



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 17010

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: 0.04 g/210L
DATE PREPARED: 01/26/2017
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Katie Harris

	KH	AG	JLK
1	0.051	0.051	0.051
2	0.051	0.051	0.051
3	0.051	0.051	0.051
4	0.050	0.050	0.051
5	0.050	0.050	0.051
C	0.100	0.102	0.102

ETHANOL CONTROL INFORMATION

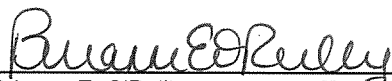
LOT NUMBER: FN08051301 EXPIRATION: 10/2018 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING

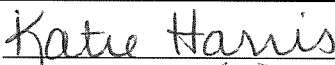

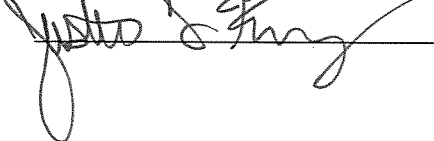
AVERAGE SOLUTION CONCENTRATION: 0.0507 g/100mL PRECISION CV (%): 0.90
STANDARD DEVIATION: 0.00046 NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.0412 g/210L**
EXPANDED UNCERTAINTY: ± 0.0010 (k=2, 95.45% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION


Brianne E. O'Reilly Technical Lead

3-2-2017
DATE REPORT ISSUED

ANALYST	NAME	SIGNATURE	DATE TESTED
KH	Katie Harris		01/26/2017
AG	Andrew Gingras		01/27/2017
JLK	Justin L. Knoy		01/27/2017

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. Page 1 of 1

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 3-13-17

Location: WSP-FLSB Seattle, WA Solution Batch Number: 17010

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

Comments:

Reviewer Signature:  Date: 3-13-17

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

QAP Solution Batch #: 17010

Date Prepared: 1/26/2017

Analyst:	KH	AG	JLK
Date Tested:	1/26/2017	1/27/2017	1/27/2017
Instrument:	HSGC #1	HSGC #1	HSGC #1
1	0.051	0.051	0.051
2	0.051	0.051	0.051
3	0.051	0.051	0.051
4	0.050	0.050	0.051
5	0.050	0.050	0.051
C	0.100	0.102	0.102

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000054269	0.0000432825	0.0001016326

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

Average Solution Concentration: 0.0507 g/100mL
 Standard Deviation: 0.00046 g/100mL
 Precision CV (%): 0.90
 Equivalent Vapor Concentration: 0.0412 g/210L
 Combined Standard Uncertainty (\pm): 0.0005 g/210L
 Expanded Uncertainty (\pm): 0.0010 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Brianne E. O'Reilly Brianne O'Reilly 2-28-17
 Name Signature Date

Calculations verified by: Amanda M. Black [Signature] 3-13-17 Method: Hand calculation
 Name Signature Date

Tech. review performed by: Brianne E. O'Reilly Brianne O'Reilly 2-28-17
 Name Signature Date

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	<i>AG</i>	3/2/17
Asa Louis		
Brittany Thomas		
Christie Mitchell-Mata		
Christopher Johnston		
David Nguyen		
Dawn Sklerov		
Elizabeth Wehner		
Justin Kroy	<i>JK</i>	3.1.17
Katie Harris	<i>KH</i>	2/28/17
Lyndsey Kroy		
Naziha Nuwayhid		
Rebecca Flaherty		

Batch # 17010
PLU 2-28-17

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

**0.04 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 17010**

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 quality assurance procedure (QAP) solution, Lot Number 17010, was prepared in the Washington State Toxicology Laboratory on 1/26/2017. 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 to perform a quality assurance procedure after 1/26/2018.

Seattle, WA

Katie Harris 2/28/17

Katie Harris

Date

Forensic Scientist



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

**0.04 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 17010**

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 quality assurance procedure (QAP) solution, Lot Number 17010, was prepared in the Washington State Toxicology Laboratory on 1/26/2017. 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 to perform a quality assurance procedure after 1/26/2018.

Seattle, WA

 3/2/2017

Andrew Gingras
Forensic Scientist

Date



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

**0.04 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 17010**

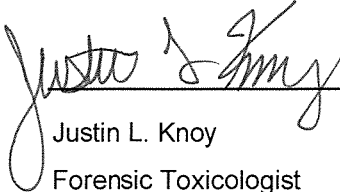
I, Justin L. Knoy, do certify under penalty of perjury that:

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 quality assurance procedure (QAP) solution, Lot Number 17010, was prepared in the Washington State Toxicology Laboratory on 1/26/2017. 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 to perform a quality assurance procedure after 1/26/2018.

Seattle, WA

 3-1-17
Justin L. Knoy Date
Forensic Toxicologist



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

Preparation Date: 1/26/17 Expiration Date: 1/26/18 Initials of Preparer: KH

Lot # of 200-proof Ethanol used in preparation: 2FE0139

Date the 200-proof Ethanol bottle was opened: 1/7/17

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	<input checked="" type="checkbox"/>	<u>17010</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>17011</u>
QAP 0.10	28.1	18	<input checked="" type="checkbox"/>	<u>17012</u>
QAP 0.15	42.1	18	<input checked="" type="checkbox"/>	<u>17013</u>
QAP 0.20	56.1	18	<input checked="" type="checkbox"/>	<u>17014</u>
ESS	66.5	52	<input type="checkbox"/>	<u> </u>

Stir bar is rotating

Stirred for minimum 30 minutes; 2 hours for ESS

Spigot purged

Aliquot taken

Batch labeled, packaged and sealed

1/26/17
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: Two values out of acceptable range for batch 17011. Batch 17011 will be discarded. KH 1/30/17

Katie Harris
Analyst Signature

1/26/17
Date

17010
Buo 2-28-17

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: 170126KH

Part of Methods to run: According to Runtime Checklist

Barcode Reader: not used

Shutdown Cmd/Macro: none

Sequence Comment:

CAL 1 (0.079g/100mL) - LOT# E0916-01 - EXP 3/15/2017
 CAL 2 (0.158g/100mL) - LOT# E0916-02 - EXP 3/15/2017
 CAL 3 (0.316g/100mL) - LOT# E0916-03 - EXP 3/15/2017
 CTRL 1 (0.04g/100mL) - LOT# FN12181501 - EXP 12/2020
 CTRL 2 (0.10g/100mL) - LOT# FN08051301 - EXP 10/2018
 CTRL 3 (0.20g/100mL) - LOT# FN08101505 - EXP 02/2021
 n-Propanol ISTD - LOT# P1116 - Exp 02/23/2017

Standard data located in Batch File 17010

17010
 RW 2-28-17

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	17010-1	SIMALC1	1	Sample		
11	Vial 11	17010-2	SIMALC1	1	Sample		
12	Vial 12	17010-3	SIMALC1	1	Sample		
13	Vial 13	17010-4	SIMALC1	1	Sample		
14	Vial 14	17010-5	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	17011-1	SIMALC1	1	Sample		
18	Vial 18	17011-2	SIMALC1	1	Sample		
19	Vial 19	17011-3	SIMALC1	1	Sample		
20	Vial 20	17011-4	SIMALC1	1	Sample		
21	Vial 21	17011-5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		
24	Vial 24	17012-1	SIMALC1	1	Sample		
25	Vial 25	17012-2	SIMALC1	1	Sample		
26	Vial 26	17012-3	SIMALC1	1	Sample		

KH

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	17012-4	SIMALC1	1	Sample		
28	Vial 28	17012-5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC1	1	Ctrl Samp		
31	Vial 31	17013-1	SIMALC1	1	Sample		
32	Vial 32	17013-2	SIMALC1	1	Sample		
33	Vial 33	17013-3	SIMALC1	1	Sample		
34	Vial 34	17013-4	SIMALC1	1	Sample		
35	Vial 35	17013-5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC1	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC1	1	Ctrl Samp		
38	Vial 38	17014-1	SIMALC1	1	Sample		
39	Vial 39	17014-2	SIMALC1	1	Sample		
40	Vial 40	17014-3	SIMALC1	1	Sample		
41	Vial 41	17014-4	SIMALC1	1	Sample		
42	Vial 42	17014-5	SIMALC1	1	Sample		
43	Vial 43	0.10 CTRL	SIMALC1	1	Ctrl Samp		
44	Vial 44	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!

17010
 BUO 2.28.17

KH

=====
Calibration Table
=====

Calib. Data Modified : Thursday, January 26, 2017 11:10:52 AM
Calculate : Internal Standard
Based on : Peak Area
Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing
Curve Type : Linear
Origin : Included
Weight : Equal
Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

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

Sample ISTD Information:

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

17010
BLU 2-28-17

Signal 1: FID1 A,

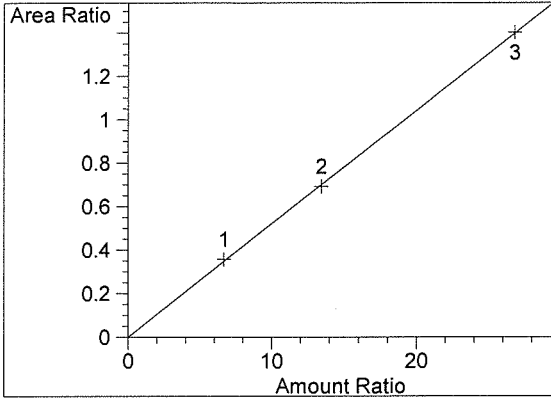
RetTime [min]	Lvl Sig	Amount [g/100mL]	Area	Amt/Area	Ref Grp Name
1.088	1 1	8.00100e-2	1046.42810	7.64601e-5	1 Ethanol
	2	1.61200e-1	1977.98120	8.14972e-5	
	3	3.21790e-1	4148.44727	7.75688e-5	
1.766	1 1	1.20000e-2	2940.93994	4.08033e-6	I1 n-Propanol
	2	1.20000e-2	2858.76196	4.19762e-6	
	3	1.20000e-2	2959.25537	4.05507e-6	

=====
Peak Sum Table
=====

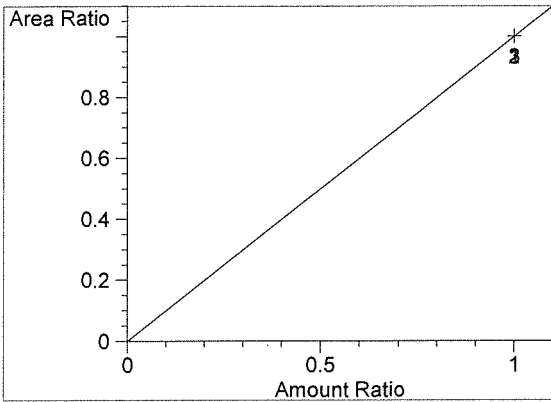
No Entries in table
=====

KN

=====
Calibration Curves
=====



Ethanol at exp. RT: 1.088
FID1 A,
Correlation: 0.99993
Residual Std. Dev.: 0.00866
Formula: $y = mx + b$
m: 5.21390e-2
b: 8.45292e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.766
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

=====

17010
BUO 2-28-17

KH

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

Inj. Date: 1/26/2017 10:58:47 AM

Sample Name: BLANK

Instrument: HSGC#1

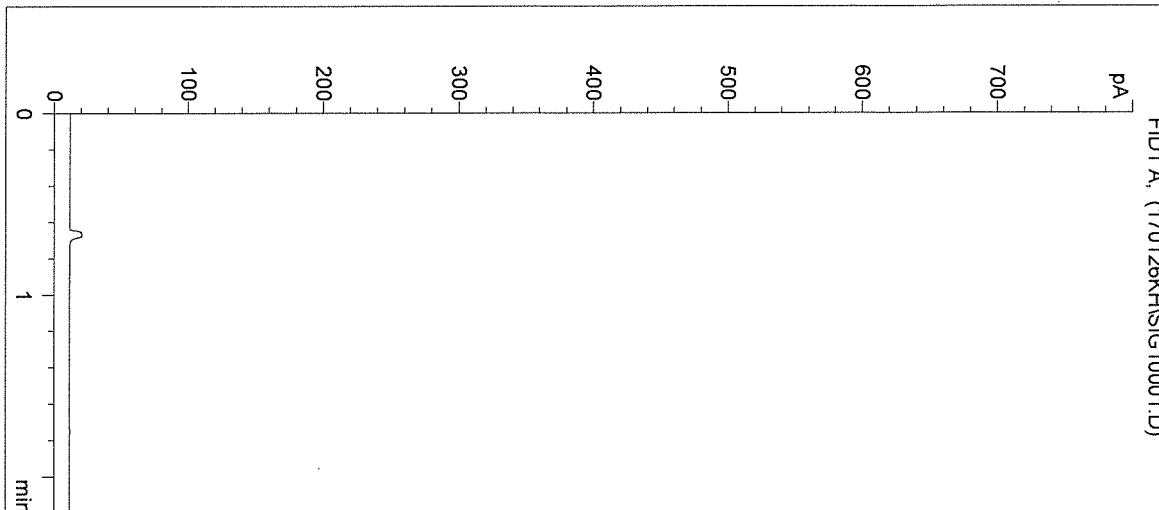
Operator: Katie Harris

Column: DB-ALC1

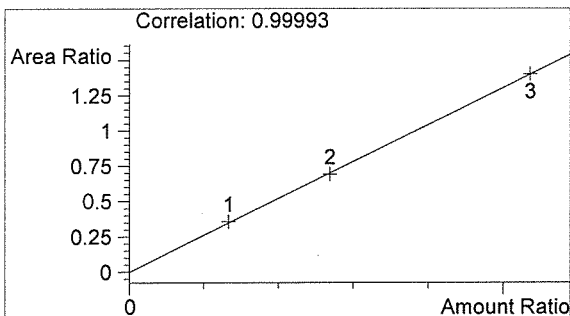
Location: Vial 1

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

Sample Info: 17010

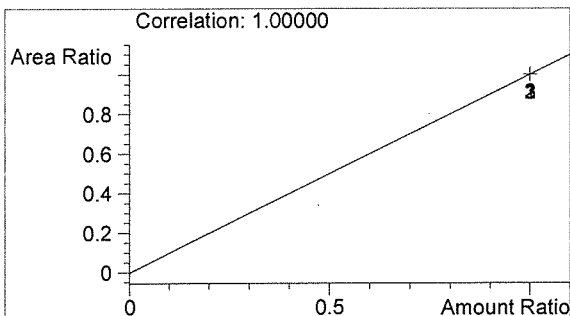


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

AWD



n-Propanol 0.000 g/100mL

KH

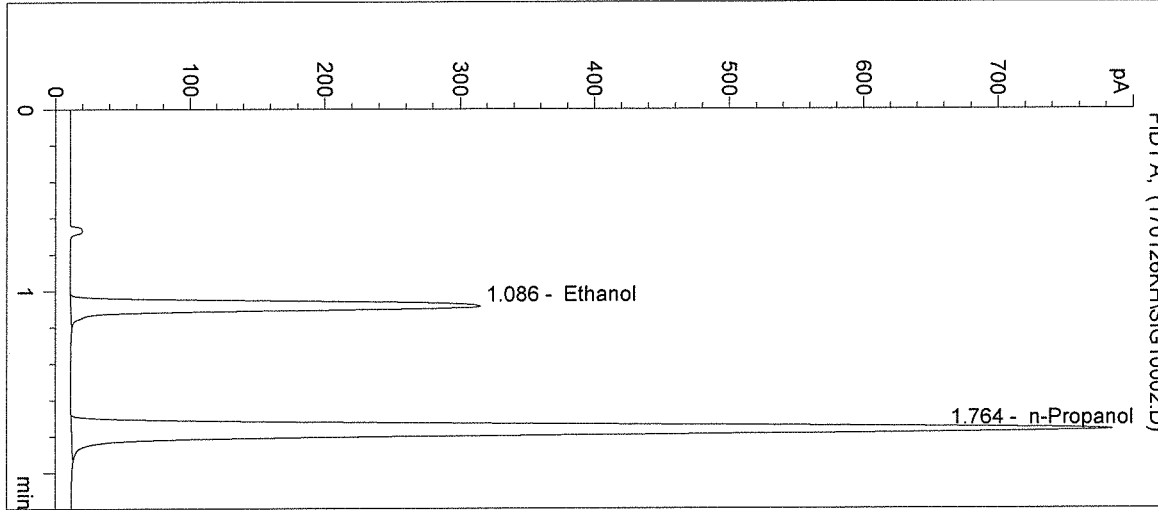
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/26/2017 11:02:04 AM
 Instrument: HSGC#1

