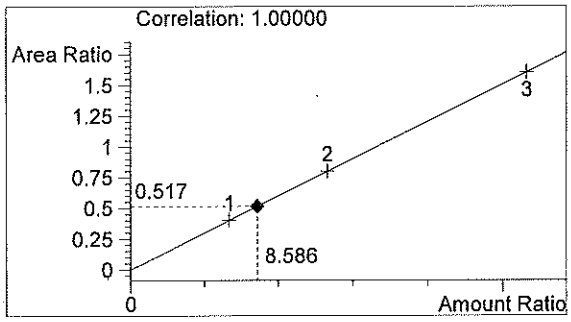
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/25/2017 1:19:36 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

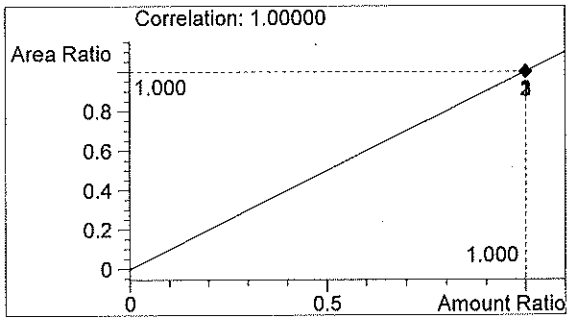
Sample Name: 17059-5
Operator: Elizabeth Wehner
Location: Vial 21



#	Compound	Peak Area	RT (min)
1	Ethanol	1503	1.095
2	n-Propanol	2905	1.771



Ethanol 0.103 g/100mL

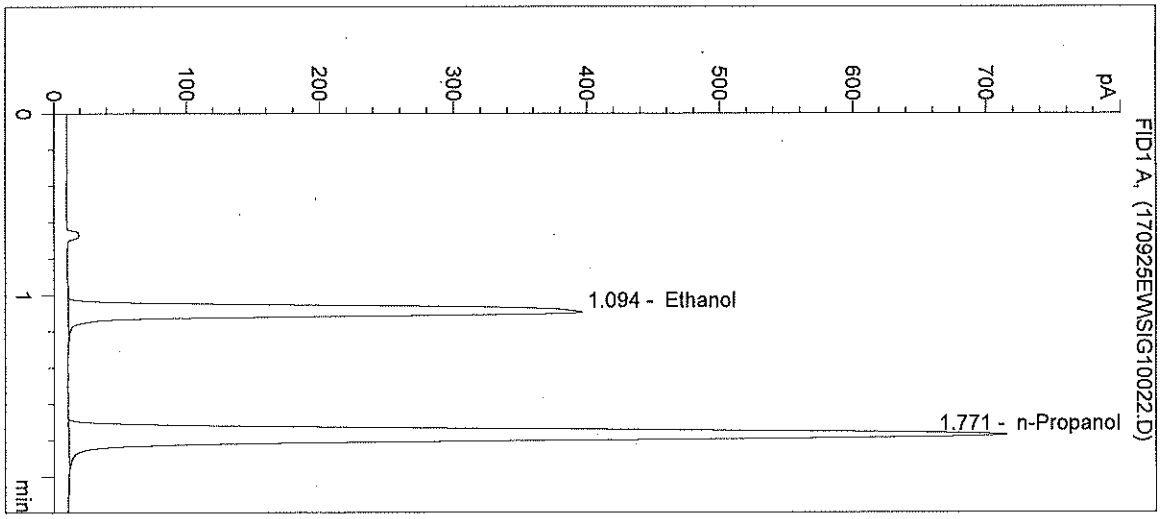


n-Propanol 0.012 g/100mL

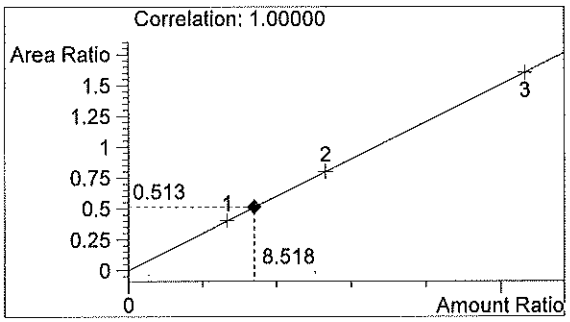
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/25/2017 1:22:48 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

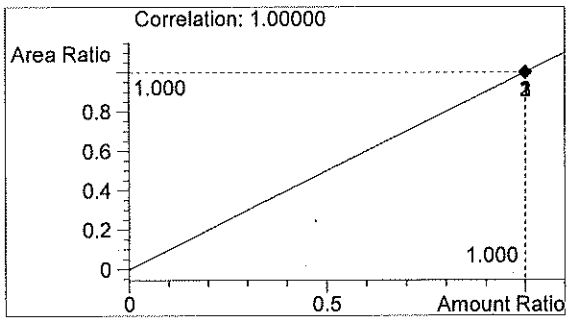
Sample Name: 0.10 CTRL
Operator: Elizabeth Wehner
Location: Vial 22



#	Compound	Peak Area	RT (min)
1	Ethanol	1489	1.094
2	n-Propanol	2903	1.771



Ethanol 0.102 g/100mL

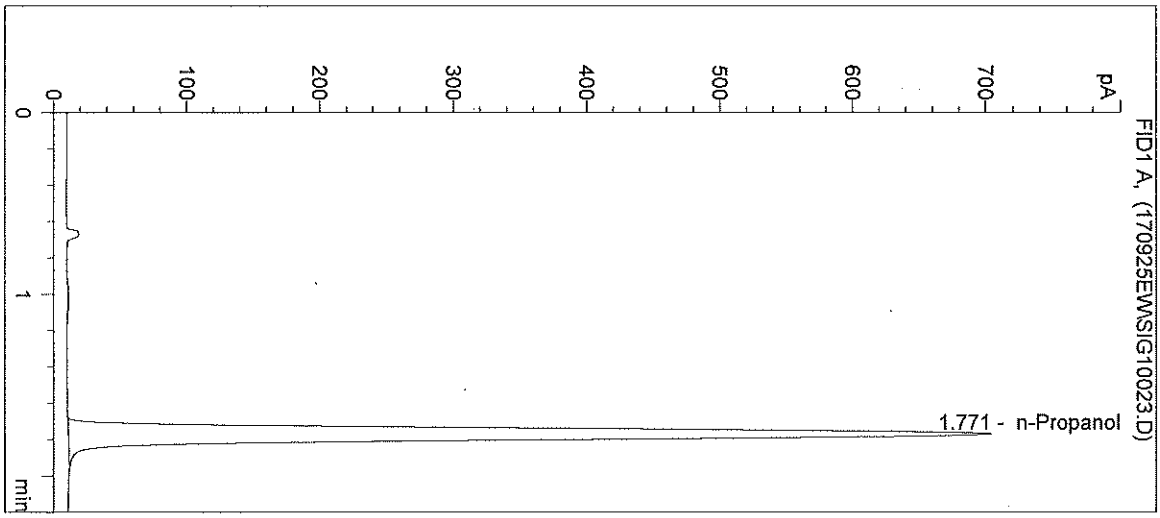


n-Propanol 0.012 g/100mL

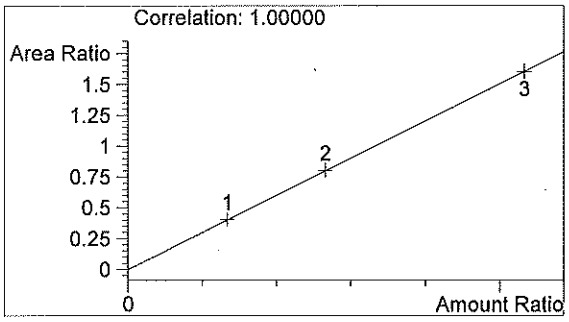
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/25/2017 1:26:02 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

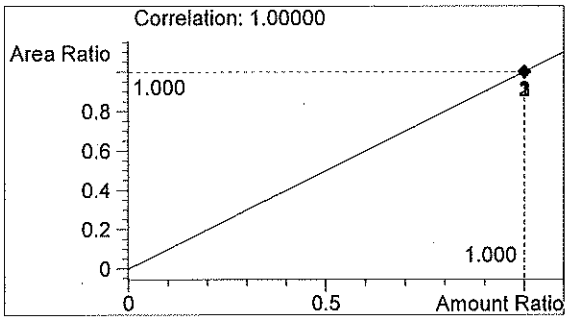
Sample Name: NEG CTRL
Operator: Elizabeth Wehner
Location: Vial 23



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2872	1.771



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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

Sequence Parameters:

Operator:	Lyndsey 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:	170927LK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0717-01 - Exp. 01/27/2018
Ethanol Calibrator 2, E0717-02 - Exp. 01/27/2018
Ethanol Calibrator 3, E0717-03 - Exp. 01/27/2018

CTRL1 (0.04g/100mL), Lot # FN12181501 - Exp. 12/2020
CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
CTRL3 (0.20g/100mL), Lot # FN08101505 - Exp. 02/2021

Internal Standard Lot#P0717 - Exp. 10/20/2017

Diluter #1

Calibration vials 1-9 filed with 17058

17059
pg
10/9/17

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	17058 #1	SIMALC1	1	Sample		
11	Vial 11	17058 #2	SIMALC1	1	Sample		
12	Vial 12	17058 #3	SIMALC1	1	Sample		
13	Vial 13	17058 #4	SIMALC1	1	Sample		
14	Vial 14	17058 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	17059 #1	SIMALC1	1	Sample		
18	Vial 18	17059 #2	SIMALC1	1	Sample		
19	Vial 19	17059 #3	SIMALC1	1	Sample		
20	Vial 20	17059 #4	SIMALC1	1	Sample		
21	Vial 21	17059 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		

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

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

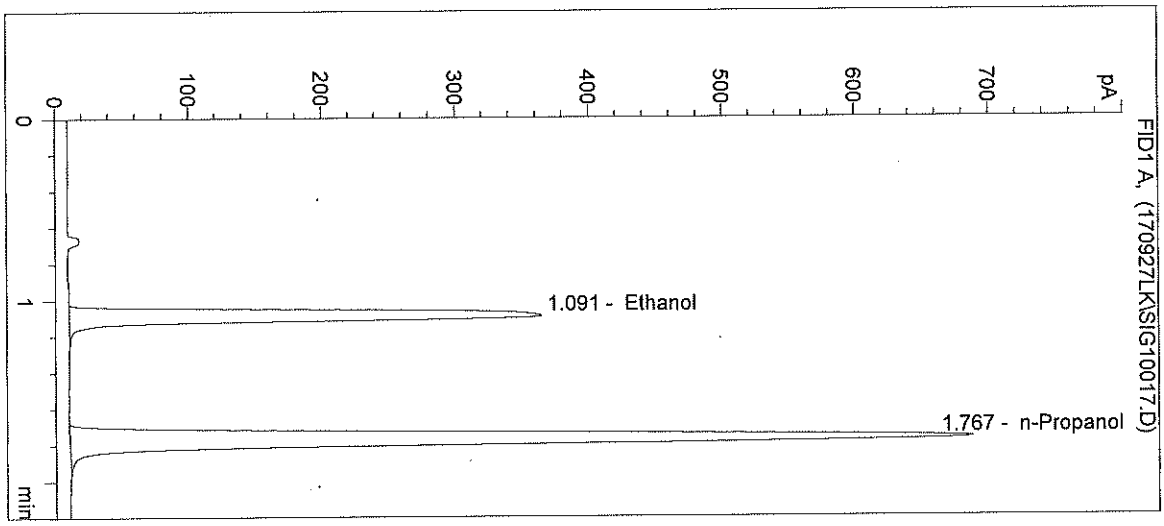
17059

10/9/17

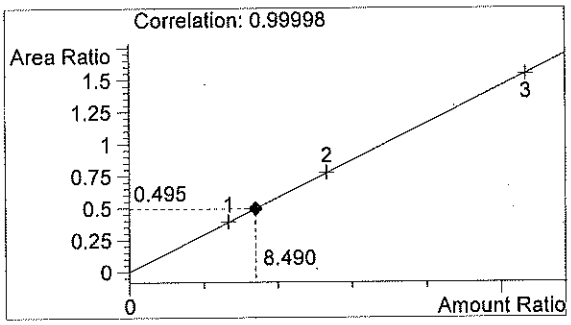
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2017 9:00:32 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

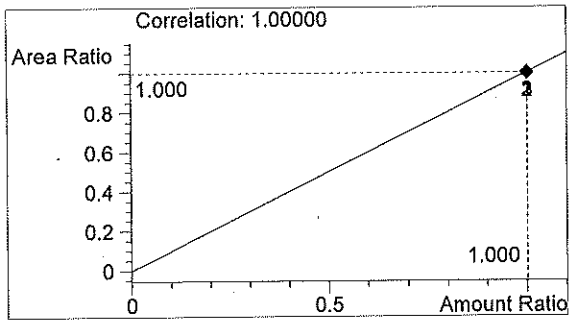
Sample Name: 17059 #1
Operator: Lyndsey Knoy
Location: Vial 17