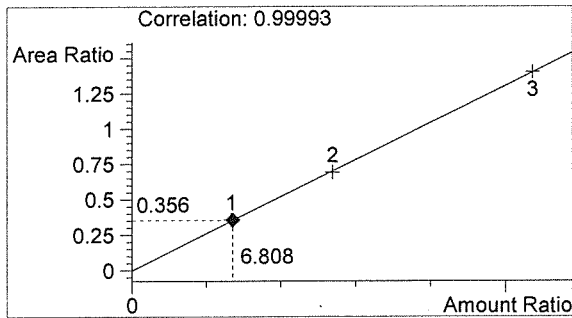
Sample Name: 0.079 CAL 1
 Operator: Katie Harris
 Location: Vial 2

Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Info: 17010

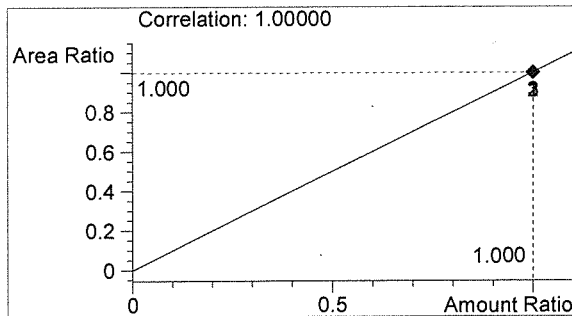


#	Compound	Peak Area	RT (min)
1	Ethanol	1046	1.086
2	n-Propanol	2941	1.764



Ethanol 0.082 g/100mL

AWD



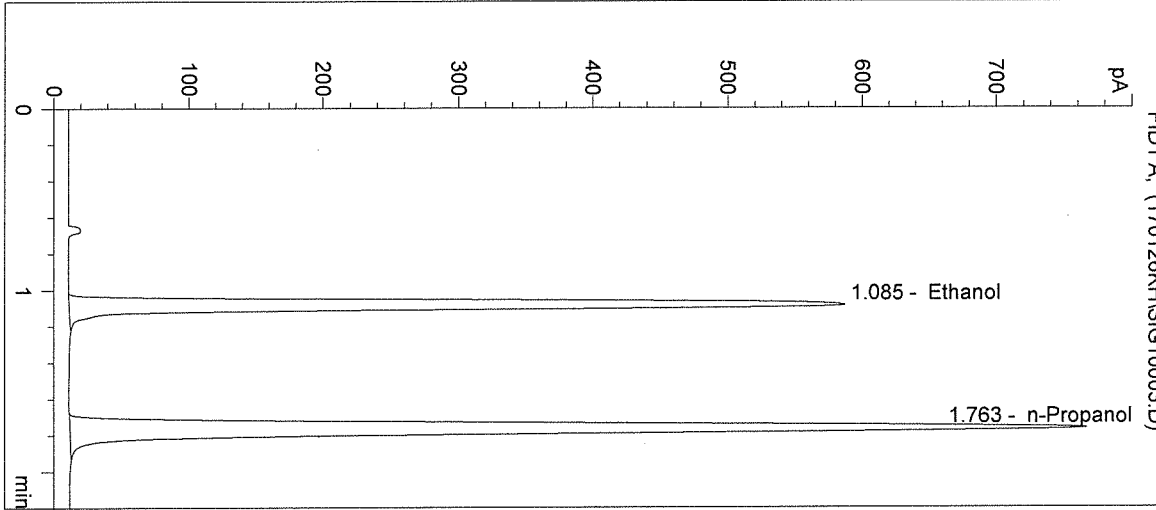
n-Propanol 0.012 g/100mL

KH

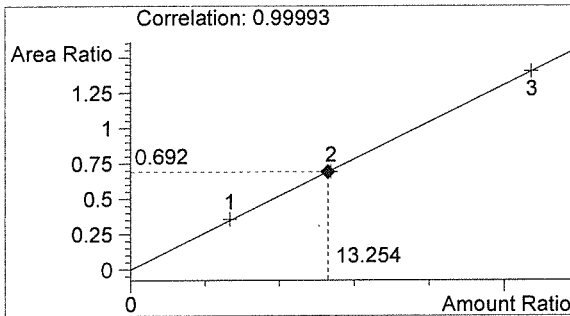
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/26/2017 11:05:21 AM
 Instrument: HSGC#1
 Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info: 17010

Sample Name: 0.158 CAL 2
 Operator: Katie Harris
 Location: Vial 3

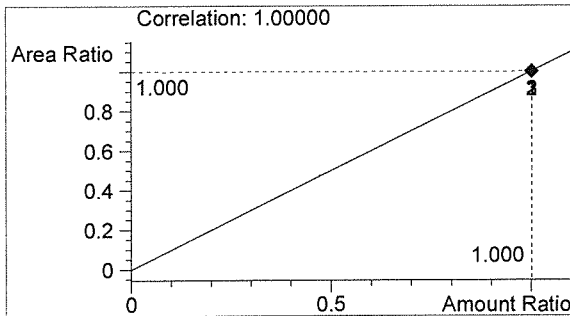


#	Compound	Peak Area	RT (min)
1	Ethanol	1978	1.085
2	n-Propanol	2859	1.763



Ethanol 0.159 g/100mL

AWO



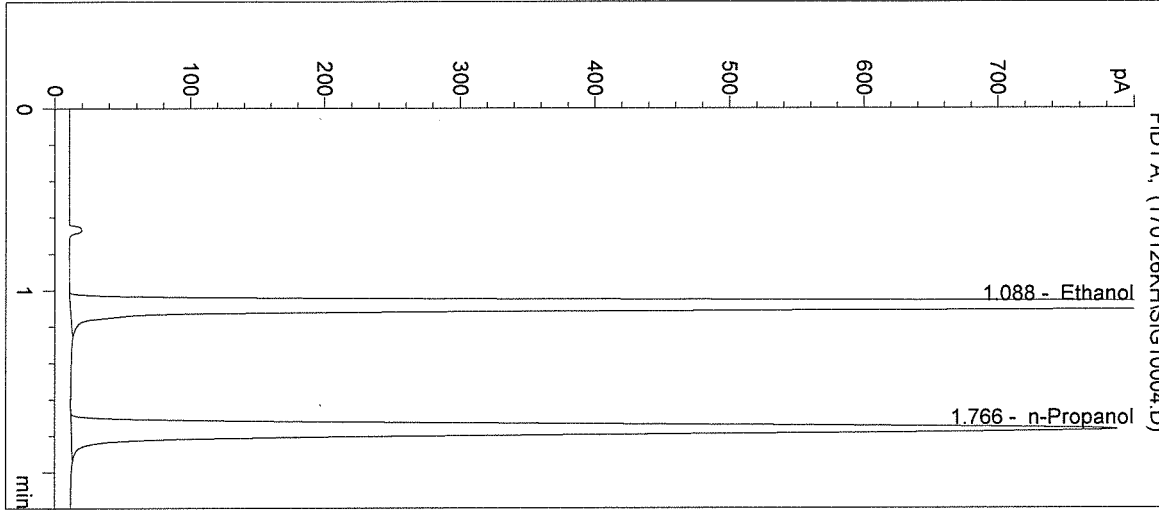
n-Propanol 0.012 g/100mL

KH

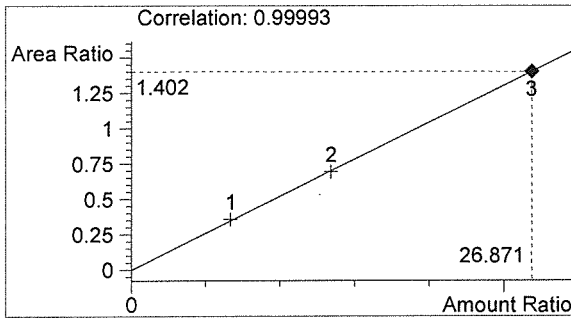
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/26/2017 11:08:38 AM
 Instrument: HSGC#1
 Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info: 17010

Sample Name: 0.316 CAL 3
 Operator: Katie Harris
 Location: Vial 4

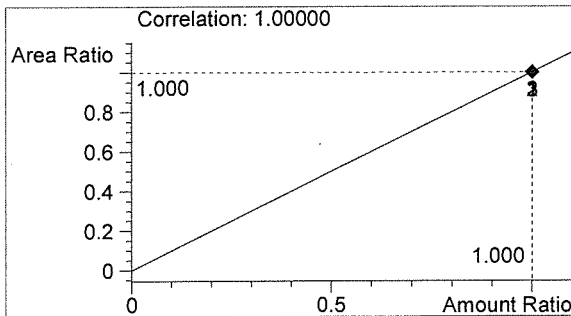


#	Compound	Peak Area	RT (min)
1	Ethanol	4148	1.088
2	n-Propanol	2959	1.766



Ethanol 0.322 g/100mL

BW



n-Propanol 0.012 g/100mL

KH

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

Inj. Date: 1/26/2017 11:11:51 AM

Sample Name: NEG CTRL

Instrument: HSGC#1

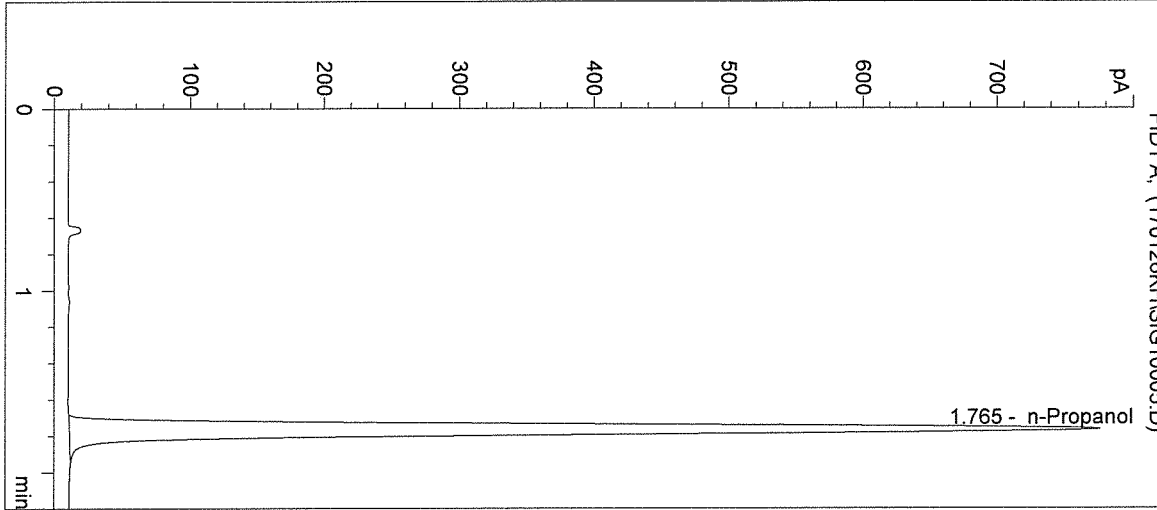
Operator: Katie Harris

Column: DB-ALC1

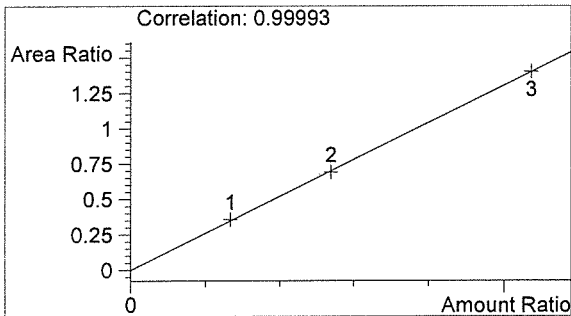
Location: Vial 5

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

Sample Info: 17010

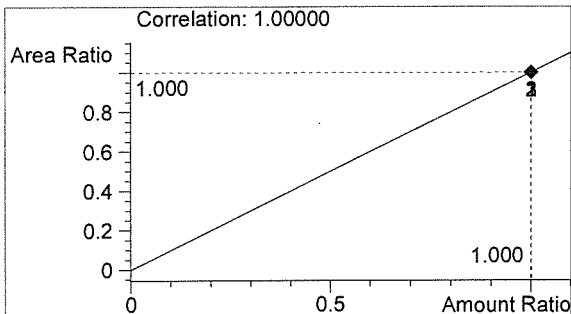


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2919	1.765



Ethanol 0.000 g/100mL

BLW



n-Propanol 0.012 g/100mL

KH

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

Inj. Date: 1/26/2017 11:15:05 AM

Sample Name: 0.04 CTRL

Instrument: HSGC#1

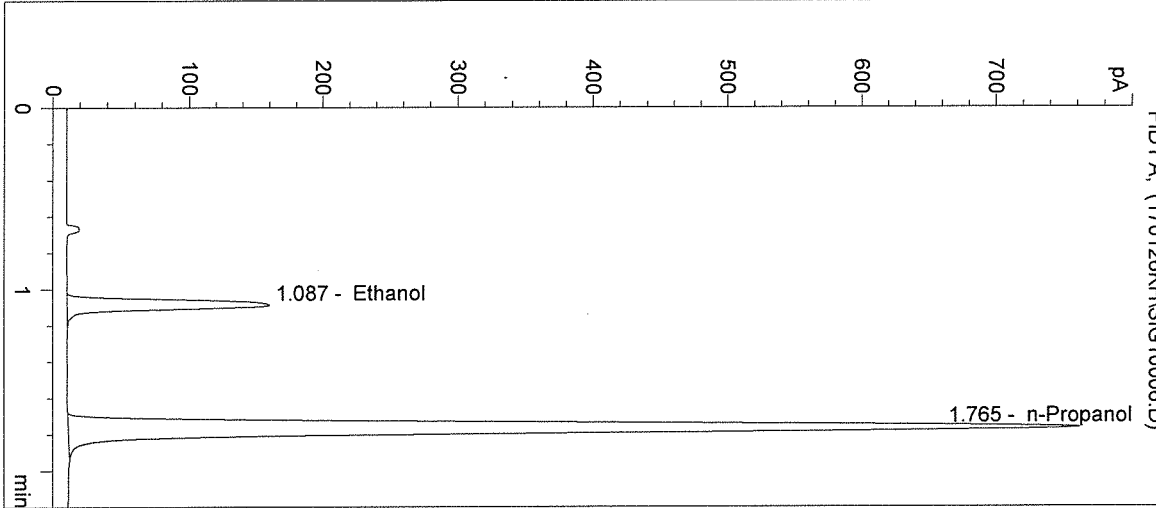
Operator: Katie Harris

Column: DB-ALC1

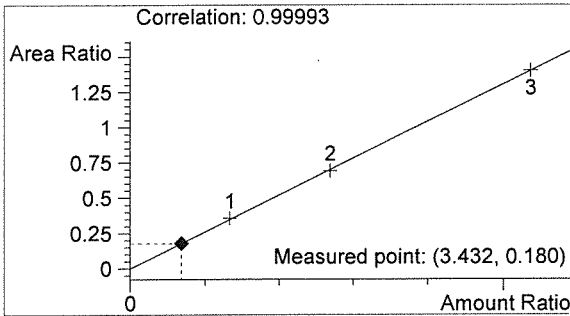
Location: Vial 6

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

Sample Info: 17010

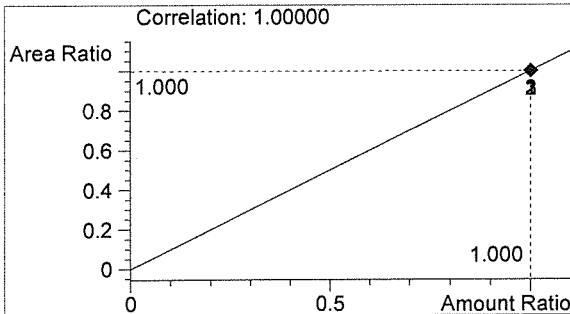


#	Compound	Peak Area	RT (min)
1	Ethanol	514	1.087
2	n-Propanol	2857	1.765



Ethanol 0.041 g/100mL

AWO



n-Propanol 0.012 g/100mL

KH

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

Inj. Date: 1/26/2017 11:18:18 AM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

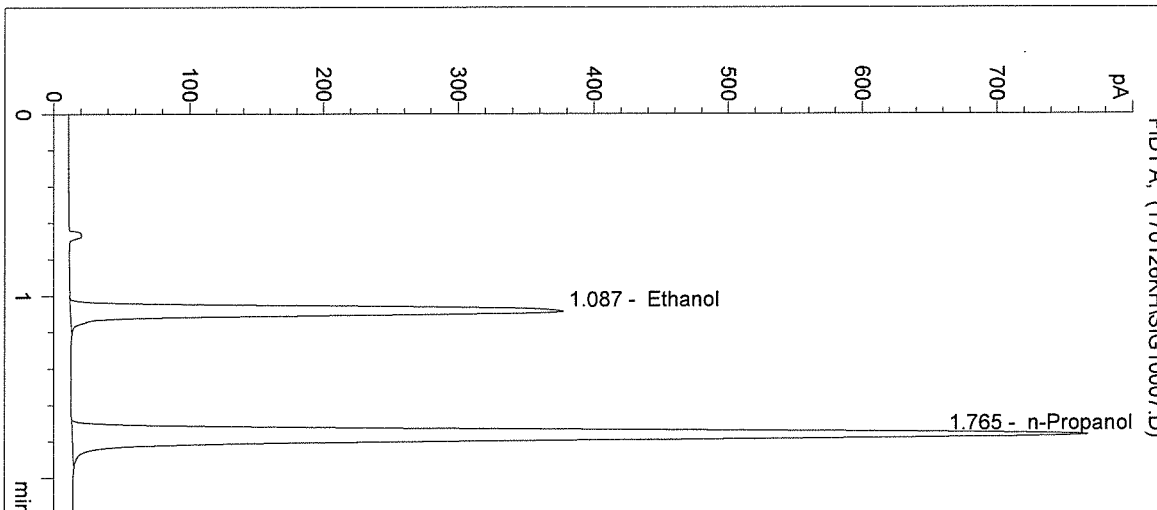
Operator: Katie Harris

Column: DB-ALC1

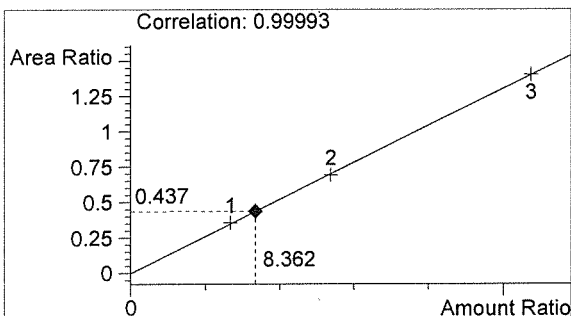
Location: Vial 7

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

Sample Info: 17010

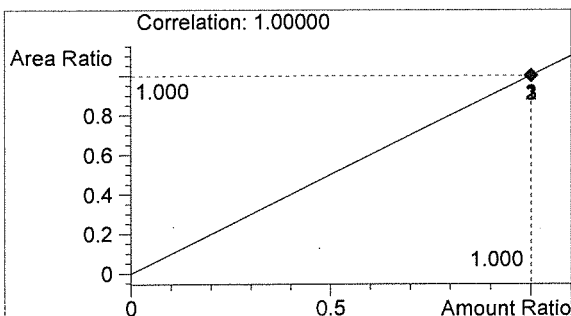


#	Compound	Peak Area	RT (min)
1	Ethanol	1256	1.087
2	n-Propanol	2875	1.765



Ethanol 0.100 g/100mL

BW



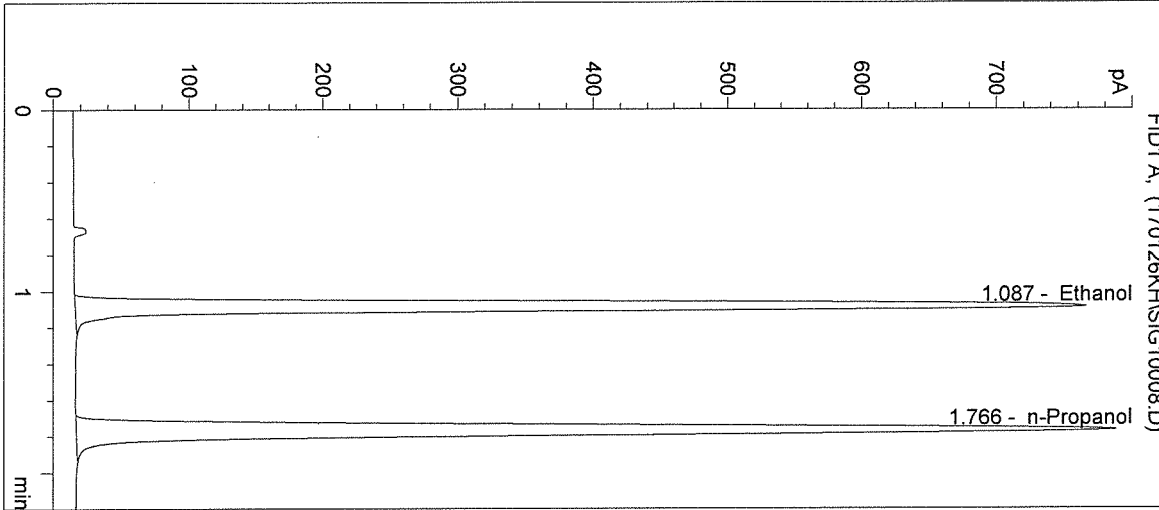
n-Propanol 0.012 g/100mL

KH

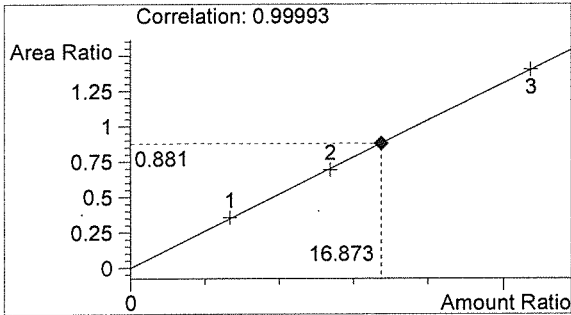
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/26/2017 11:21:31 AM
 Instrument: HSGC#1
 Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info: 17010

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

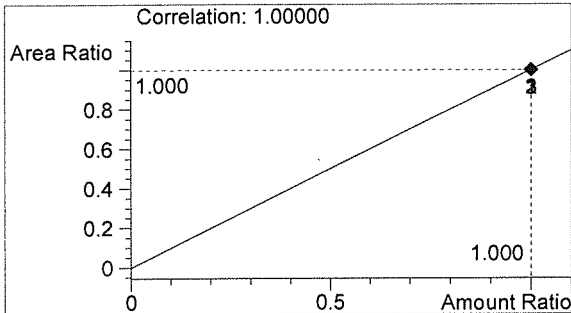


#	Compound	Peak Area	RT (min)
1	Ethanol	2586	1.087
2	n-Propanol	2937	1.766



Ethanol 0.202 g/100mL

Puo



n-Propanol 0.012 g/100mL

KH

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

Inj. Date: 1/26/2017 11:24:45 AM

Sample Name: NEG CTRL

Instrument: HSGC#1

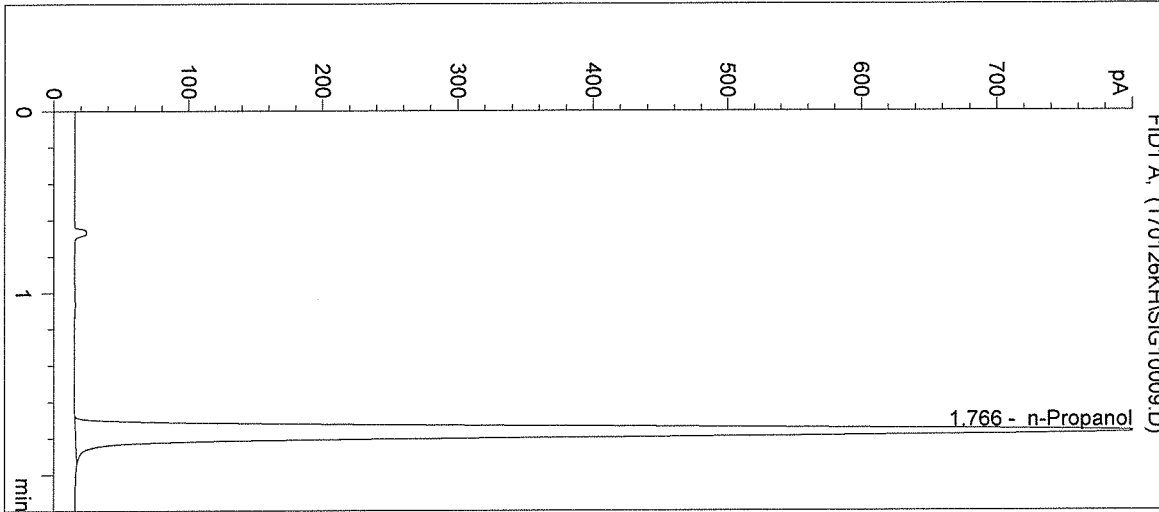
Operator: Katie Harris

Column: DB-ALC1

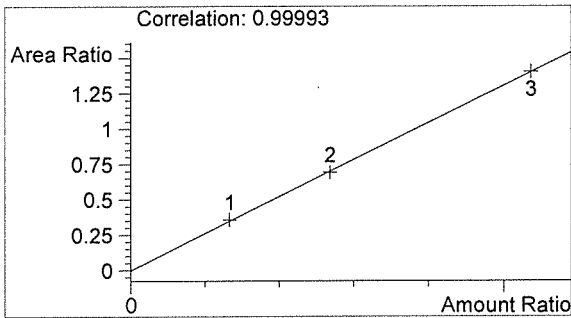
Location: Vial 9

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

Sample Info: 17010

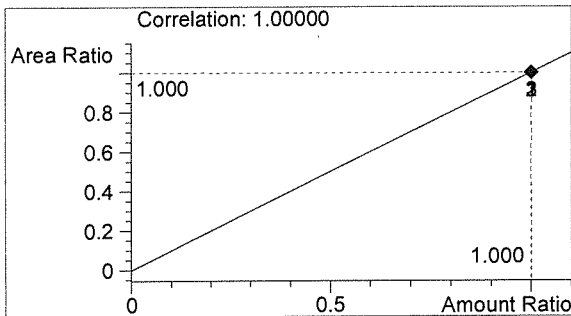


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	3029	1.766



Ethanol 0.000 g/100mL

PLU



n-Propanol 0.012 g/100mL

KH

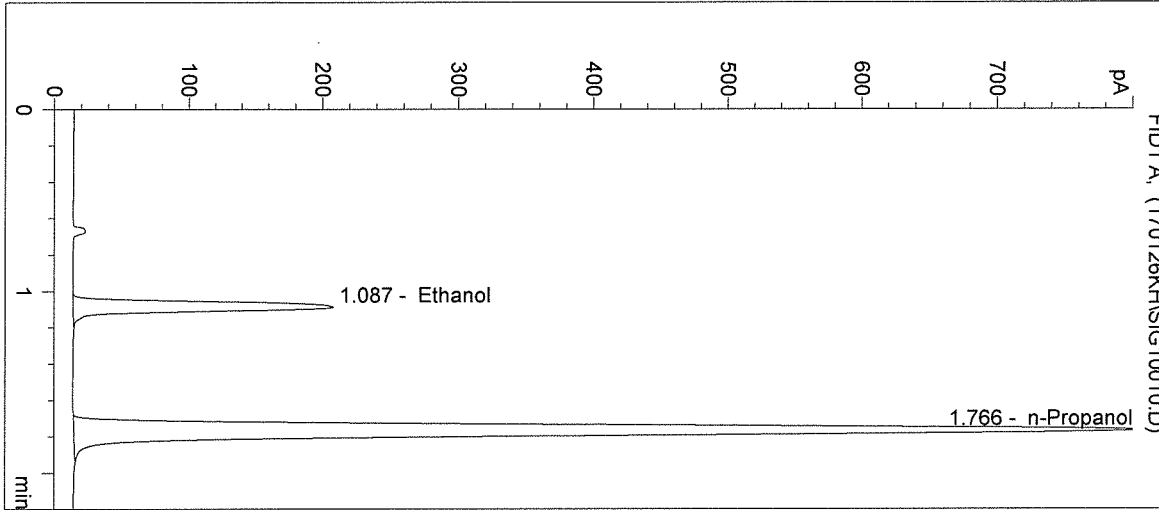
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/26/2017 11:27:58 AM
 Instrument: HSGC#1
 Column: DB-ALC1