#	Compound	Peak Area	RT (min)
1	Ethanol	1427	1.091
2	n-Propanol	2882	1.767



Ethanol 0.102 g/100mL

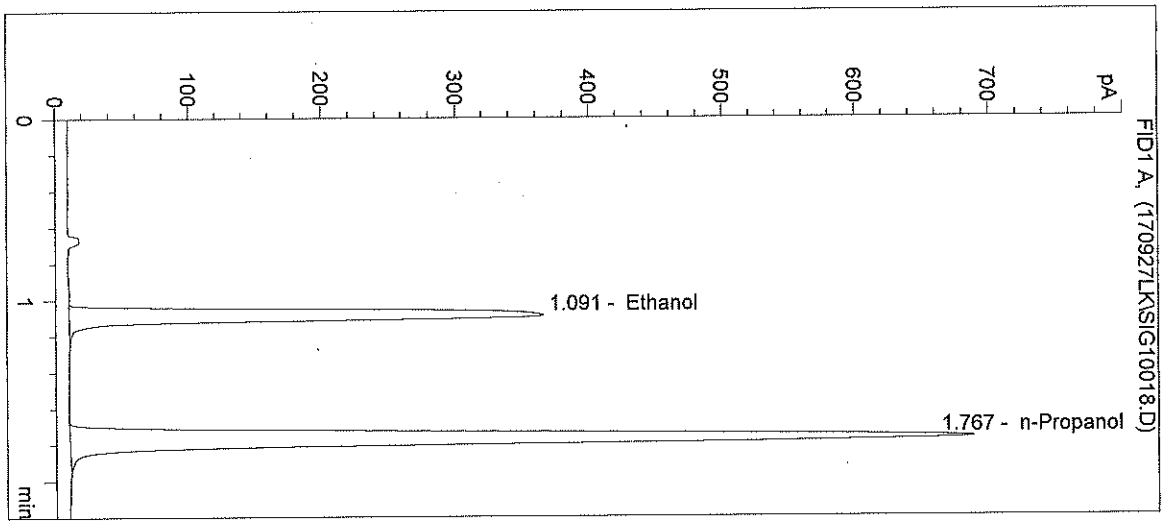


n-Propanol 0.012 g/100mL

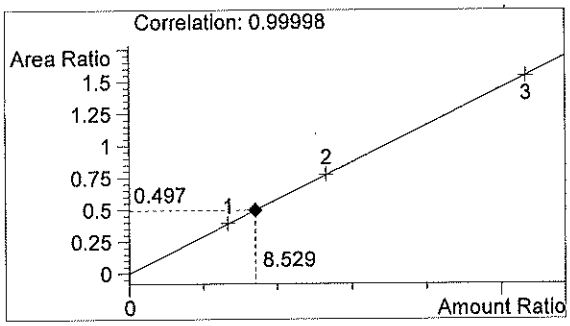
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2017 9:03:46 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

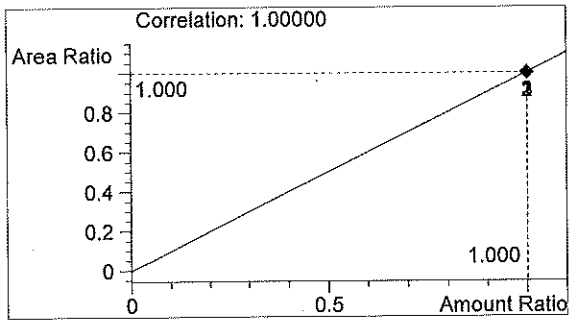
Sample Name: 17059 #2
Operator: Lyndsey Knoy
Location: Vial 18



#	Compound	Peak Area	RT (min)
1	Ethanol	1435	1.091
2	n-Propanol	2885	1.767



Ethanol 0.102 g/100mL

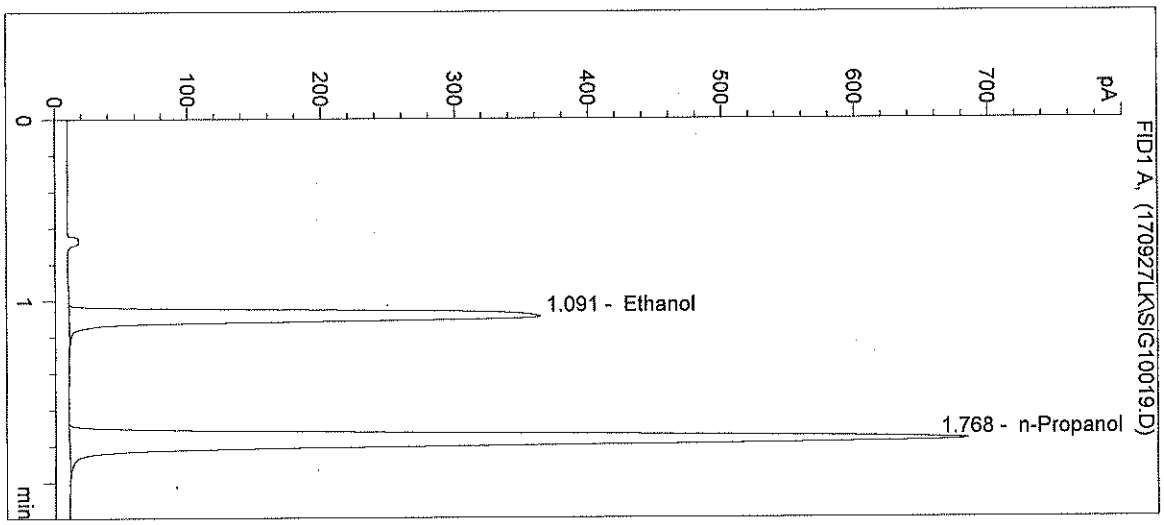


n-Propanol 0.012 g/100mL

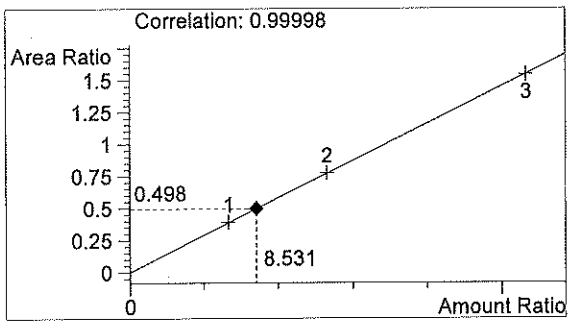
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2017 9:06:59 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

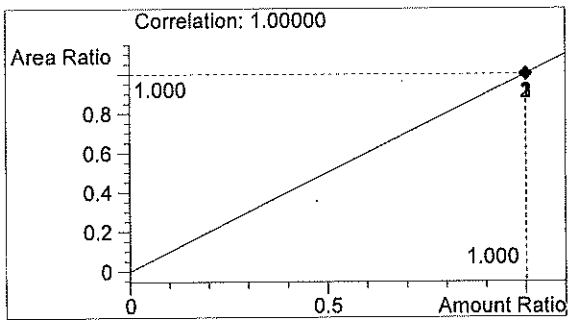
Sample Name: 17059 #3
Operator: Lyndsey Knoy
Location: Vial 19



#	Compound	Peak Area	RT (min)
1	Ethanol	1430	1.091
2	n-Propanol	2873	1.768



Ethanol 0.102 g/100mL

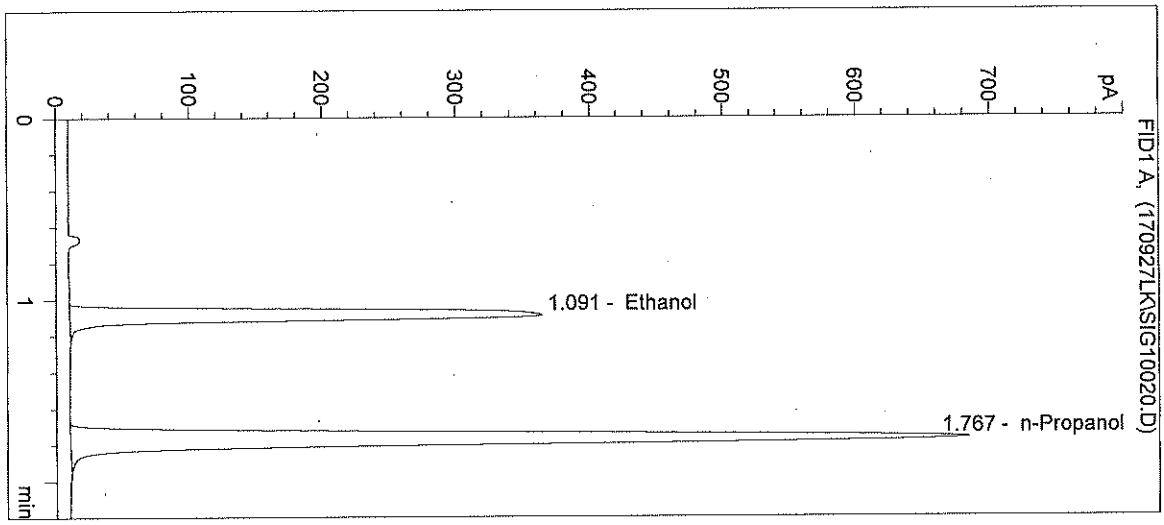


n-Propanol 0.012 g/100mL

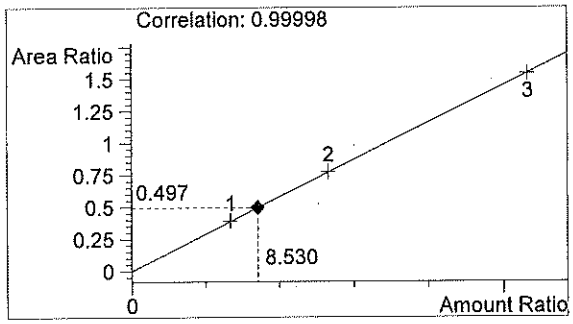
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2017 9:10:12 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

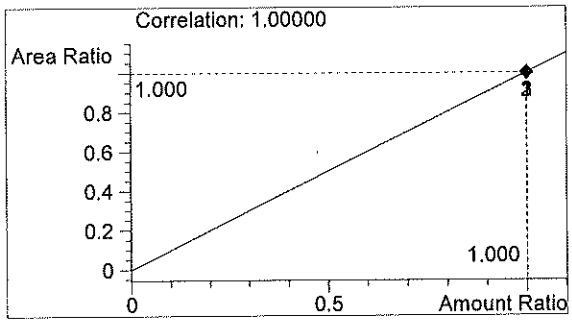
Sample Name: 17059 #4
Operator: Lyndsey Knoy
Location: Vial 20



#	Compound	Peak Area	RT (min)
1	Ethanol	1426	1.091
2	n-Propanol	2866	1.767



Ethanol 0.102 g/100mL

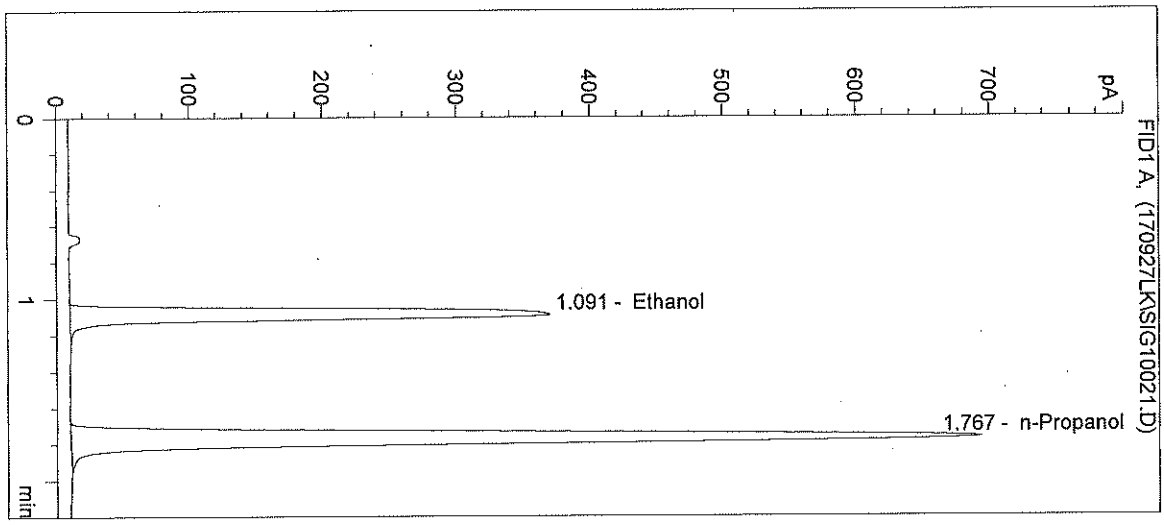


n-Propanol 0.012 g/100mL

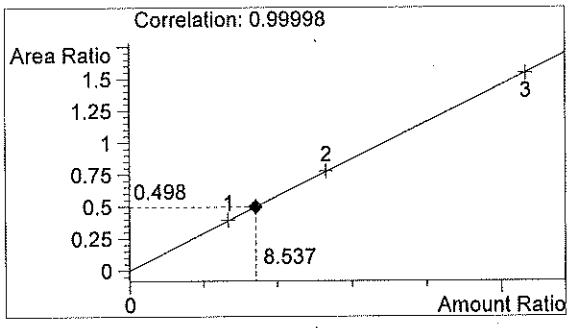
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2017 9:13:27 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

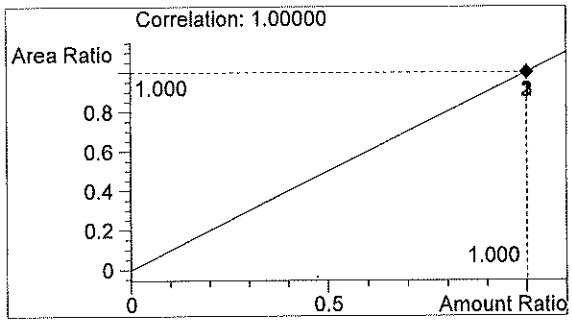
Sample Name: 17059 #5
Operator: Lyndsey Knoy
Location: Vial 21