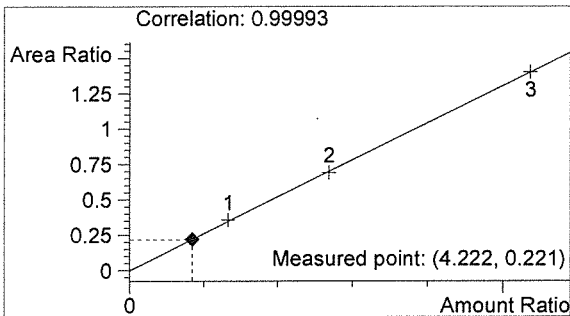
Sample Name: 17010-1
 Operator: Katie Harris
 Location: Vial 10

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

Sample Info:

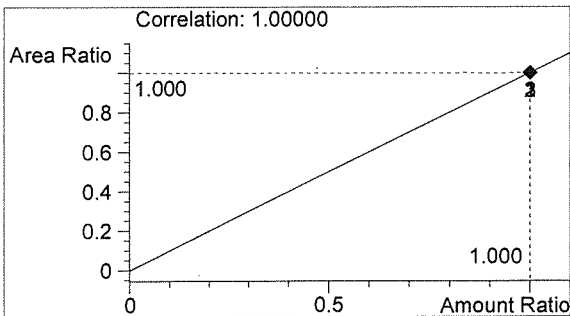


#	Compound	Peak Area	RT (min)
1	Ethanol	669	1.087
2	n-Propanol	3027	1.766



Ethanol 0.051 g/100mL

PLU



n-Propanol 0.012 g/100mL

KX1

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

Inj. Date: 1/26/2017 11:31:11 AM

Sample Name: 17010-2

Instrument: HSGC#1

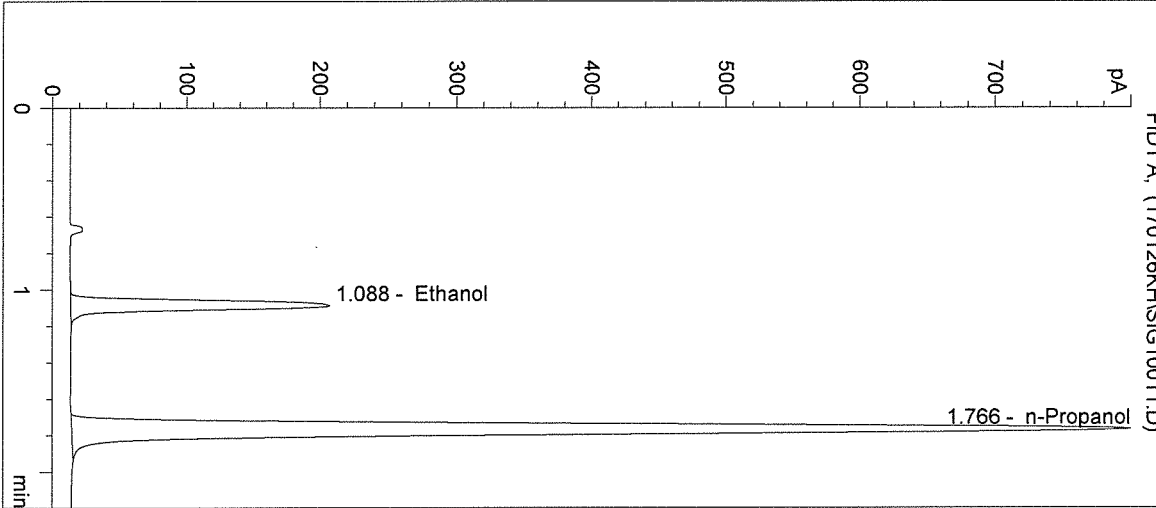
Operator: Katie Harris

Column: DB-ALC1

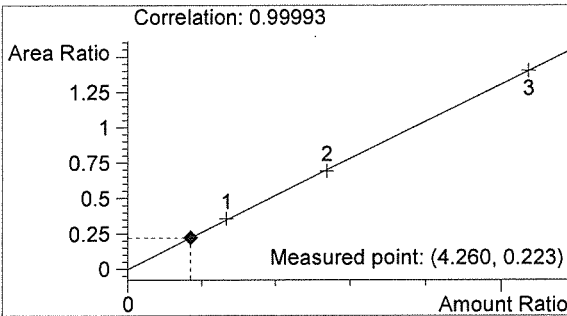
Location: Vial 11

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

Sample Info:

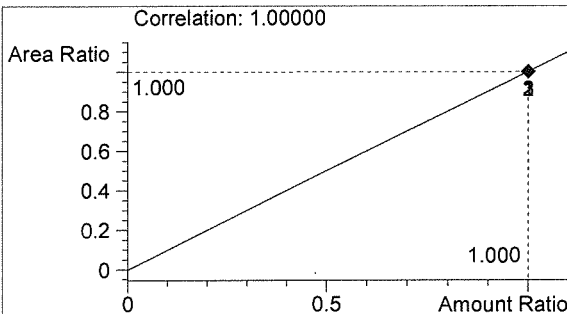


#	Compound	Peak Area	RT (min)
1	Ethanol	670	1.088
2	n-Propanol	3006	1.766



Ethanol 0.051 g/100mL

RUW



n-Propanol 0.012 g/100mL

KH

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

Inj. Date: 1/26/2017 11:34:25 AM

Sample Name: 17010-3

Instrument: HSGC#1

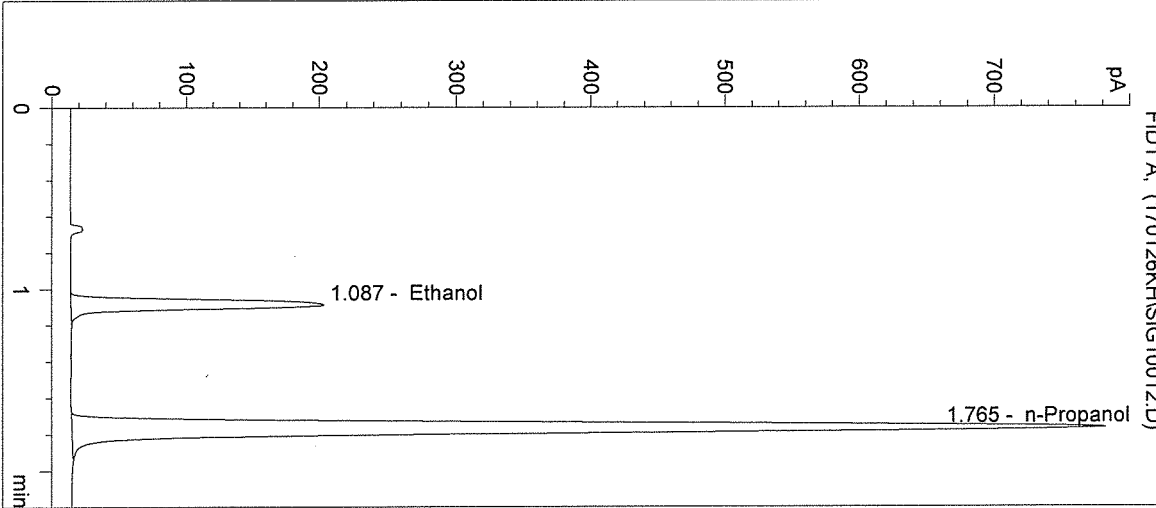
Operator: Katie Harris

Column: DB-ALC1

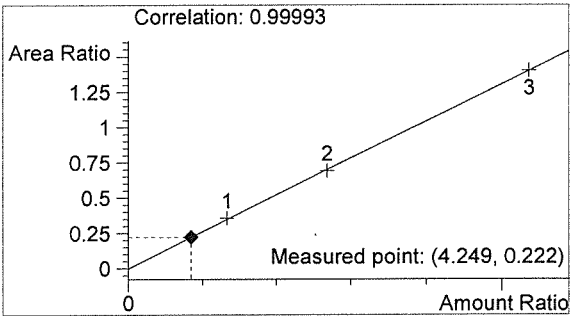
Location: Vial 12

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

Sample Info:

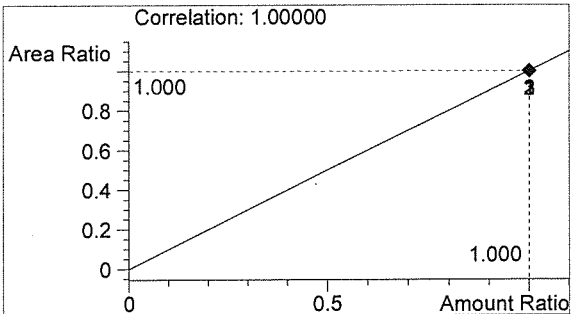


#	Compound	Peak Area	RT (min)
1	Ethanol	650	1.087
2	n-Propanol	2921	1.765



Ethanol 0.051 g/100mL

PLU



n-Propanol 0.012 g/100mL

KH

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

Inj. Date: 1/26/2017 11:37:38 AM

Sample Name: 17010-4

Instrument: HSGC#1

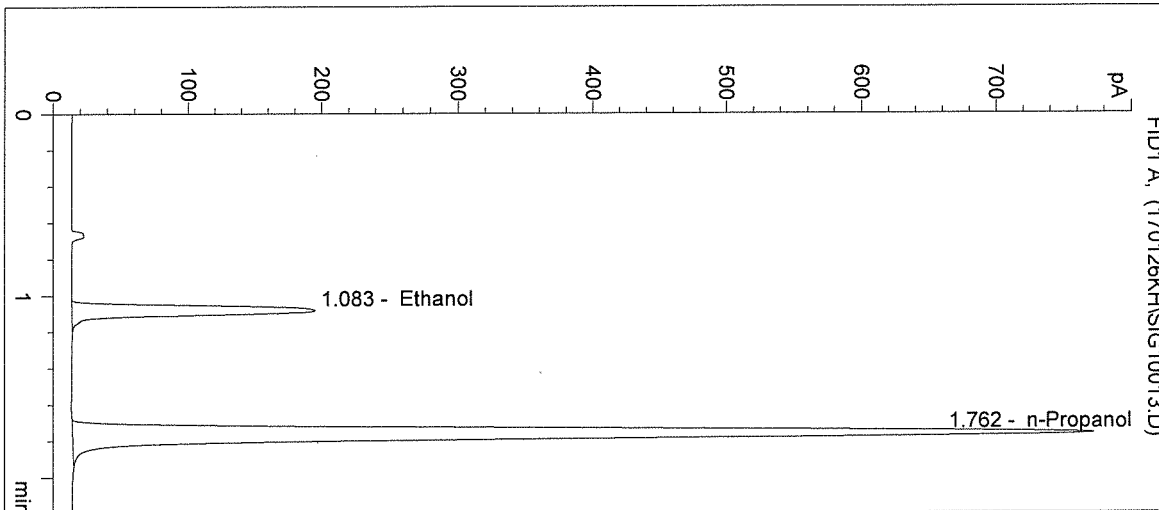
Operator: Katie Harris

Column: DB-ALC1

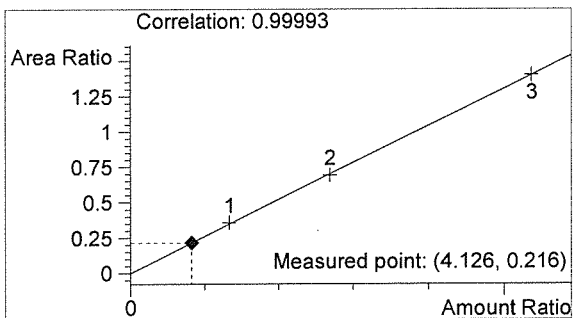
Location: Vial 13

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

Sample Info:

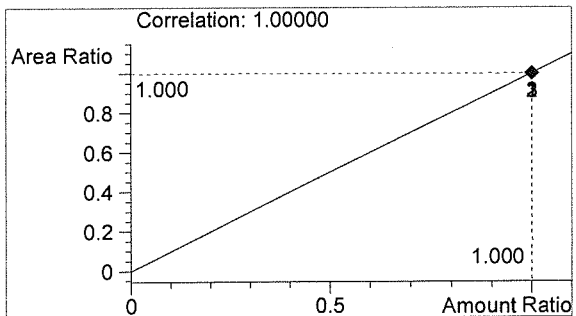


#	Compound	Peak Area	RT (min)
1	Ethanol	620	1.083
2	n-Propanol	2872	1.762



Ethanol 0.050 g/100mL

RWD



n-Propanol 0.012 g/100mL

KH

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

Inj. Date: 1/26/2017 11:40:51 AM

Sample Name: 17010-5

Instrument: HSGC#1

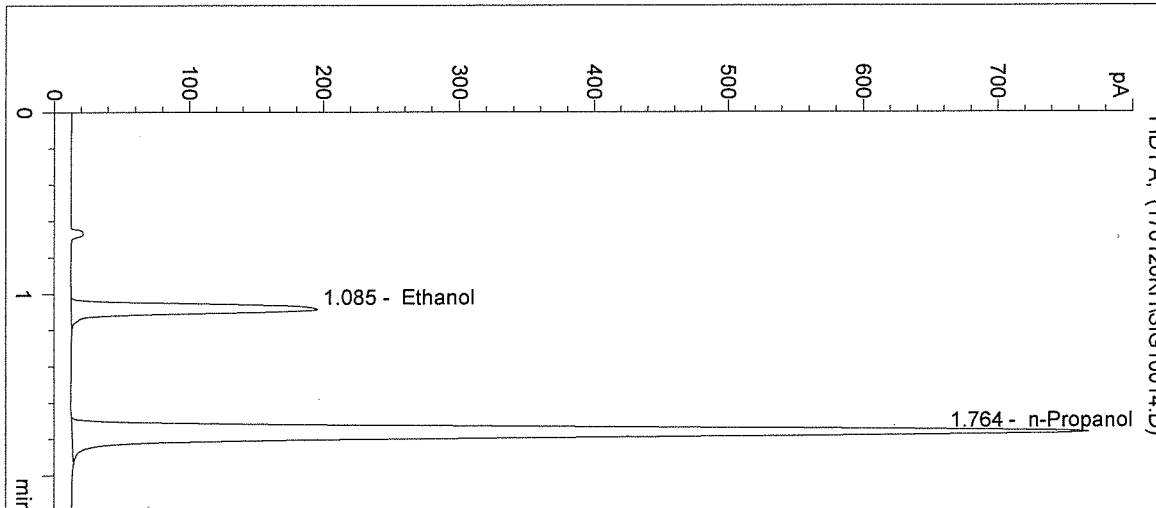
Operator: Katie Harris

Column: DB-ALC1

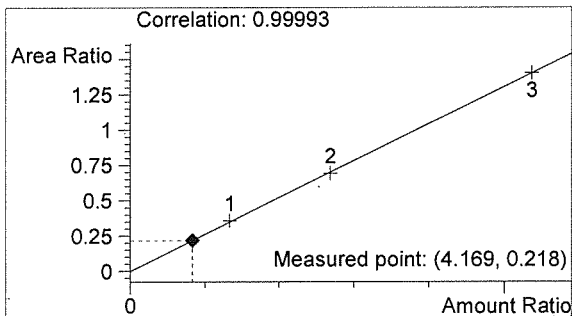
Location: Vial 14

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

Sample Info:

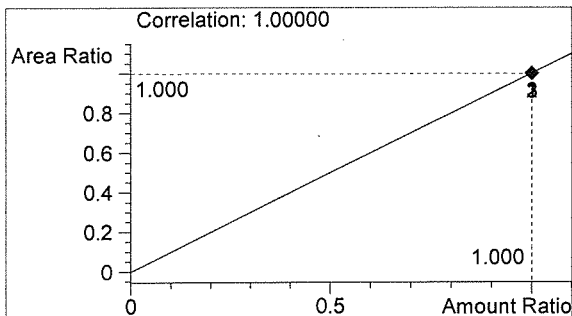


#	Compound	Peak Area	RT (min)
1	Ethanol	624	1.085
2	n-Propanol	2862	1.764



Ethanol 0.050 g/100mL

RW



n-Propanol 0.012 g/100mL

KH

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

Inj. Date: 1/26/2017 11:44:05 AM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

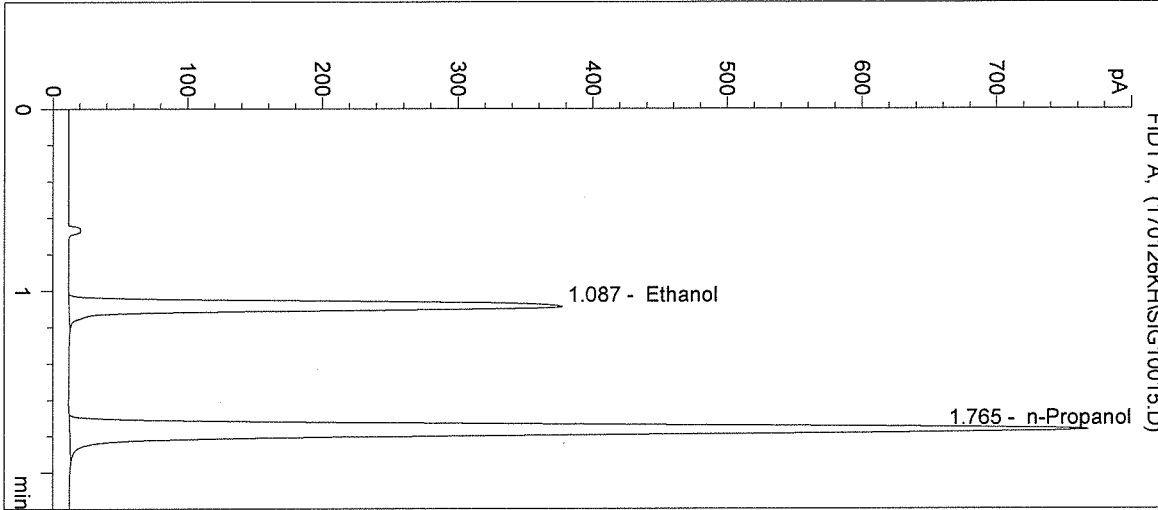
Operator: Katie Harris

Column: DB-ALC1

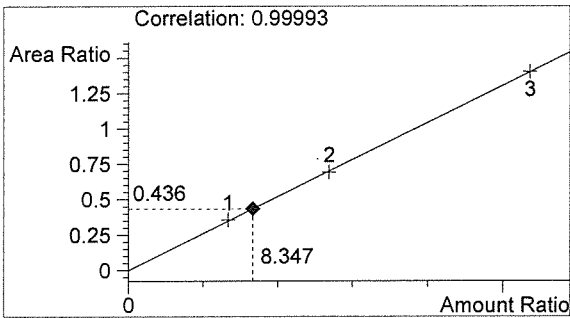
Location: Vial 15

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

Sample Info: 17010

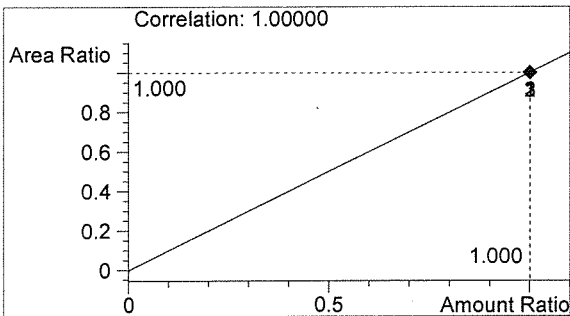


#	Compound	Peak Area	RT (min)
1	Ethanol	1252	1.087
2	n-Propanol	2871	1.765



Ethanol 0.100 g/100mL

PLW



n-Propanol 0.012 g/100mL

KH

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

Inj. Date: 1/26/2017 11:47:17 AM

Sample Name: NEG CTRL

Instrument: HSGC#1

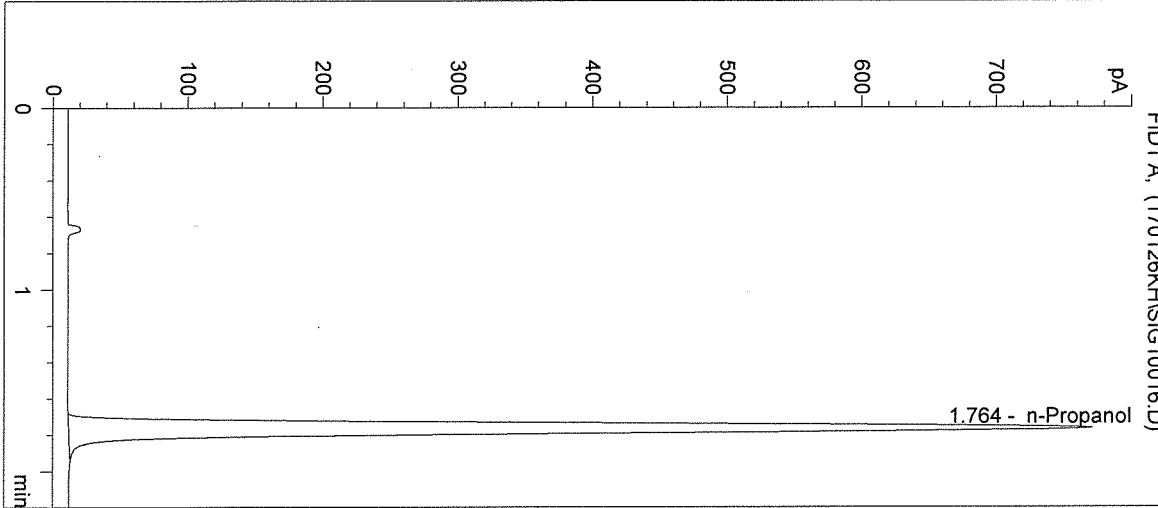
Operator: Katie Harris

Column: DB-ALC1

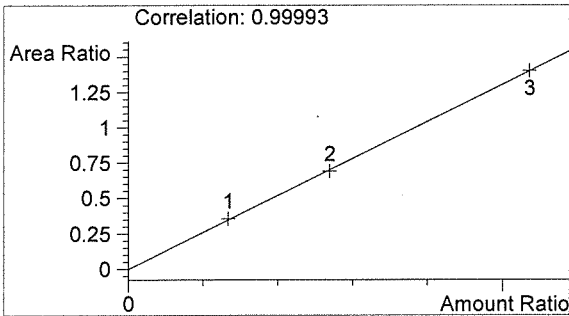
Location: Vial 16

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

Sample Info: 17010

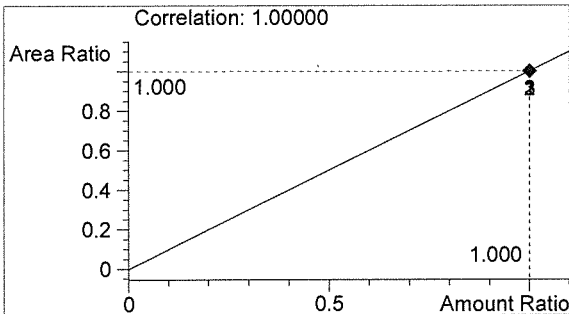


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2880	1.764



Ethanol 0.000 g/100mL

PLW



n-Propanol 0.012 g/100mL

OK

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: 170127AG
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

CAL 1 (0.079g/100mL) - LOT# E0916-01 - EXP 3/15/2017
 CAL 2 (0.158g/100mL) - LOT# E0916-02 - EXP 3/15/2017
 CAL 3 (0.316g/100mL) - LOT# E0916-03 - EXP 3/15/2017
 CTRL 1 (0.04g/100mL) - LOT# FN12181501 - EXP 12/2020
 CTRL 2 (0.10g/100mL) - LOT# FN08051301 - EXP 10/2018
 CTRL 3 (0.20g/100mL) - LOT# FN08101505 - EXP 02/2021
 n-Propanol ISTD - LOT# ~~R1116 - Exp 02/23/2017~~

Standard data located in Batch File 17010
 Diluter #2

PS117 exp 4/20/2017 *11/27/17*

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	17010-1	SIMALC1	1	Sample		
11	Vial 11	17010-2	SIMALC1	1	Sample		
12	Vial 12	17010-3	SIMALC1	1	Sample		
13	Vial 13	17010-4	SIMALC1	1	Sample		
14	Vial 14	17010-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL	SIMALC1	1	Ctrl Samp		

AWO

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		

AG

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

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

Sequence Table (Back Injector):

No entries - empty table!

17010

PLU 2-28-17

=====
 Calibration Table
 =====

Calib. Data Modified : Friday, January 27, 2017 7:15:51 AM

Calculate : Internal Standard
 Based on : Peak Area

Rel. Reference Window : 5.000 %
 Abs. Reference Window : 0.050 min
 Rel. Non-ref. Window : 5.000 %
 Abs. Non-ref. Window : 0.050 min
 Multiplier : 1.0000
 Dilution : 1.0000
 Sample Amount : 0.00000

Use Multiplier & Dilution Factor with ISTDs
 Uncalibrated Peaks : not reported
 Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
 Origin : Included
 Weight : Equal

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

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

Sample ISTD Information:

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

17010
 BLW 2-28-17

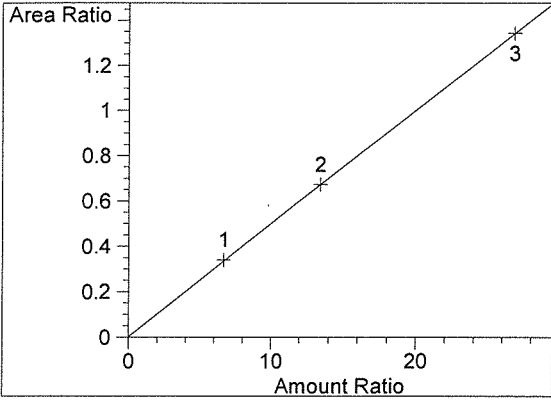
Signal 1: FID1 A,

RetTime [min]	Lvl Sig	Amount [g/100mL]	Area	Amt/Area	Ref Grp Name
1.084	1 1	8.00100e-2	972.53076	8.22699e-5	1 Ethanol
		2 1.61200e-1	1970.56445	8.18040e-5	
		3 3.21790e-1	3828.92383	8.40419e-5	
1.763	1 1	1.20000e-2	2859.42041	4.19665e-6	I1 n-Propanol
		2 1.20000e-2	2930.26733	4.09519e-6	
		3 1.20000e-2	2848.51660	4.21272e-6	

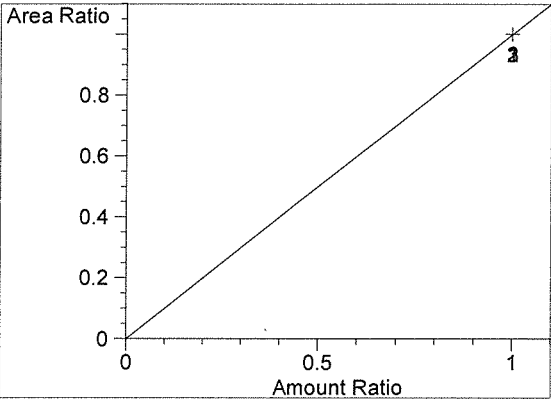
=====
 Peak Sum Table
 =====

No Entries in table
 =====

=====
Calibration Curves
=====



Ethanol at exp. RT: 1.084
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00366
Formula: $y = mx + b$
m: 5.00468e-2
b: 2.18834e-3
x: Amount Ratio
y: Area Ratio