#	Compound	Peak Area	RT (min)
1	Ethanol	1442	1.091
2	n-Propanol	2897	1.767



Ethanol 0.102 g/100mL

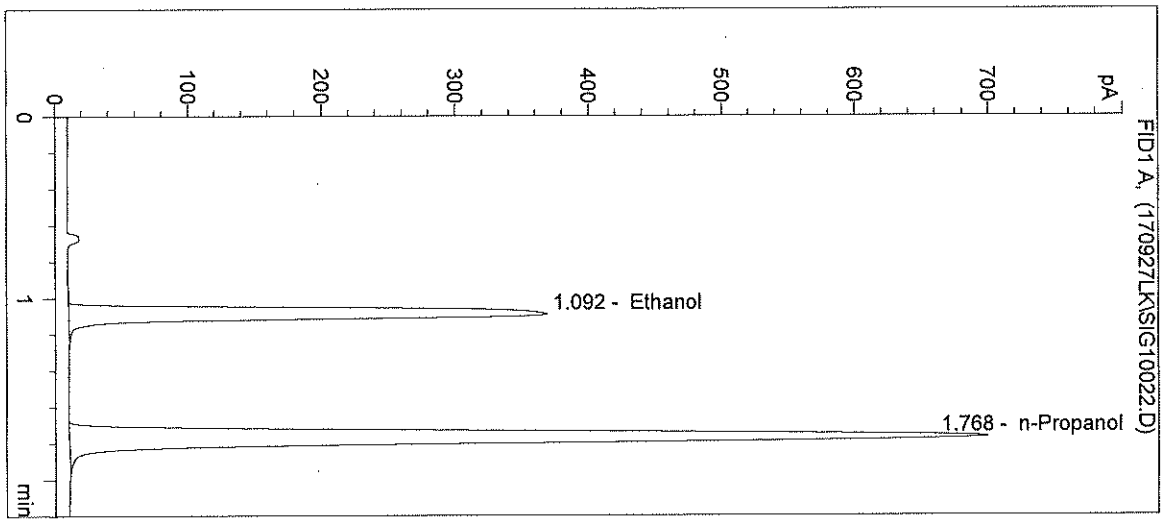


n-Propanol 0.012 g/100mL

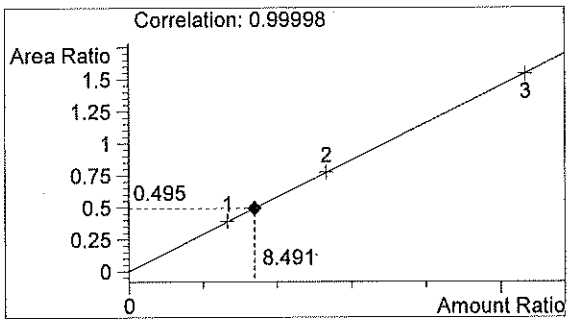
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2017 9:16:38 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

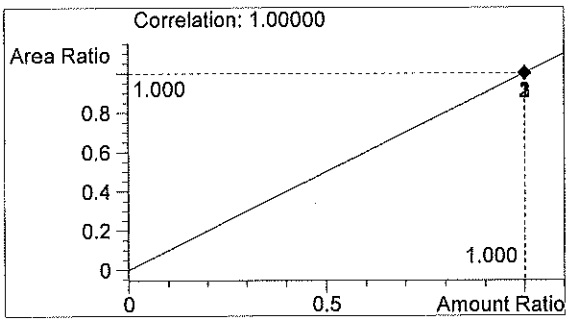
Sample Name: 0.10 CTRL
Operator: Lyndsey Knoy
Location: Vial 22



#	Compound	Peak Area	RT (min)
1	Ethanol	1457	1.092
2	n-Propanol	2943	1.768



Ethanol 0.102 g/100mL

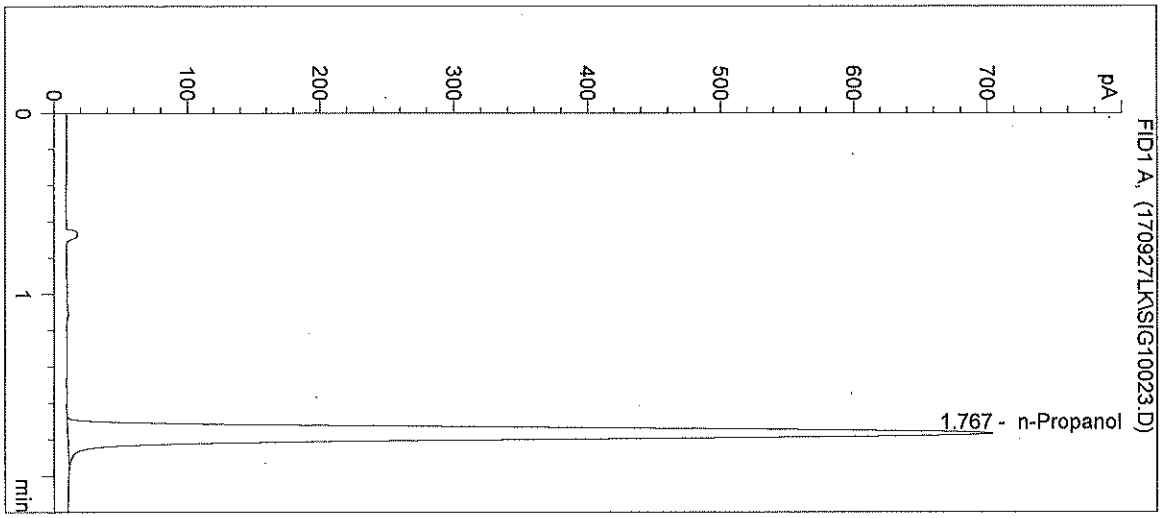


n-Propanol 0.012 g/100mL

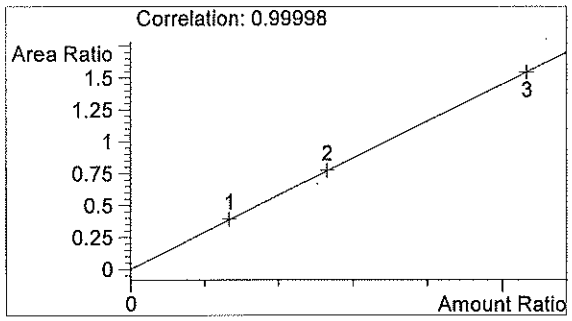
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2017 9:19:52 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

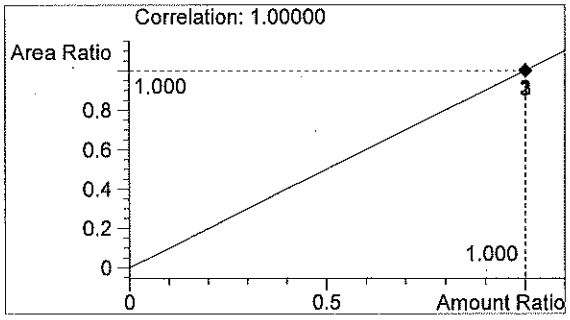
Sample Name: NEG CTRL
Operator: Lyndsey Knoy
Location: Vial 23



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2961	1.767



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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:	170927A1
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
cal 1 0.079 g/100mL e0717-01 exp 01/27/2018
cal 2 0.158 g/100mL e0717-02 exp 01/27/2018
cal 3 0.316 g/100mL e0717-03 exp 01/27/2018
0.04 control fn12181501 exp 12/2020
0.10 control fn08051301 exp 10/2018
0.20 control fn08101505 exp 02/2021
istd p0717 exp 10/20/2017

diluter 3

calibration in ess 17058

17059
RT
10/9/17

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	17058 #1	SIMALC1	1	Sample		
11	Vial 11	17058 #2	SIMALC1	1	Sample		
12	Vial 12	17058 #3	SIMALC1	1	Sample		
13	Vial 13	17058 #4	SIMALC1	1	Sample		
14	Vial 14	17058 #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		
17	Vial 17	17059 #1	SIMALC1	1	Sample		
18	Vial 18	17059 #2	SIMALC1	1	Sample		
19	Vial 19	17059 #3	SIMALC1	1	Sample		
20	Vial 20	17059 #4	SIMALC1	1	Sample		
21	Vial 21	17059 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 ctrl al	SIMALC1	1	Ctrl Samp		
23	Vial 23	neg control - al	SIMALC1	1	Ctrl Samp		

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

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

17059

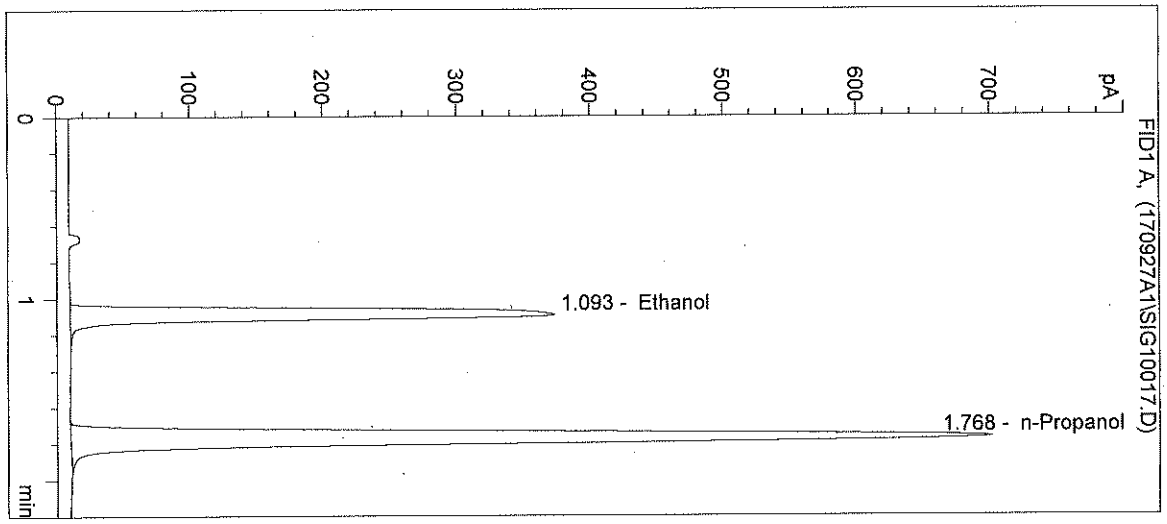
10/9/17

~~170927A1~~
AL 20170927

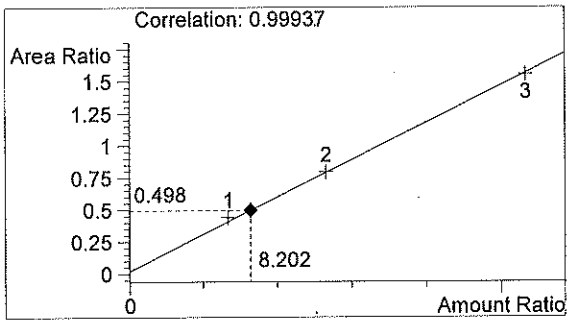
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2017 1:04:12 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

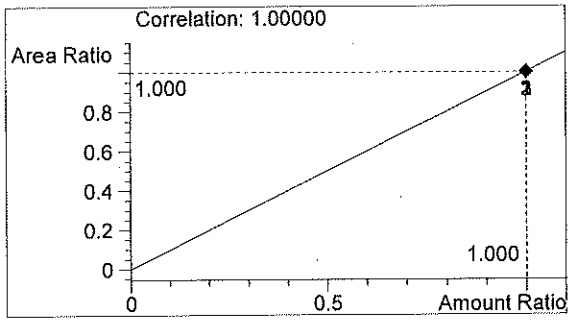
Sample Name: 17059 #1
Operator: asa louis
Location: Vial 17



#	Compound	Peak Area	RT (min)
1	Ethanol	1481	1.093
2	n-Propanol	2971	1.768



Ethanol 0.098 g/100mL

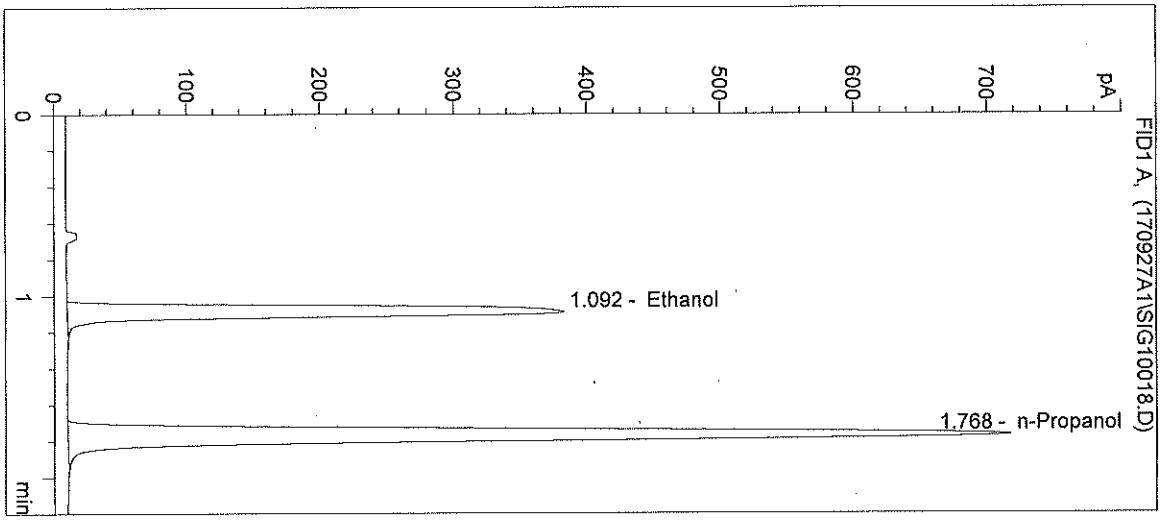


n-Propanol 0.012 g/100mL

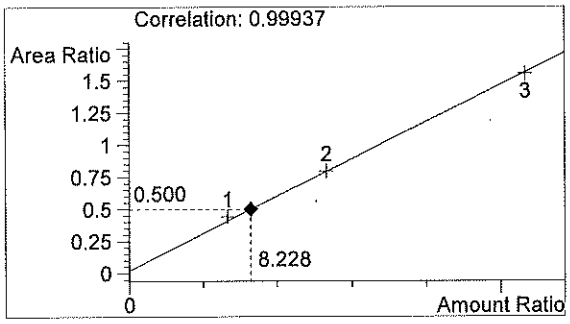
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2017 1:07:26 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

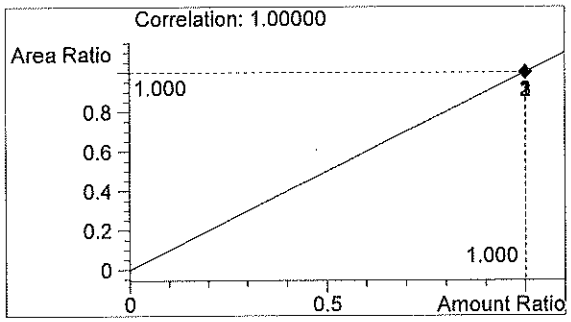
Sample Name: 17059 #2
Operator: asa louis
Location: Vial 18



#	Compound	Peak Area	RT (min)
1	Ethanol	1503	1.092
2	n-Propanol	3007	1.768



Ethanol 0.099 g/100mL

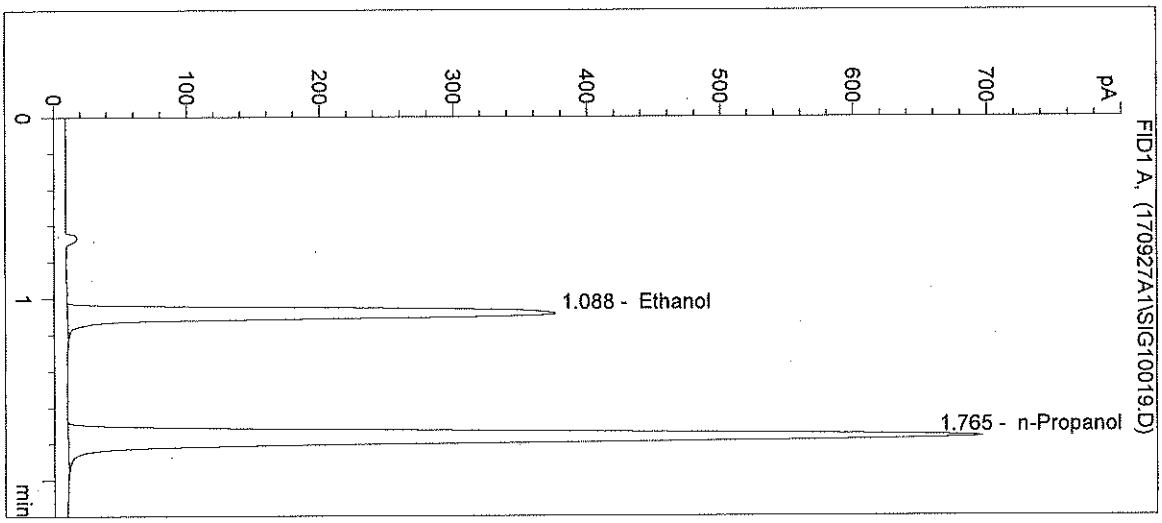


n-Propanol 0.012 g/100mL

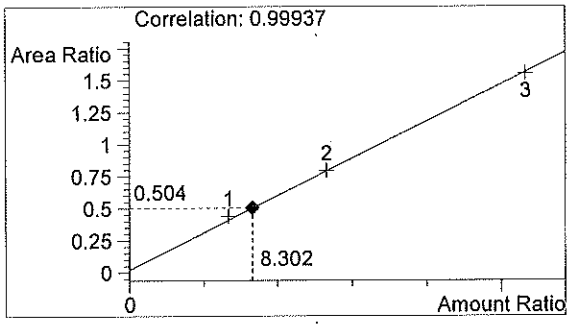
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2017 1:10:39 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

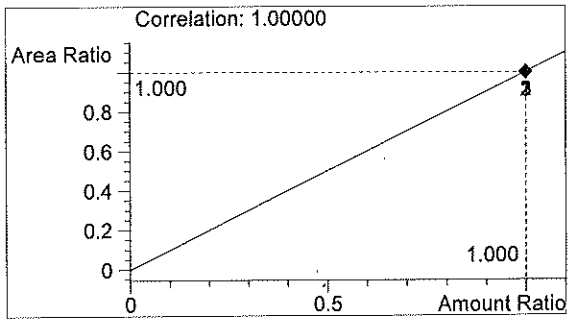
Sample Name: 17059 #3
Operator: asa louis
Location: Vial 19



#	Compound	Peak Area	RT (min)
1	Ethanol	1424	1.088
2	n-Propanol	2824	1.765



Ethanol 0.100 g/100mL

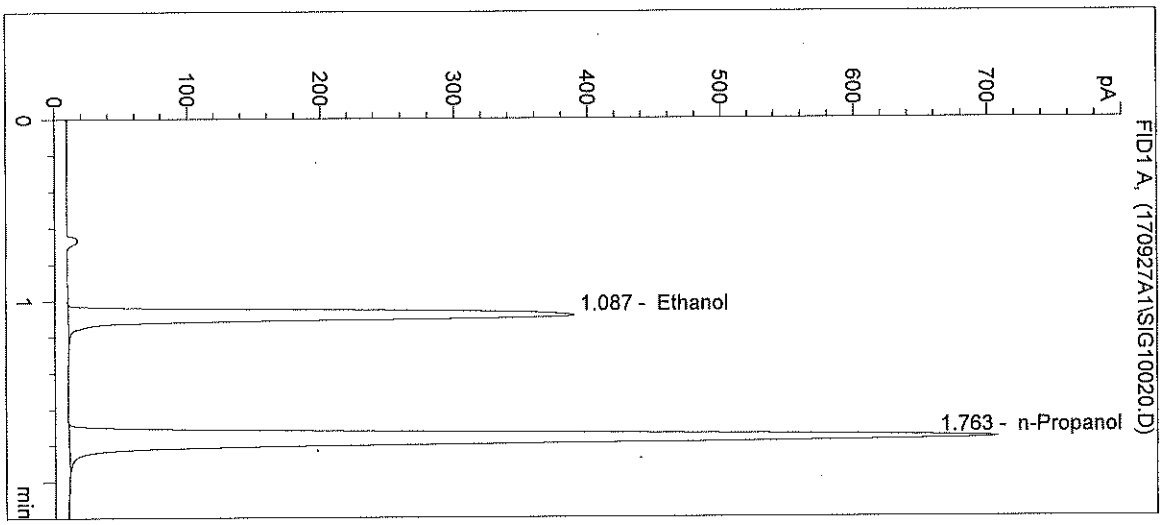


n-Propanol 0.012 g/100mL

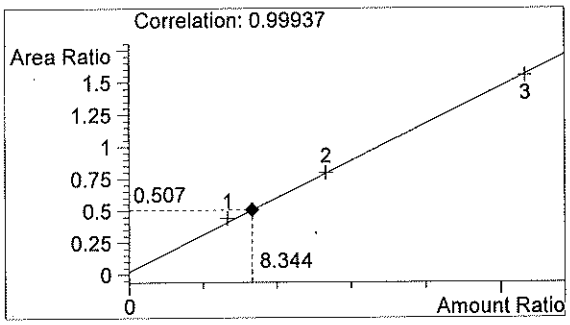
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2017 1:13:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

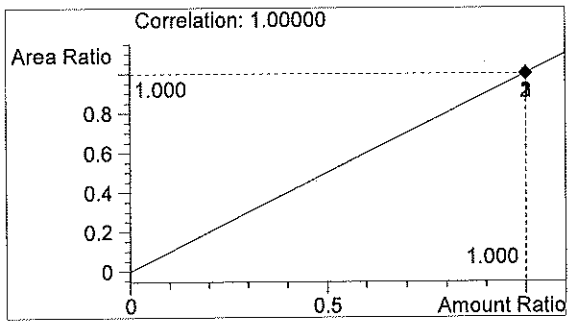
Sample Name: 17059 #4
Operator: asa louis
Location: Vial 20



#	Compound	Peak Area	RT (min)
1	Ethanol	1397	1.087
2	n-Propanol	2757	1.763



Ethanol 0.100 g/100mL

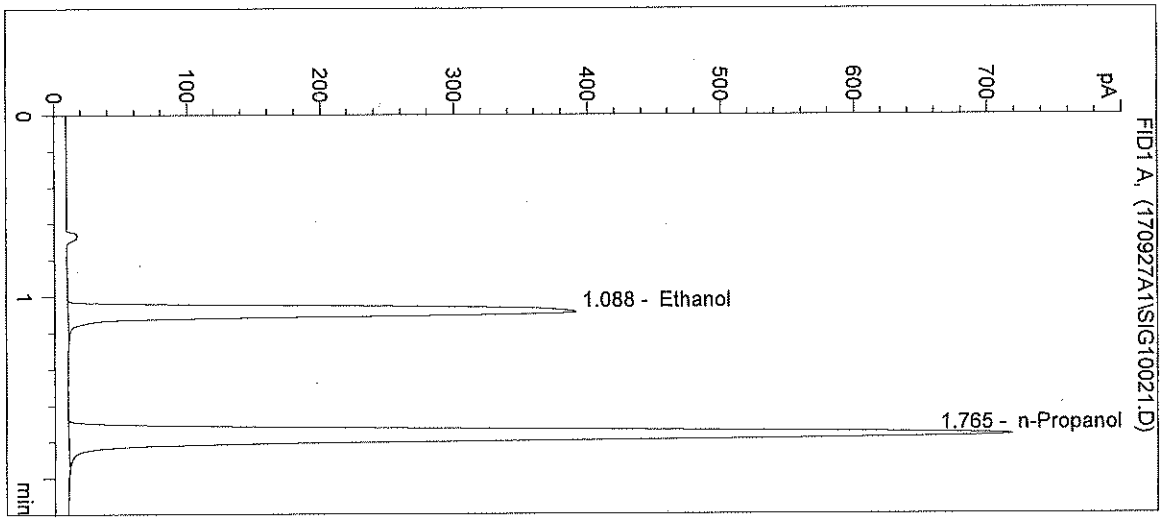


n-Propanol 0.012 g/100mL

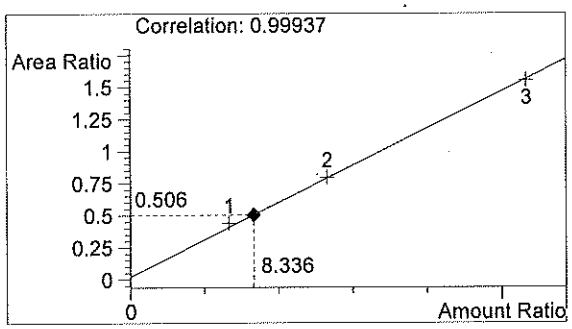
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2017 1:17:08 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

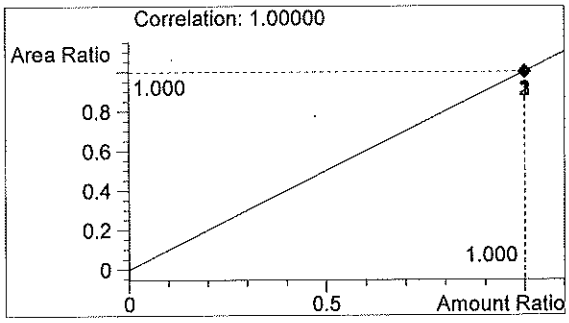
Sample Name: 17059 #5
Operator: asa louis
Location: Vial 21



#	Compound	Peak Area	RT (min)
1	Ethanol	1456	1.088
2	n-Propanol	2876	1.765



Ethanol 0.100 g/100mL

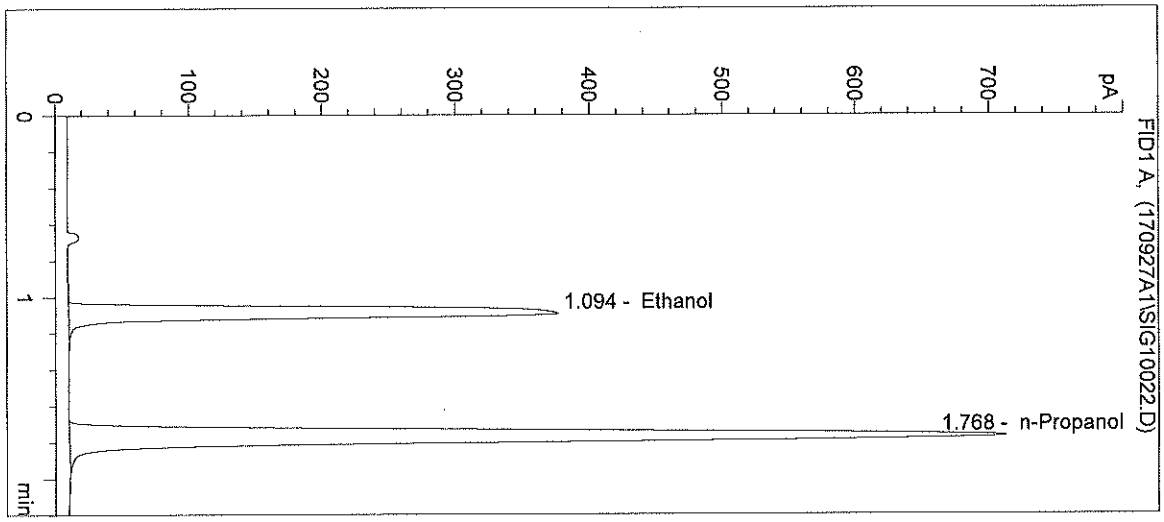


n-Propanol 0.012 g/100mL

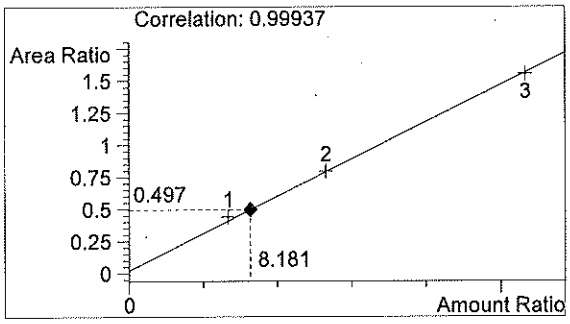
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2017 1:20:19 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: ess 17059