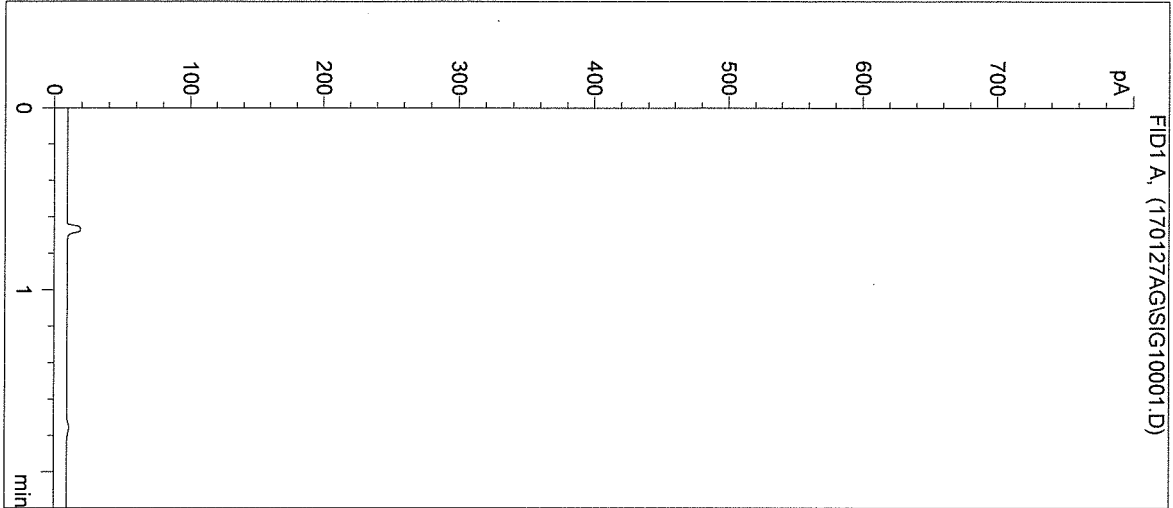
n-Propanol at exp. RT: 1.763
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

=====

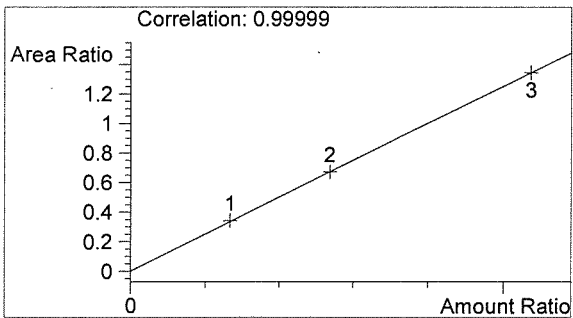
17010
Blu 2.28.17

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

Inj. Date: 1/27/2017 7:03:46 AM Sample Name: BLANK
Instrument: HSGC#1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17010

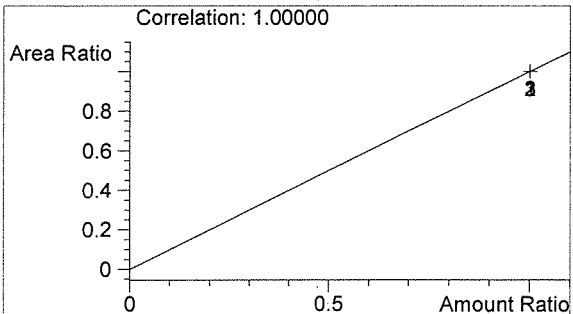


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

AWD

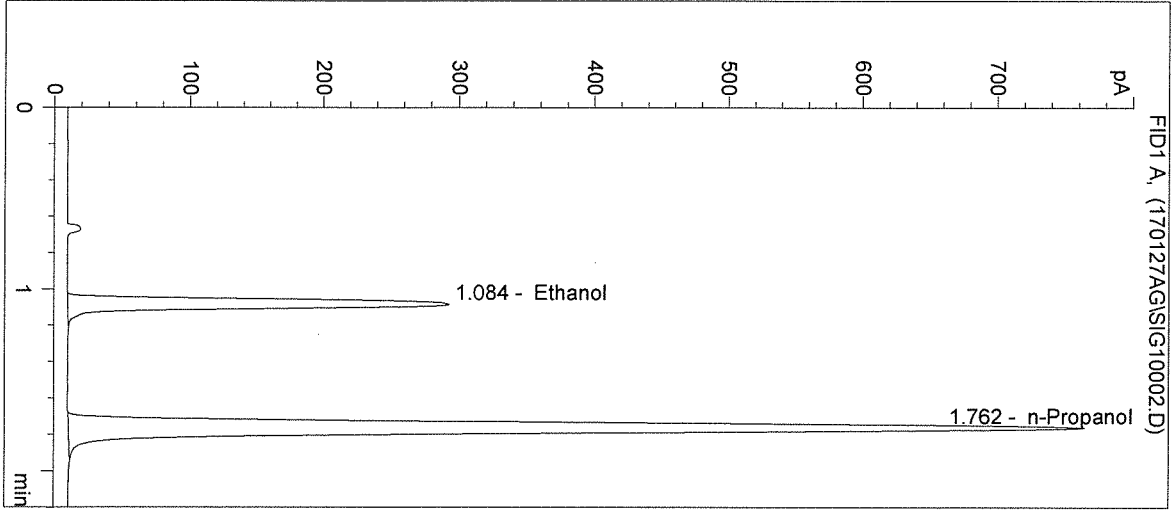


n-Propanol 0.000 g/100mL

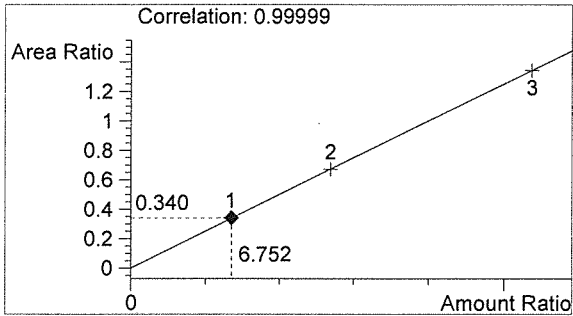
JB

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

Inj. Date: 1/27/2017 7:07:02 AM Sample Name: 0.079 CAL 1
Instrument: HSGC#1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 2
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17010

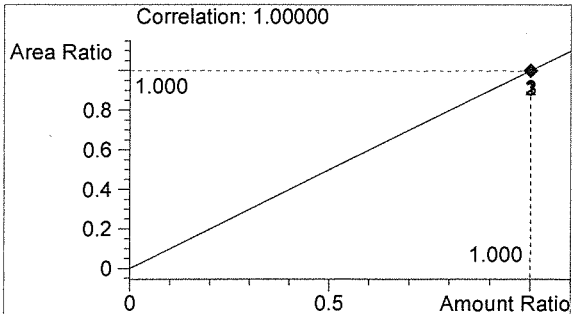


#	Compound	Peak Area	RT (min)
1	Ethanol	973	1.084
2	n-Propanol	2859	1.762



Ethanol 0.081 g/100mL

AWD



n-Propanol 0.012 g/100mL

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

Inj. Date: 1/27/2017 7:10:20 AM

Sample Name: 0.158 CAL 2

Instrument: HSGC#1

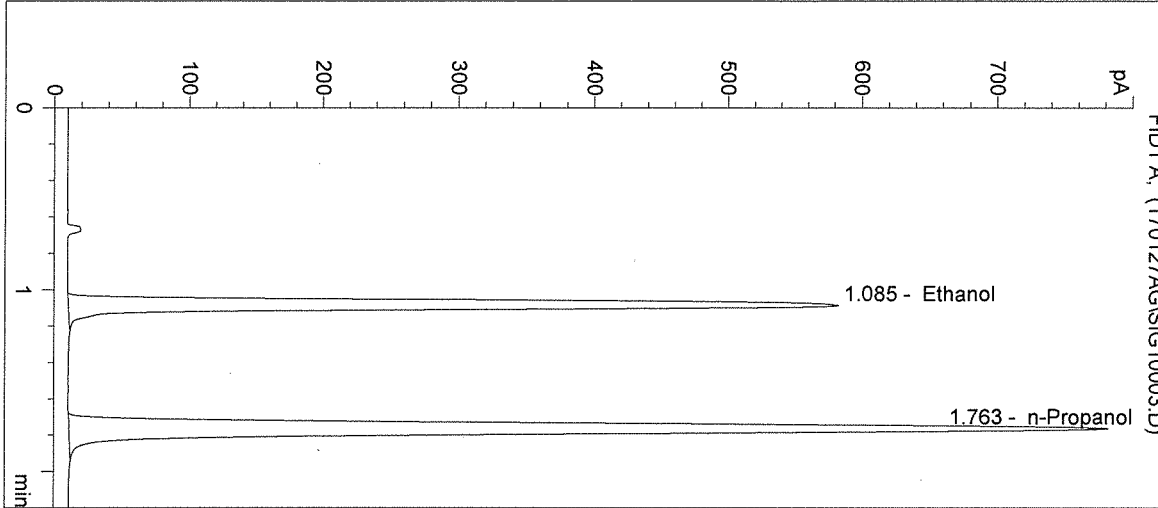
Operator: Andrew Gingras

Column: DB-ALC1

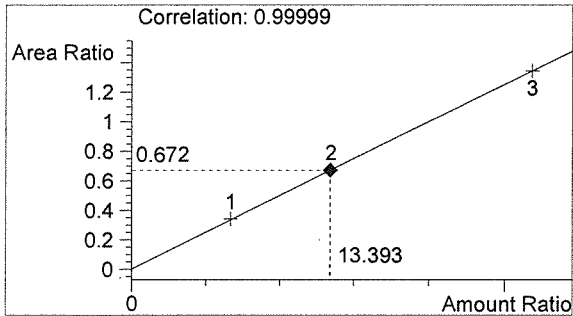
Location: Vial 3

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

Sample Info: 17010

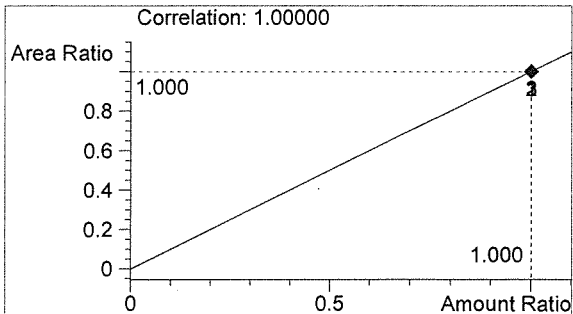


#	Compound	Peak Area	RT (min)
1	Ethanol	1971	1.085
2	n-Propanol	2930	1.763



Ethanol 0.161 g/100mL

ALCO

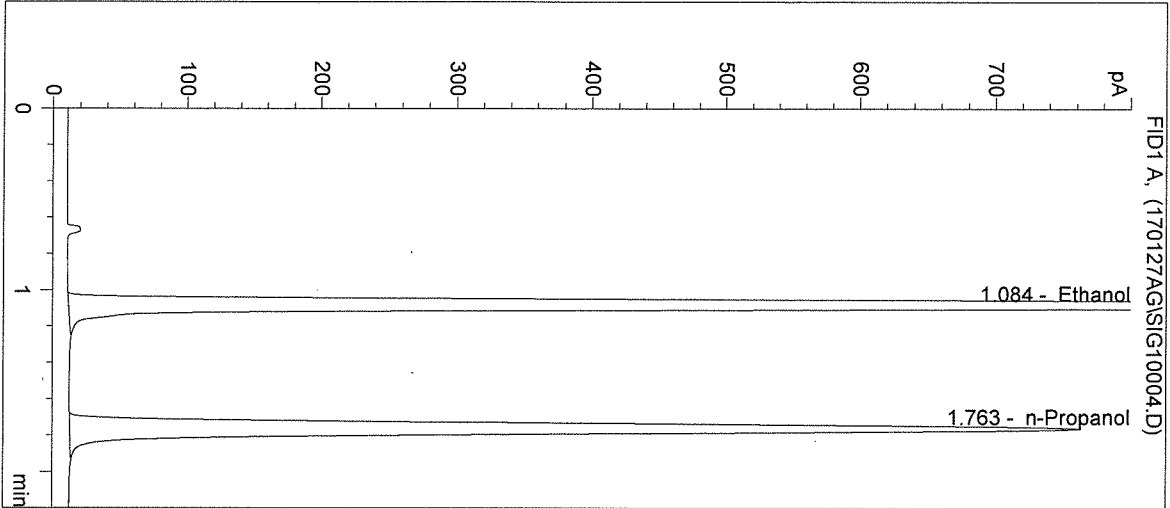


n-Propanol 0.012 g/100mL

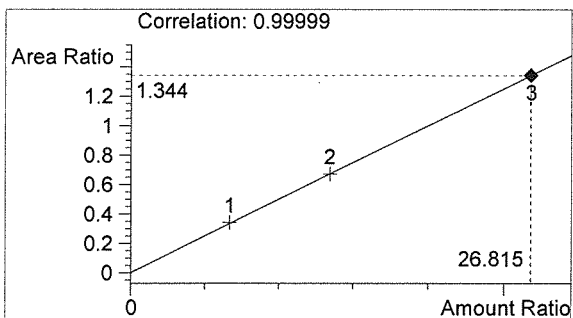
SB

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

Inj. Date: 1/27/2017 7:13:37 AM Sample Name: 0.316 CAL 3
 Instrument: HSGC#1 Operator: Andrew Gingras
 Column: DB-ALC1 Location: Vial 4
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info: 17010