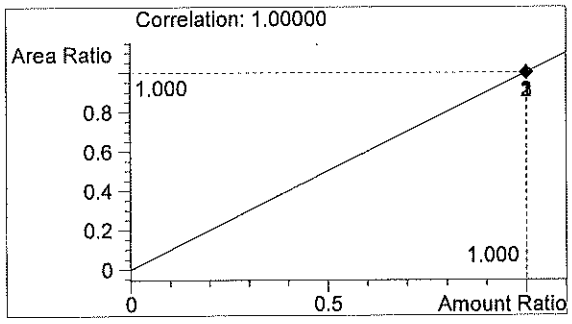
Sample Name: 0.10 ctrl al
Operator: asa louis
Location: Vial 22



#	Compound	Peak Area	RT (min)
1	Ethanol	1504	1.094
2	n-Propanol	3025	1.768



Ethanol 0.098 g/100mL

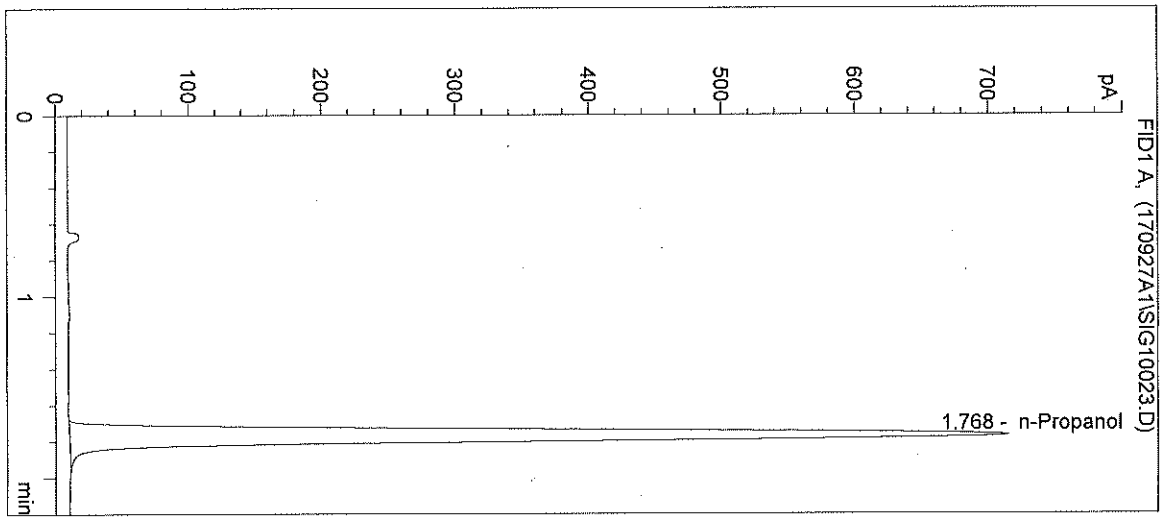


n-Propanol 0.012 g/100mL

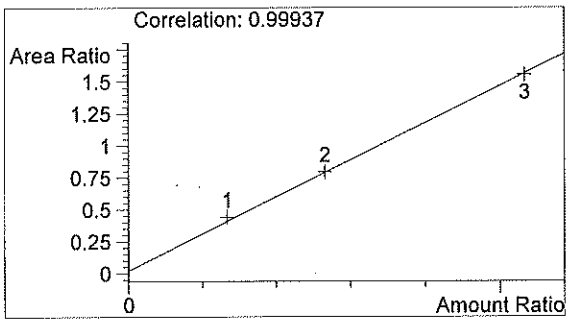
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2017 1:23:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: ess 17059

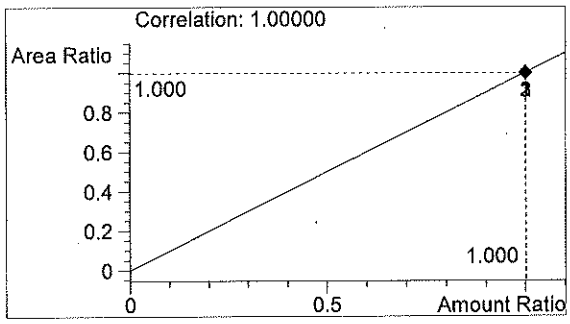
Sample Name: neg control - al
Operator: asa louis
Location: Vial 23



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	3018	1.768



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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:	170927CJ
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0717-01 - Exp. 01/27/2018
Ethanol Calibrator 2, E0717-02 - Exp. 01/27/2018
Ethanol Calibrator 3, E0717-03 - Exp. 01/27/2018

CTRL1 (0.04g/100mL), Lot # FN12181501 - Exp. 12/2020
CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
CTRL3 (0.20g/100mL), Lot # FN08101505 - Exp. 02/2021

Internal Standard Lot#P0717 - Exp. 10/20/2017

Diluter #1

Calibration vials 1-9 filed with 17058

17059

PST 10/9/17

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	17058 #1	SIMALC1	1	Sample		
11	Vial 11	17058 #2	SIMALC1	1	Sample		
12	Vial 12	17058 #3	SIMALC1	1	Sample		
13	Vial 13	17058 #4	SIMALC1	1	Sample		
14	Vial 14	17058 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	17059 #1	SIMALC1	1	Sample		
18	Vial 18	17059 #2	SIMALC1	1	Sample		
19	Vial 19	17059 #3	SIMALC1	1	Sample		
20	Vial 20	17059 #4	SIMALC1	1	Sample		
21	Vial 21	17059 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		

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

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

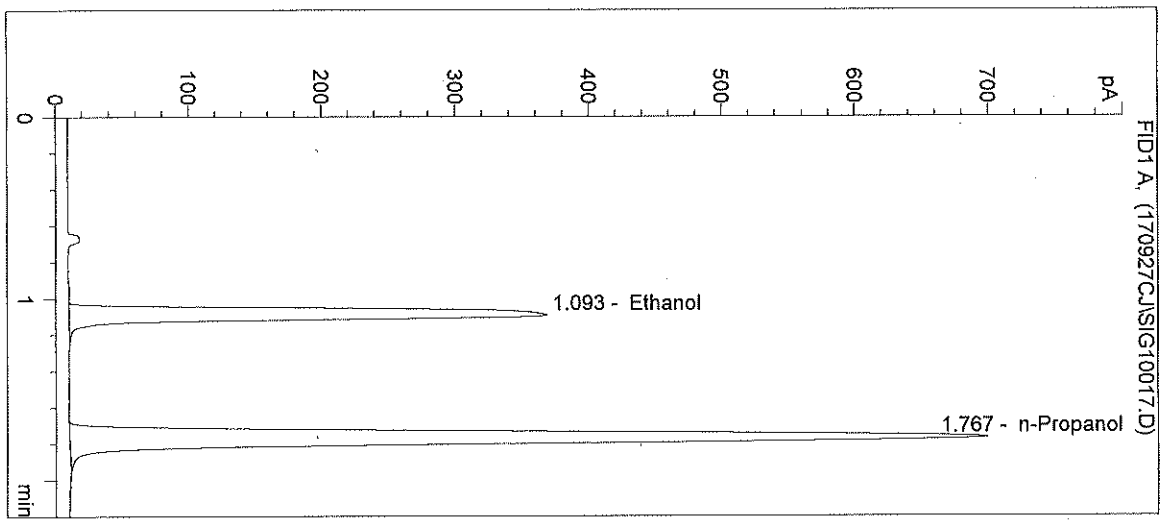
17059

PJT
10/9/17

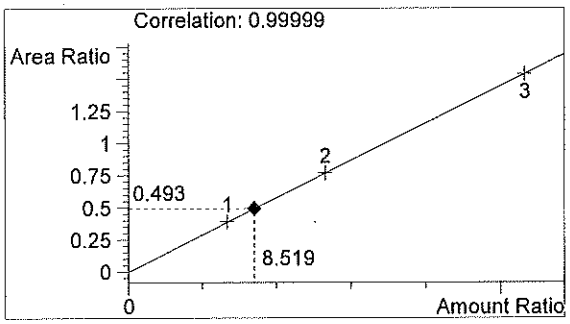
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2017 5:40:28 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

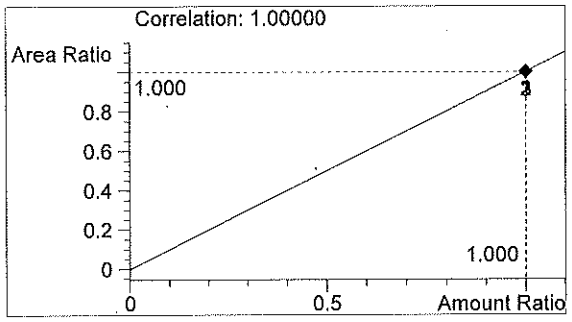
Sample Name: 17059 #1
Operator: Chris Johnston
Location: Vial 17



#	Compound	Peak Area	RT (min)
1	Ethanol	1458	1.093
2	n-Propanol	2957	1.767



Ethanol 0.102 g/100mL

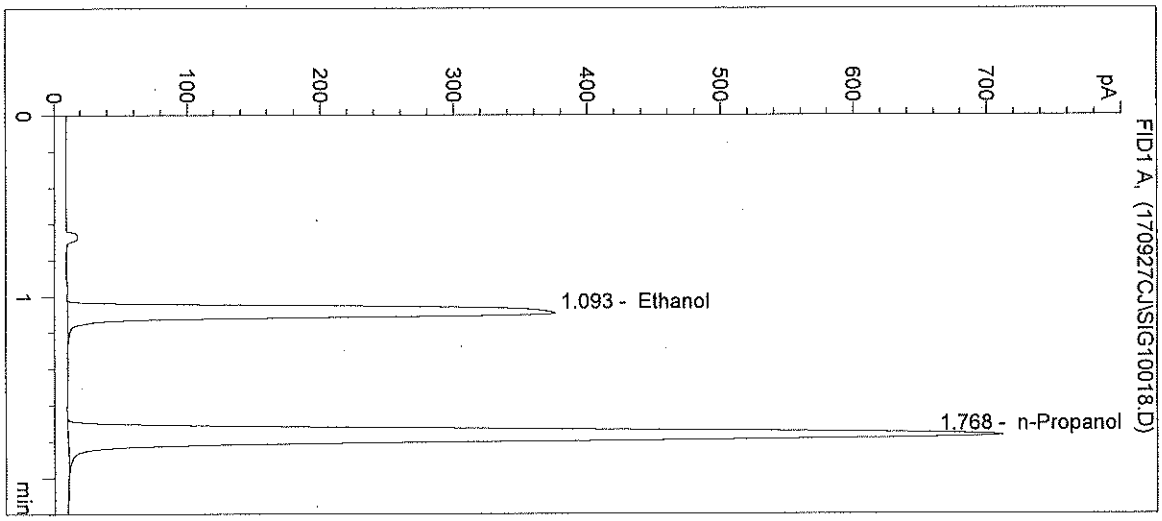


n-Propanol 0.012 g/100mL

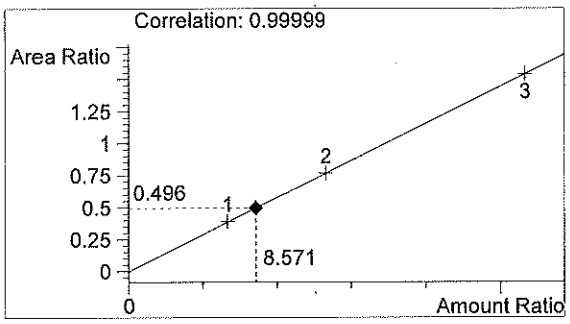
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2017 5:43:41 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

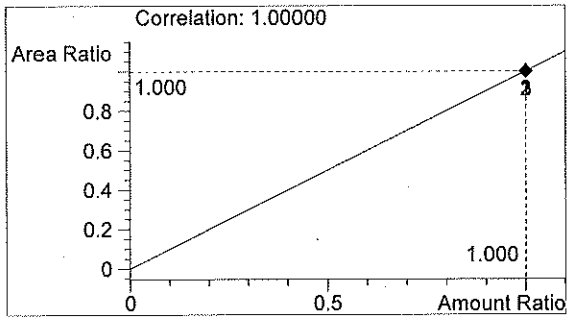
Sample Name: 17059 #2
Operator: Chris Johnston
Location: Vial 18



#	Compound	Peak Area	RT (min)
1	Ethanol	1500	1.093
2	n-Propanol	3022	1.768



Ethanol 0.103 g/100mL

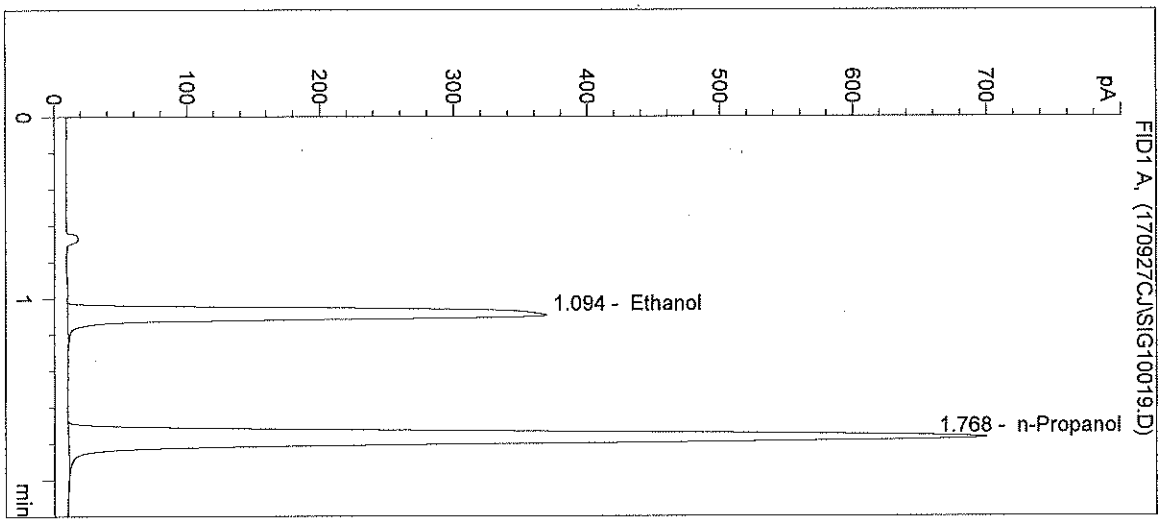


n-Propanol 0.012 g/100mL

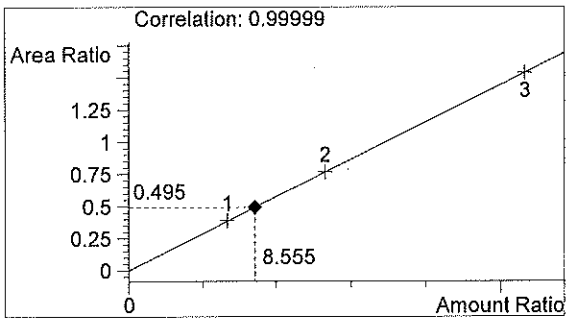
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2017 5:46:54 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

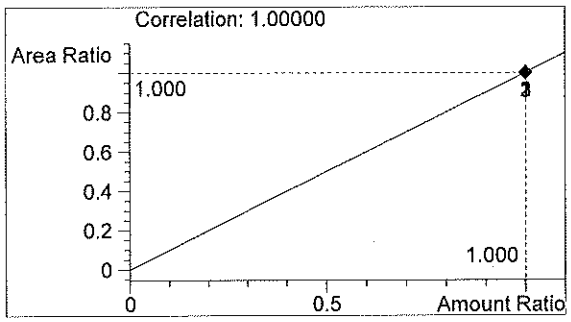
Sample Name: 17059 #3
Operator: Chris Johnston
Location: Vial 19



#	Compound	Peak Area	RT (min)
1	Ethanol	1468	1.094
2	n-Propanol	2965	1.768



Ethanol 0.103 g/100mL

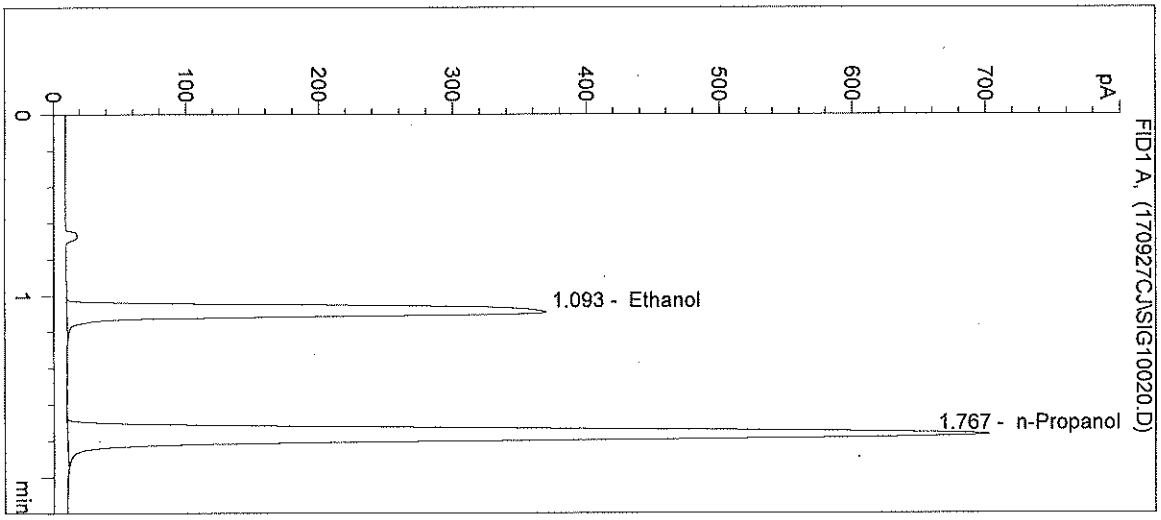


n-Propanol 0.012 g/100mL

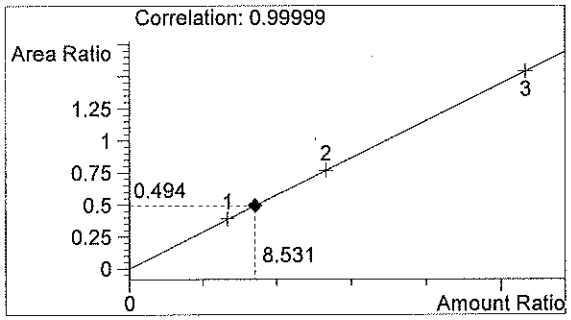
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2017 5:50:07 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

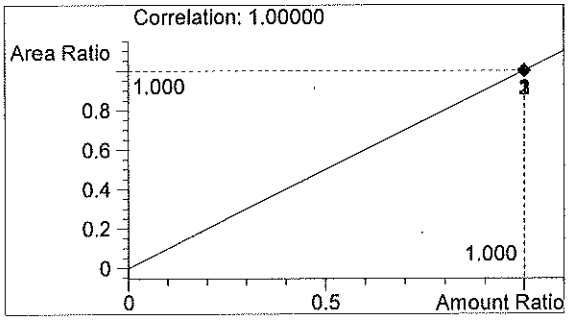
Sample Name: 17059 #4
Operator: Chris Johnston
Location: Vial 20



#	Compound	Peak Area	RT (min)
1	Ethanol	1462	1.093
2	n-Propanol	2960	1.767



Ethanol 0.102 g/100mL

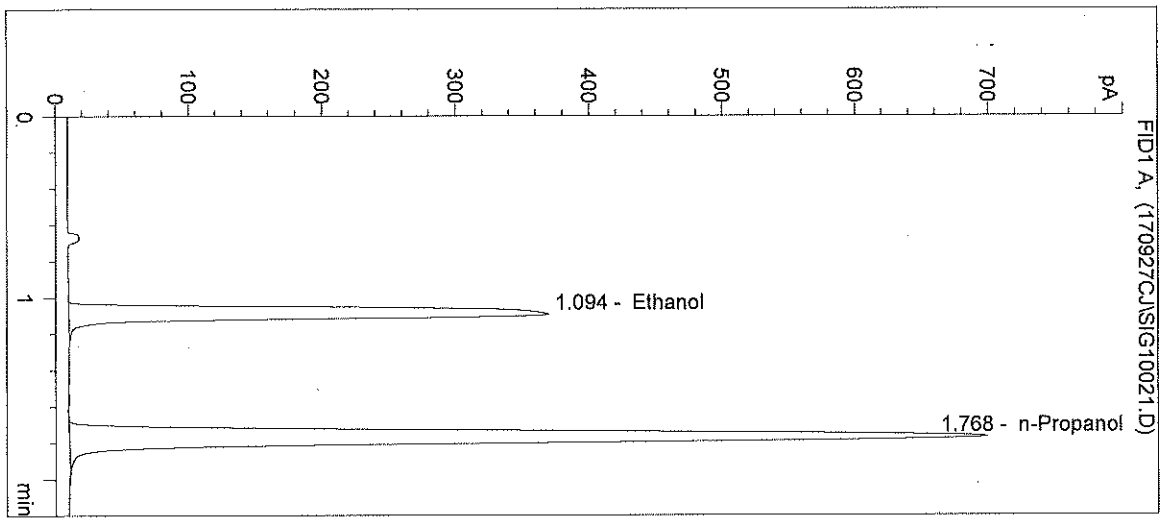


n-Propanol 0.012 g/100mL

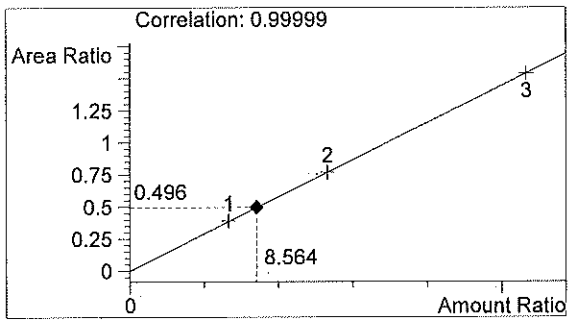
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2017 5:53:22 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 17059 #5
Operator: Chris Johnston
Location: Vial 21

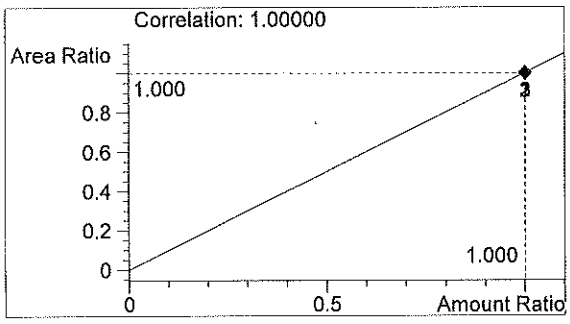


#	Compound	Peak Area	RT (min)
1	Ethanol	1476	1.094
2	n-Propanol	2977	1.768



Ethanol 0.103 g/100mL

BOT

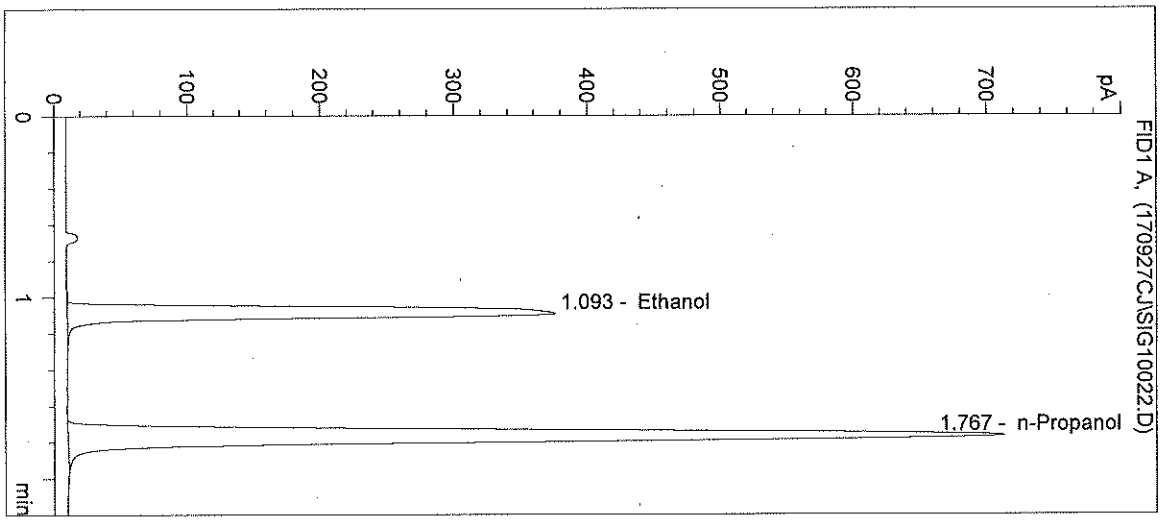


n-Propanol 0.012 g/100mL

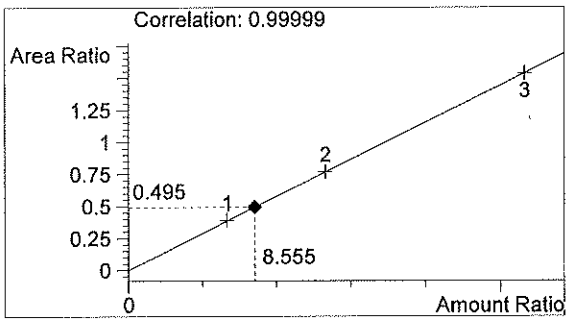
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2017 5:56:33 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

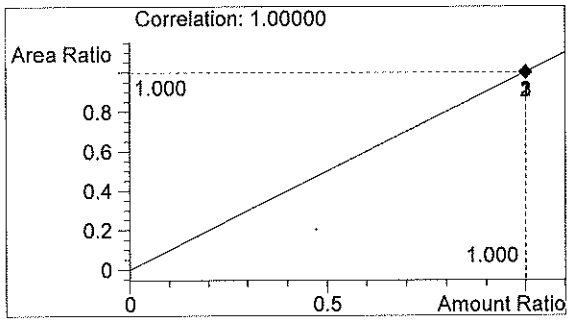
Sample Name: 0.10 CTRL
Operator: Chris Johnston
Location: Vial 22



#	Compound	Peak Area	RT (min)
1	Ethanol	1497	1.093
2	n-Propanol	3023	1.767



Ethanol 0.103 g/100mL

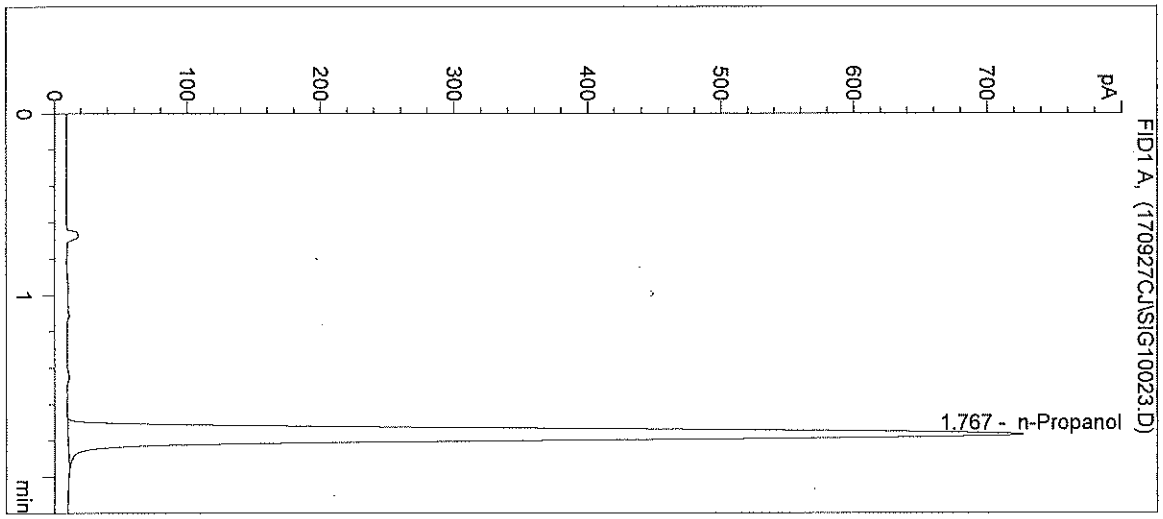


n-Propanol 0.012 g/100mL

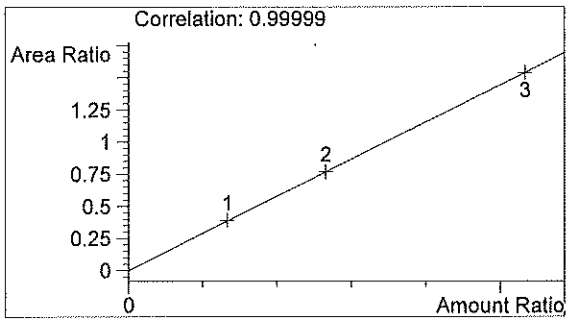
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/27/2017 5:59:47 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