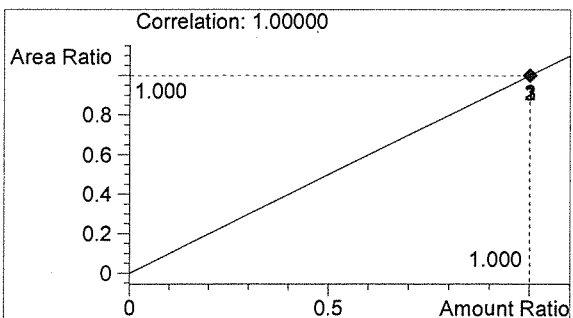


#	Compound	Peak Area	RT (min)
1	Ethanol	3829	1.084
2	n-Propanol	2849	1.763



Ethanol 0.322 g/100mL

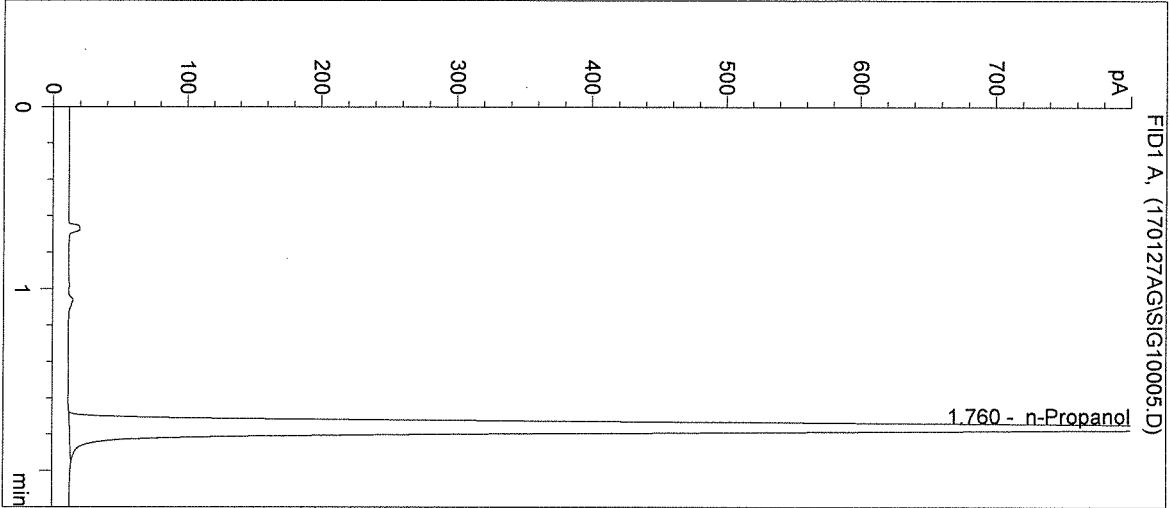
BLW



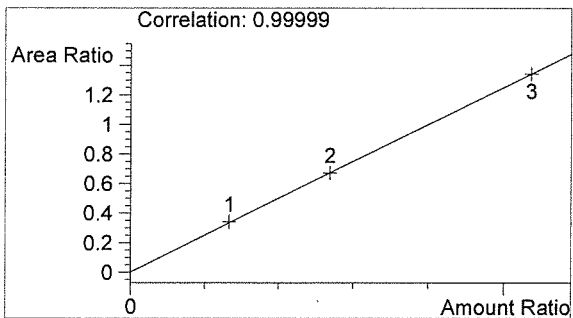
n-Propanol 0.012 g/100mL

AB

Inj. Date: 1/27/2017 7:16:50 AM Sample Name: NEG CTRL
Instrument: HSGC#1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 5
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17010

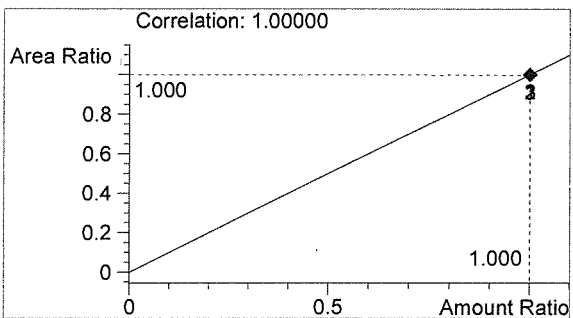


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	3544	1.760



Ethanol 0.000 g/100mL

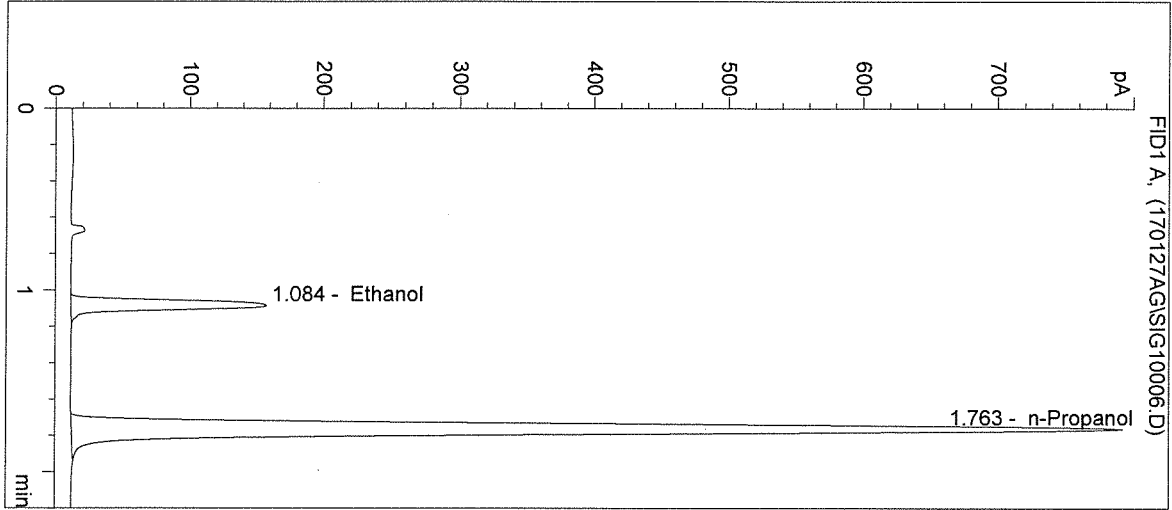
BLW



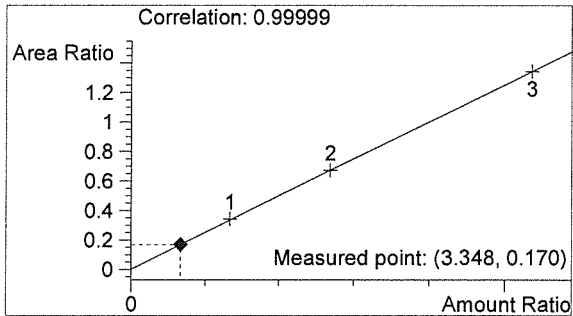
n-Propanol 0.012 g/100mL

AG

Inj. Date: 1/27/2017 7:20:02 AM Sample Name: 0.04 CTRL
 Instrument: HSGC#1 Operator: Andrew Gingras
 Column: DB-ALC1 Location: Vial 6
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info: 17010

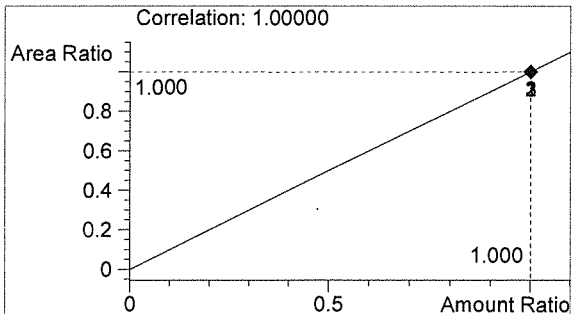


#	Compound	Peak Area	RT (min)
1	Ethanol	502	1.084
2	n-Propanol	2956	1.763



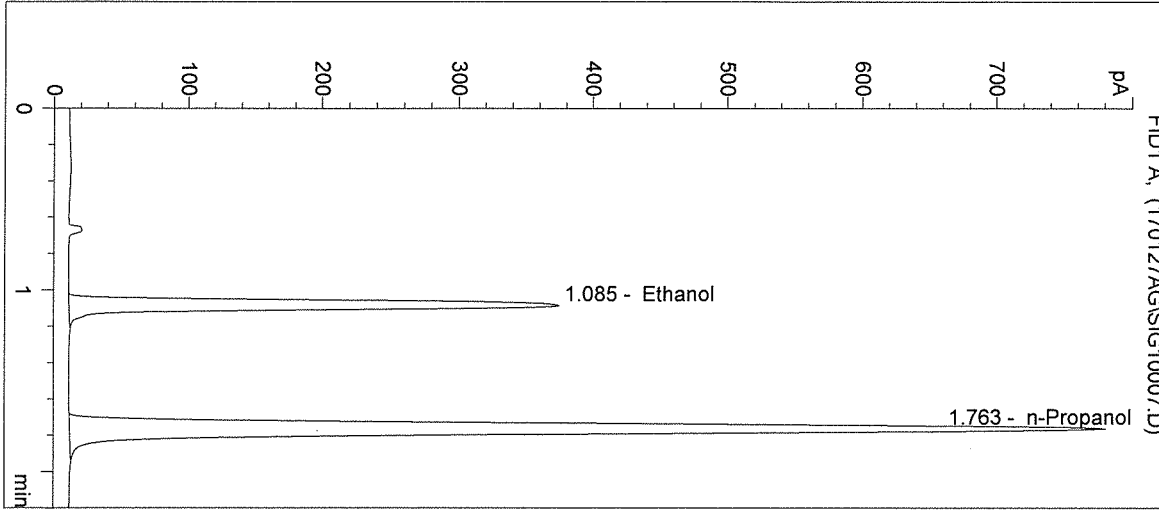
Ethanol 0.040 g/100mL

BW

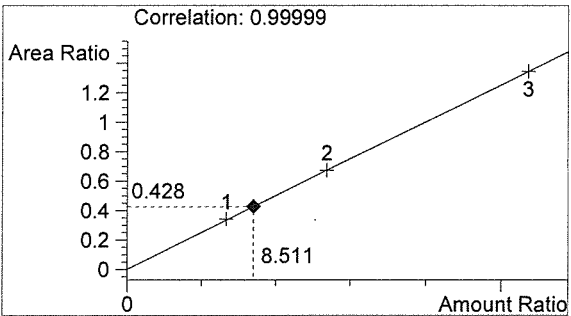


n-Propanol 0.012 g/100mL

Inj. Date: 1/27/2017 7:23:16 AM Sample Name: 0.10 CTRL
Instrument: HSGC#1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 7
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17010

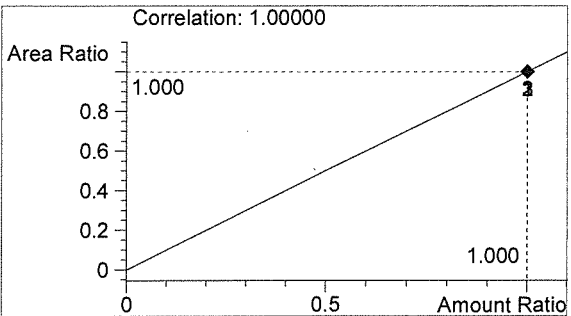


#	Compound	Peak Area	RT (min)
1	Ethanol	1250	1.085
2	n-Propanol	2920	1.763



Ethanol 0.102 g/100mL

BLW

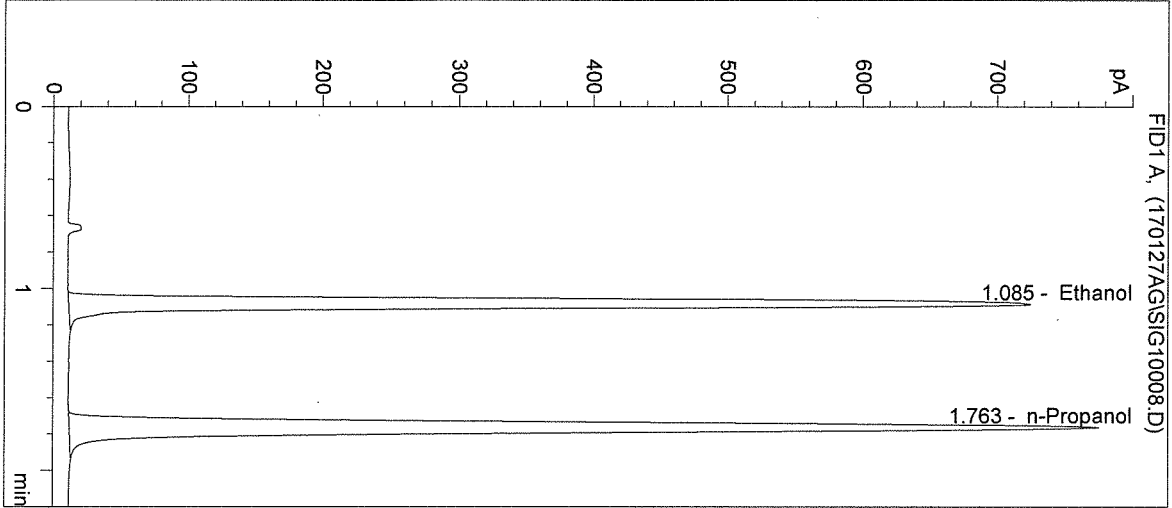


n-Propanol 0.012 g/100mL

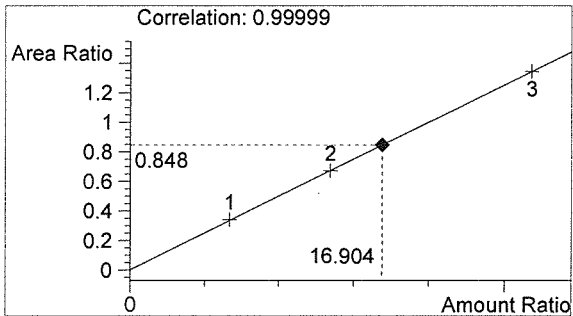
AB

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

Inj. Date: 1/27/2017 7:26:29 AM Sample Name: 0.20 CTRL
Instrument: HSGC#1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 8
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17010