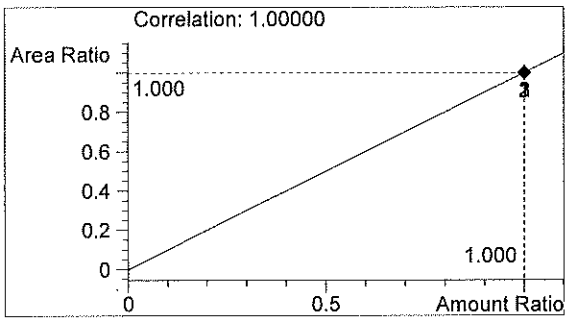
Sample Name: NEG CTRL
Operator: Chris Johnston
Location: Vial 23



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	3055	1.767



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

Sequence: C:\HPCHEM\1\SEQUENCE\CJEXTST1.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:	170929AG
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E0717-01 - Exp. 01/27/2018
Ethanol Calibrator 2, E0717-02 - Exp. 01/27/2018
Ethanol Calibrator 3, E0717-03 - Exp. 01/27/2018

CTRL1 (0.04g/100mL), Lot # FN12181501 - Exp. 12/2020
CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
CTRL3 (0.20g/100mL), Lot # FN08101505 - Exp. 02/2021

Internal Standard Lot#P0717 - Exp. 10/20/2017

Diluter #1

Calibration vials 1-9 filed with 17058

17059
PA
10/9/17

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	17058 #1	SIMALC1	1	Sample		
11	Vial 11	17058 #2	SIMALC1	1	Sample		
12	Vial 12	17058 #3	SIMALC1	1	Sample		
13	Vial 13	17058 #4	SIMALC1	1	Sample		
14	Vial 14	17058 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	17059 #1	SIMALC1	1	Sample		
18	Vial 18	17059 #2	SIMALC1	1	Sample		
19	Vial 19	17059 #3	SIMALC1	1	Sample		
20	Vial 20	17059 #4	SIMALC1	1	Sample		
21	Vial 21	17059 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		

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

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

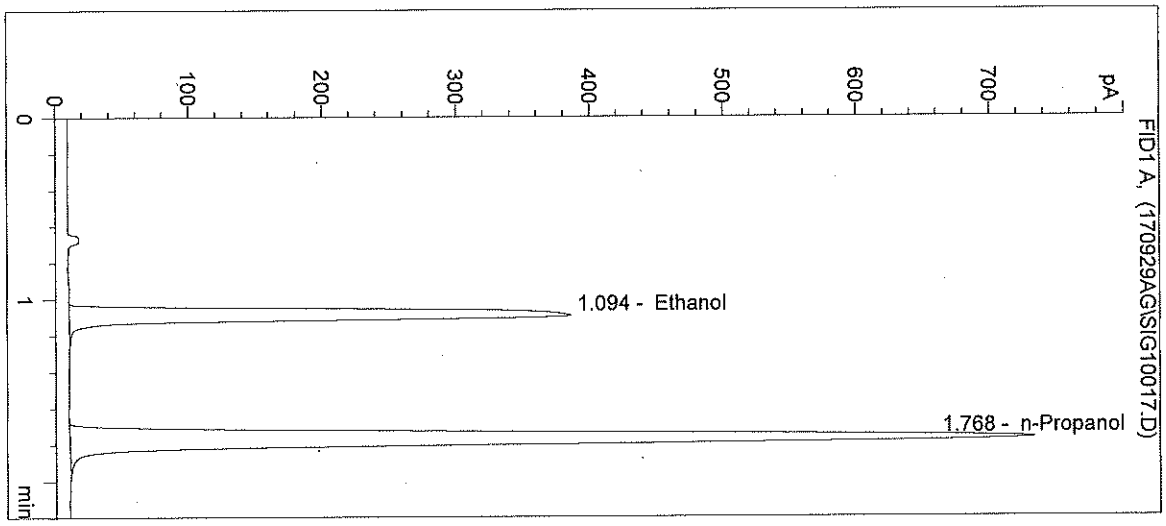
17059

BT
10/9/17

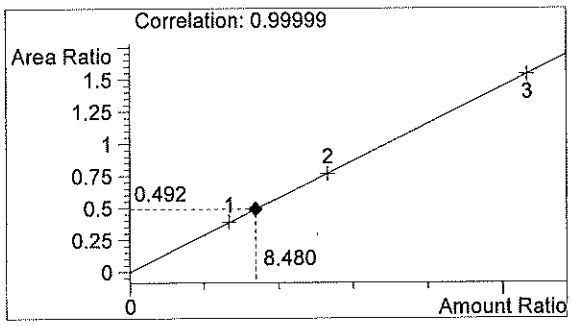
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/29/2017 1:07:38 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

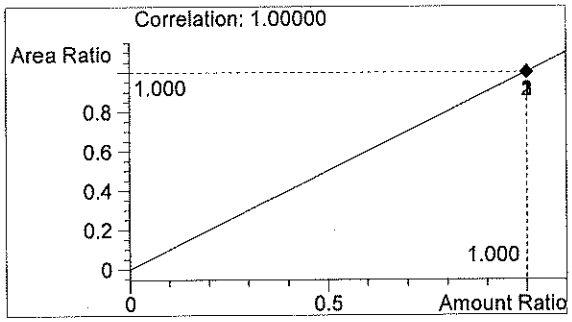
Sample Name: 17059 #1
Operator: Andrew Gingras
Location: Vial 17



#	Compound	Peak Area	RT (min)
1	Ethanol	1517	1.094
2	n-Propanol	3085	1.768



Ethanol 0.102 g/100mL

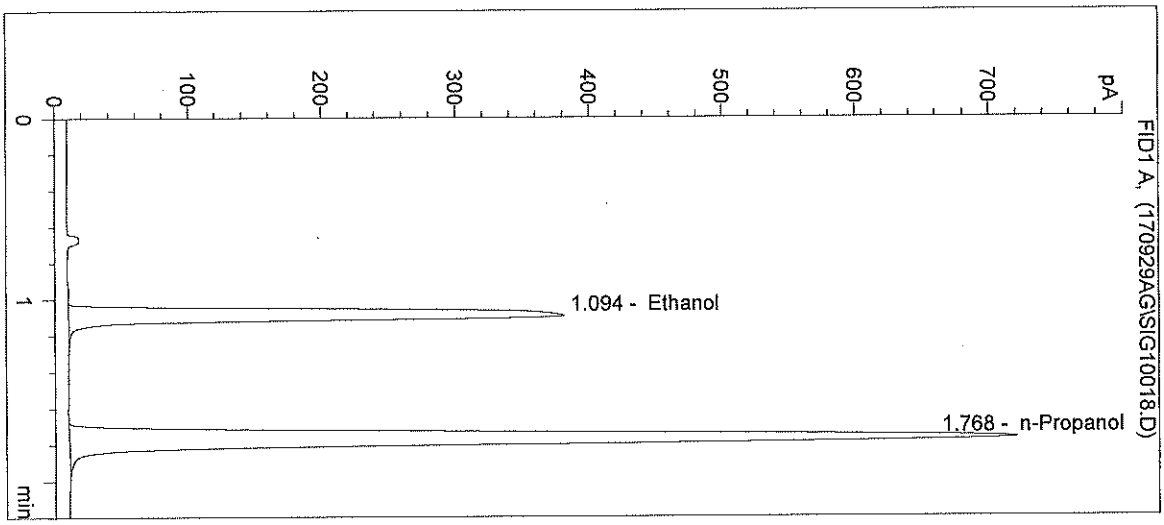


n-Propanol 0.012 g/100mL

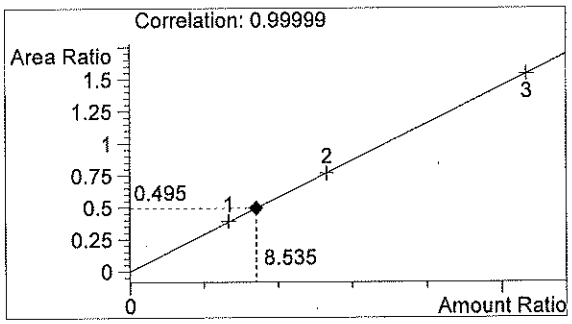
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/29/2017 1:10:51 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

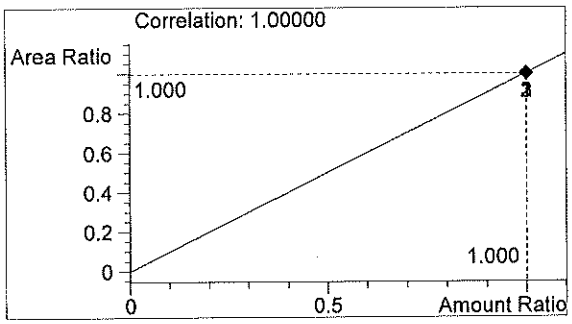
Sample Name: 17059 #2
Operator: Andrew Gingras
Location: Vial 18



#	Compound	Peak Area	RT (min)
1	Ethanol	1505	1.094
2	n-Propanol	3042	1.768



Ethanol 0.102 g/100mL

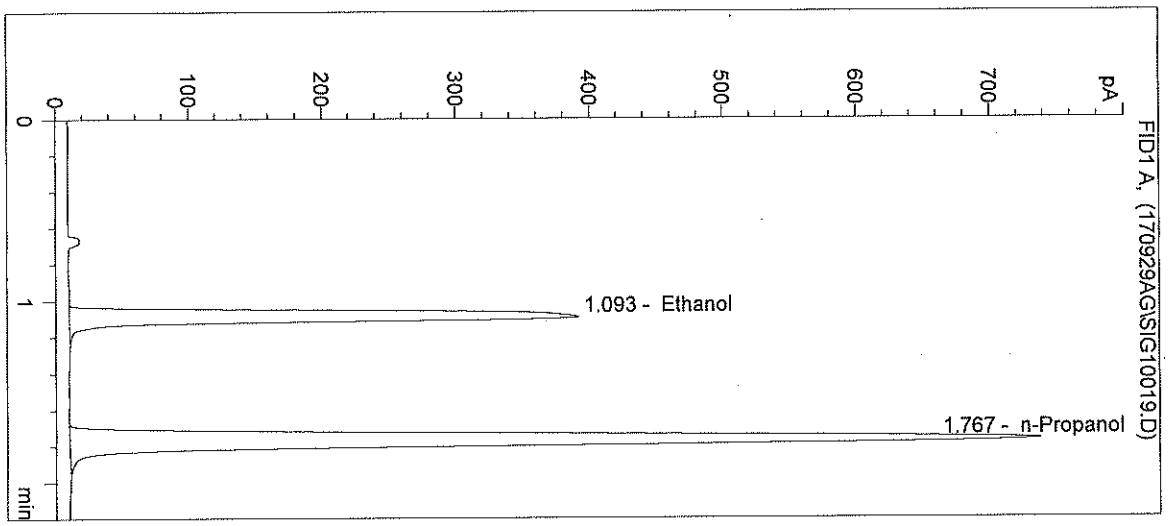


n-Propanol 0.012 g/100mL

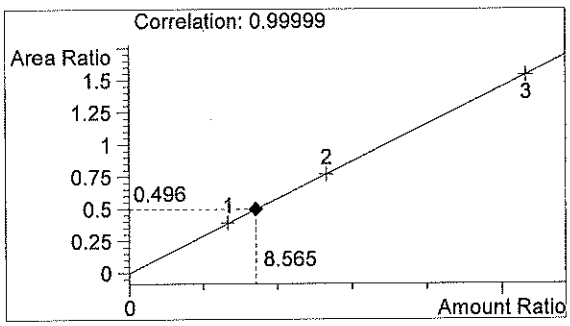
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/29/2017 1:14:04 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

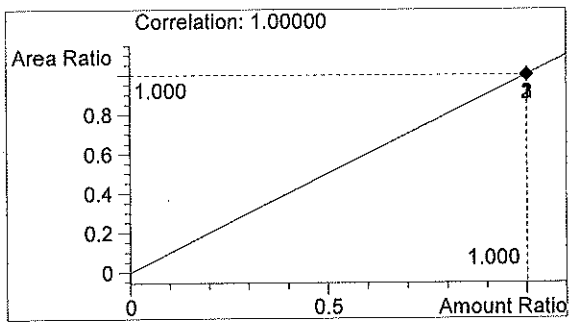
Sample Name: 17059 #3
Operator: Andrew Gingras
Location: Vial 19



#	Compound	Peak Area	RT (min)
1	Ethanol	1521	1.093
2	n-Propanol	3065	1.767



Ethanol 0.103 g/100mL

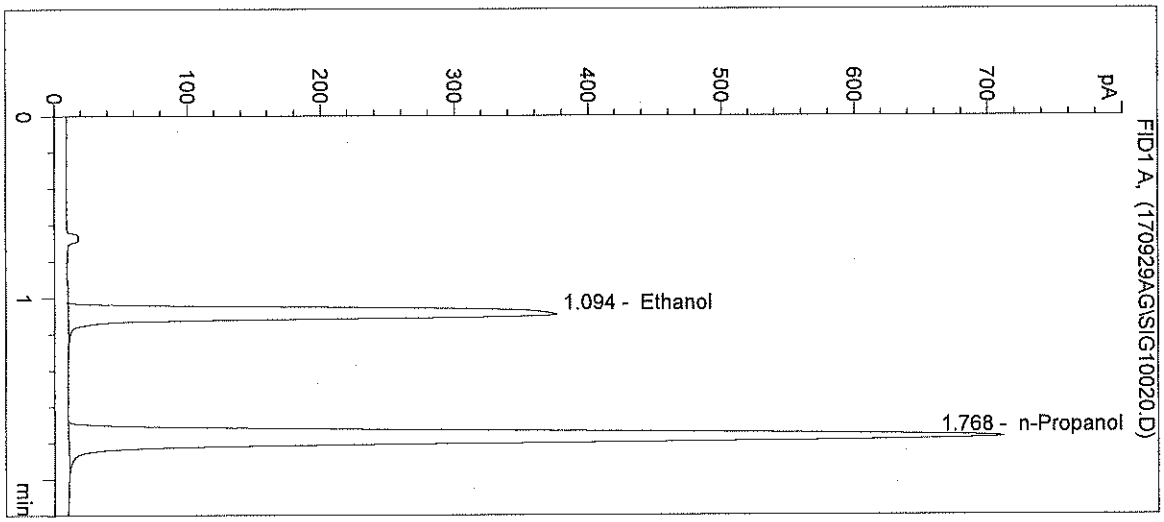


n-Propanol 0.012 g/100mL

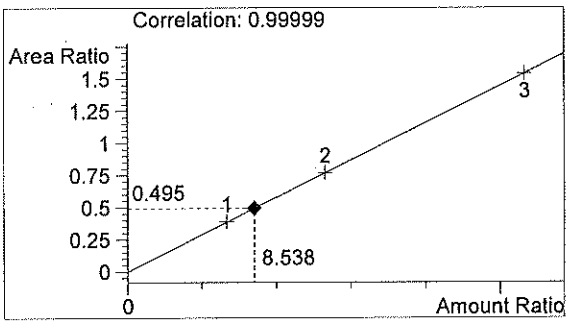
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/29/2017 1:17:17 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

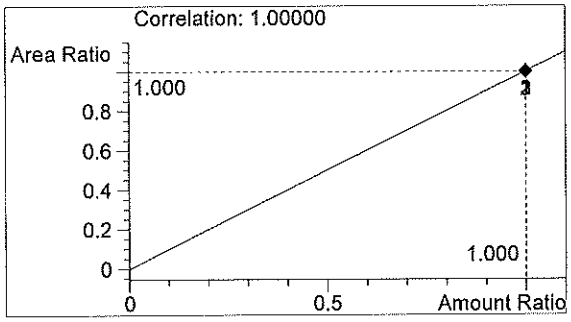
Sample Name: 17059 #4
Operator: Andrew Gingras
Location: Vial 20



#	Compound	Peak Area	RT (min)
1	Ethanol	1489	1.094
2	n-Propanol	3008	1.768



Ethanol 0.102 g/100mL

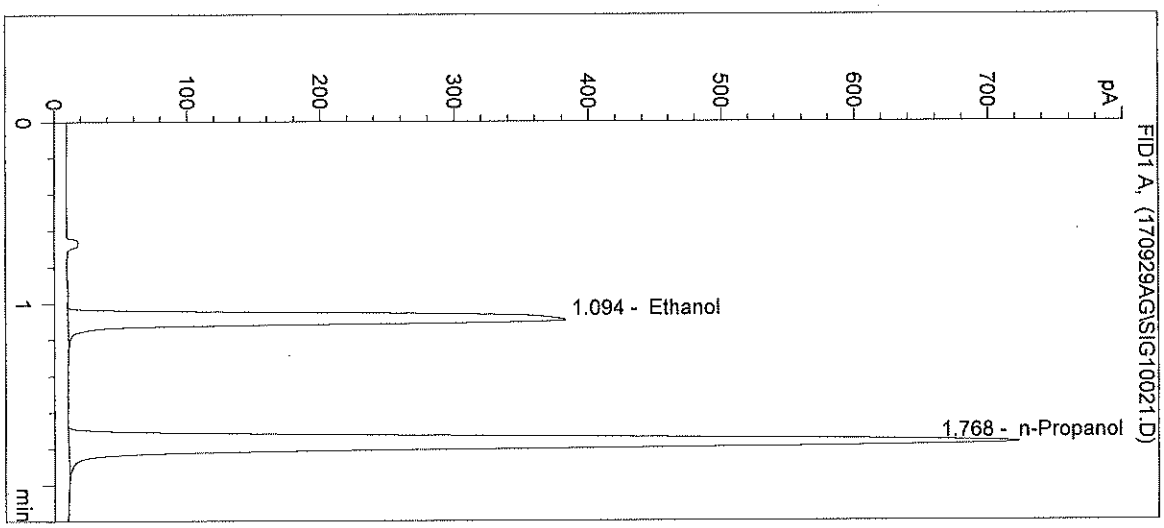


n-Propanol 0.012 g/100mL

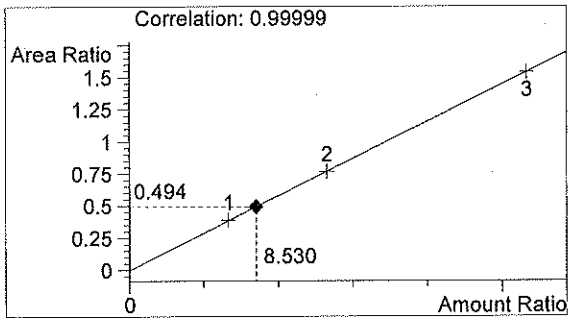
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/29/2017 1:20:32 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

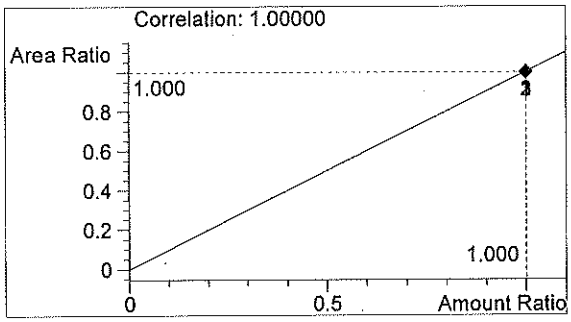
Sample Name: 17059 #5
Operator: Andrew Gingras
Location: Vial 21



#	Compound	Peak Area	RT (min)
1	Ethanol	1513	1.094
2	n-Propanol	3061	1.768



Ethanol 0.102 g/100mL

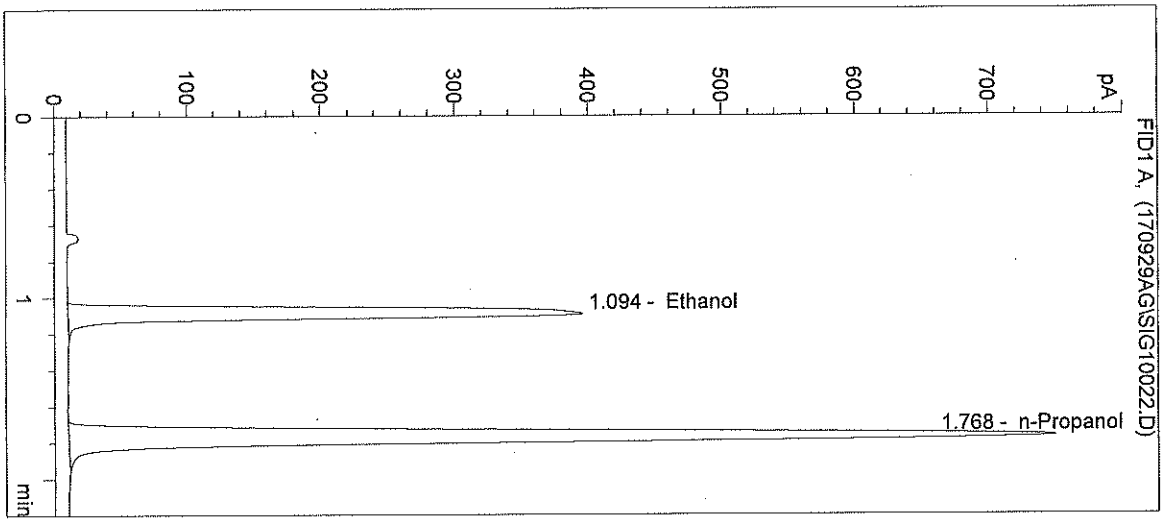


n-Propanol 0.012 g/100mL

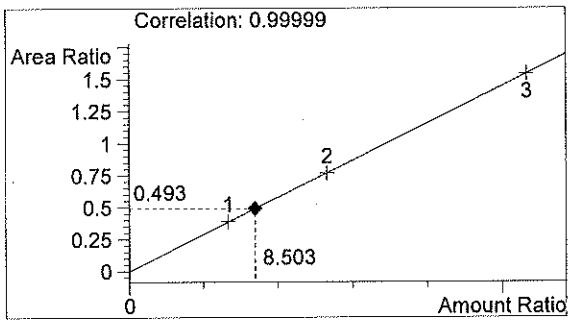
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/29/2017 1:23:43 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

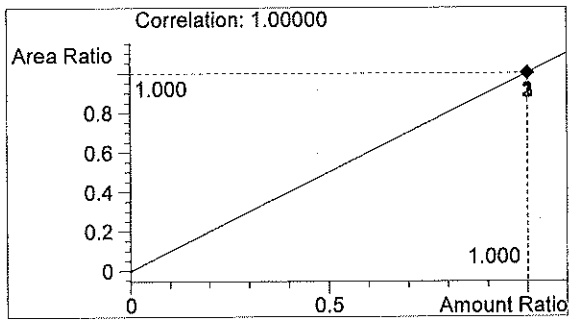
Sample Name: 0.10 CTRL
Operator: Andrew Gingras
Location: Vial 22



#	Compound	Peak Area	RT (min)
1	Ethanol	1550	1.094
2	n-Propanol	3146	1.768



Ethanol 0.102 g/100mL

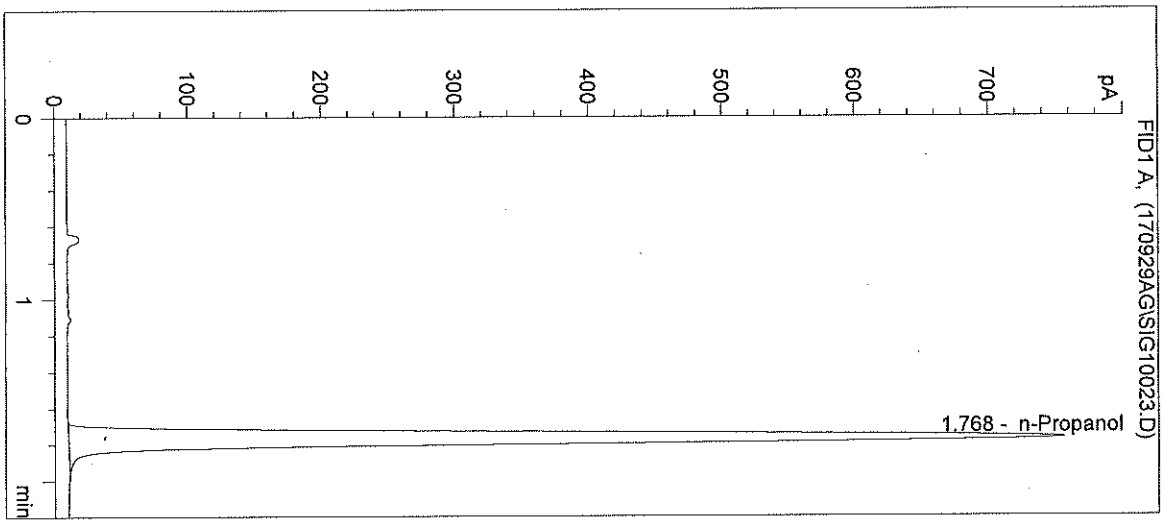


n-Propanol 0.012 g/100mL

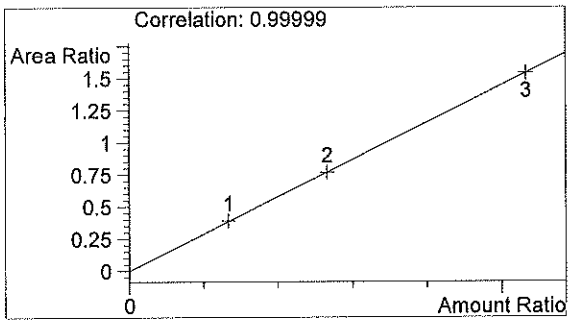
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 9/29/2017 1:26:58 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17059

Sample Name: NEG CTRL
Operator: Andrew Gingras
Location: Vial 23

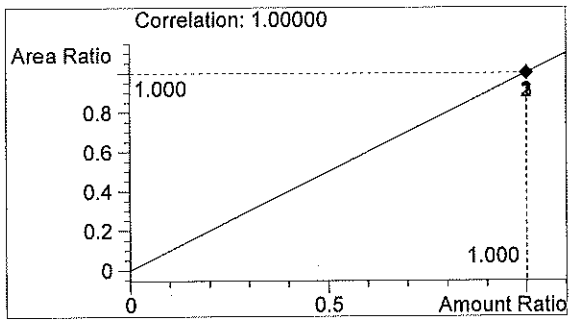


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	3162	1.768



Ethanol 0.000 g/100mL

PDT



n-Propanol 0.012 g/100mL

Data File: C:\HPCHEM\1\DATA\170929AG\SIG10023.D