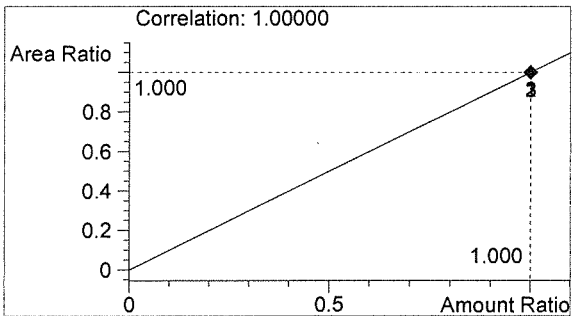


#	Compound	Peak Area	RT (min)
1	Ethanol	2458	1.085
2	n-Propanol	2898	1.763



Ethanol 0.203 g/100mL

AW



n-Propanol 0.012 g/100mL

AG

Inj. Date: 1/27/2017 7:29:42 AM

Sample Name: NEG CTRL

Instrument: HSGC#1

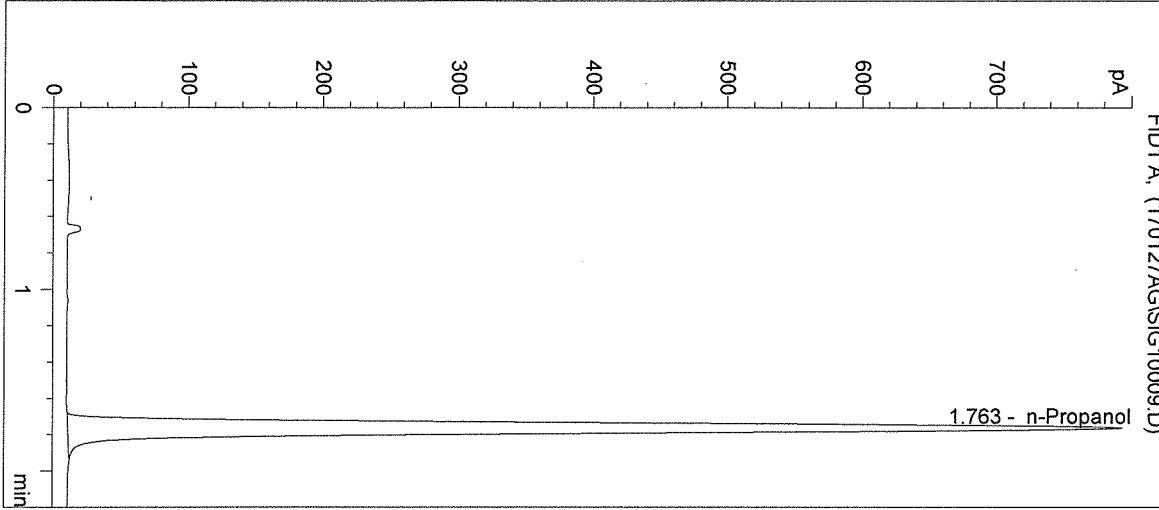
Operator: Andrew Gingras

Column: DB-ALC1

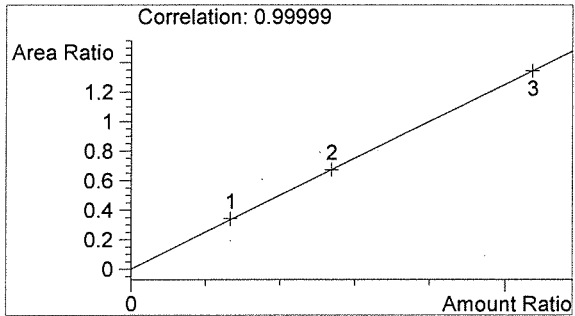
Location: Vial 9

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

Sample Info: 17010

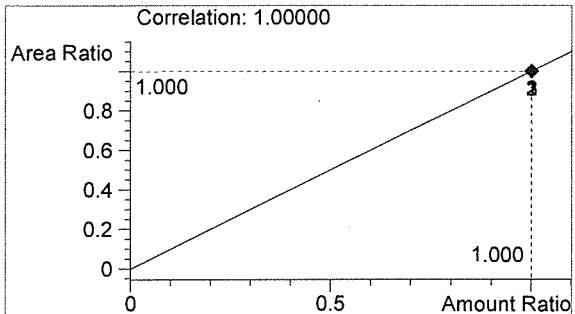


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2974	1.763



Ethanol 0.000 g/100mL

BLW



n-Propanol 0.012 g/100mL

AB

Inj. Date: 1/27/2017 7:32:55 AM

Sample Name: 17010-1

Instrument: HSGC#1

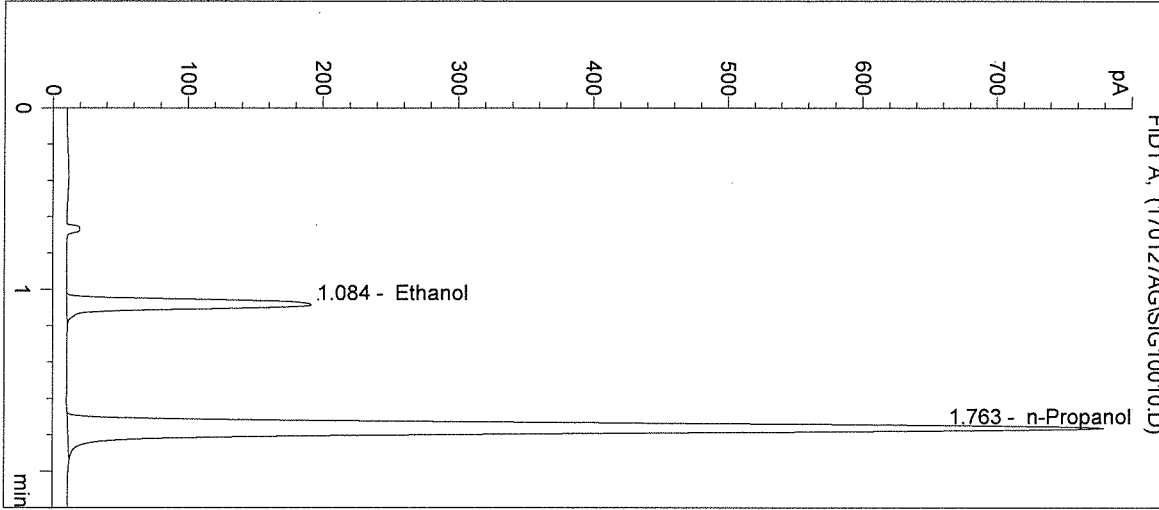
Operator: Andrew Gingras

Column: DB-ALC1

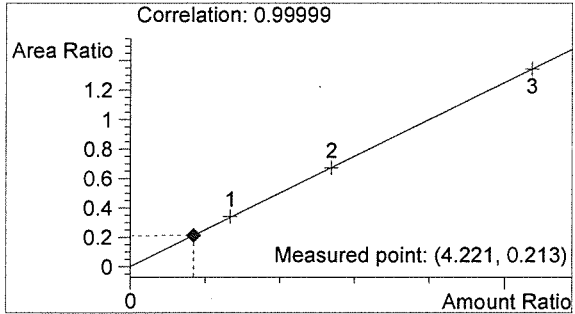
Location: Vial 10

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

Sample Info:

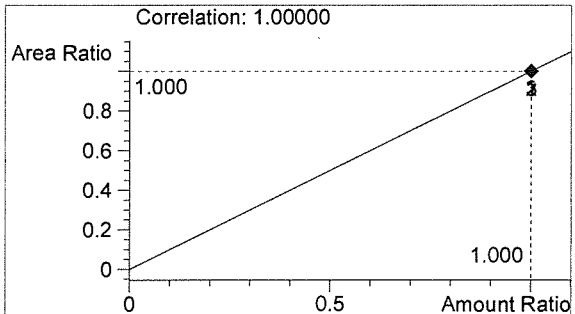


#	Compound	Peak Area	RT (min)
1	Ethanol	622	1.084
2	n-Propanol	2913	1.763



Ethanol 0.051 g/100mL

AW



n-Propanol 0.012 g/100mL

AG

Inj. Date: 1/27/2017 7:36:08 AM

Sample Name: 17010-2

Instrument: HSGC#1

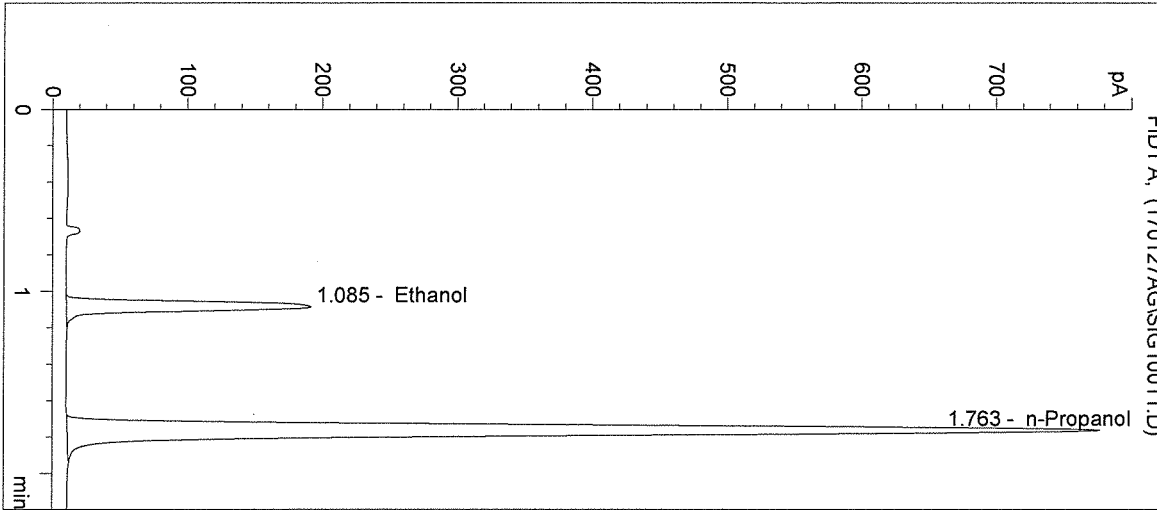
Operator: Andrew Gingras

Column: DB-ALC1

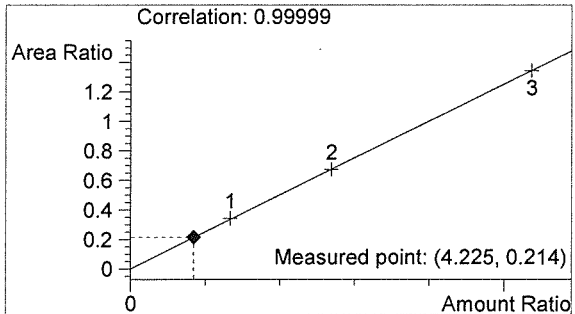
Location: Vial 11

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

Sample Info:

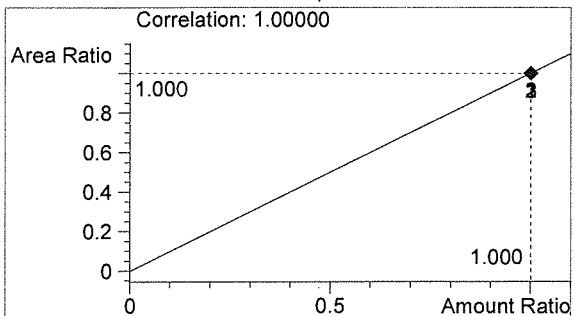


#	Compound	Peak Area	RT (min)
1	Ethanol	622	1.085
2	n-Propanol	2913	1.763



Ethanol 0.051 g/100mL

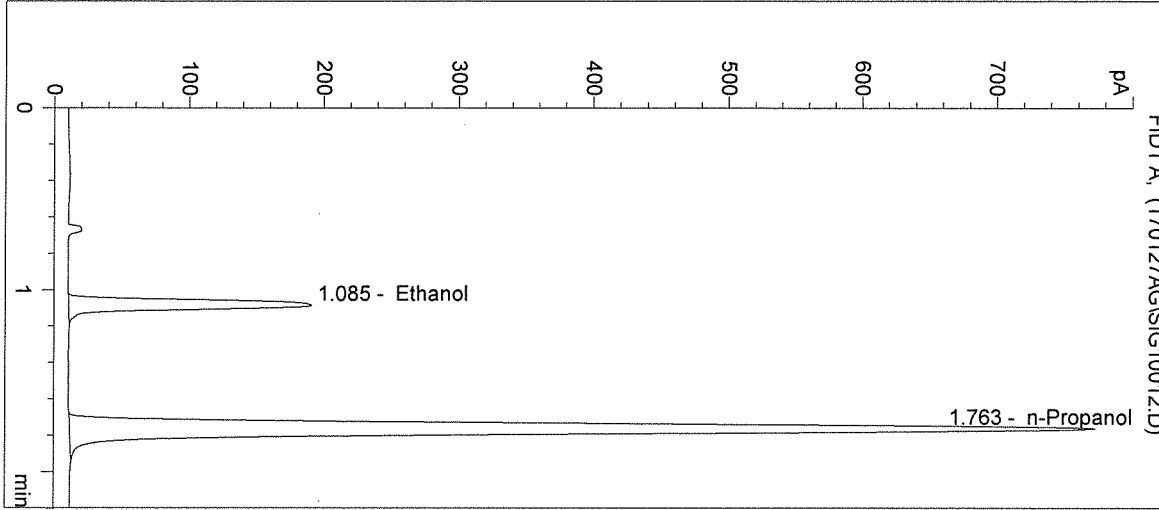
AWW



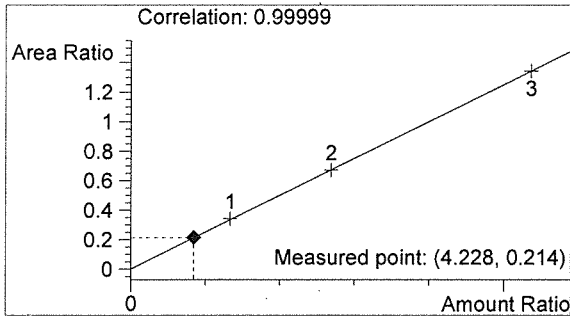
n-Propanol 0.012 g/100mL

AG

Inj. Date: 1/27/2017 7:39:22 AM Sample Name: 17010-3
Instrument: HSGC#1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 12
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

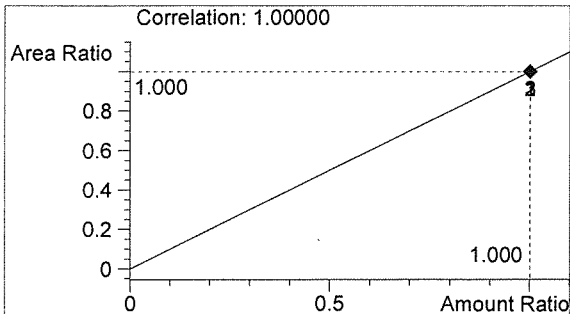


#	Compound	Peak Area	RT (min)
1	Ethanol	618	1.085
2	n-Propanol	2892	1.763



Ethanol 0.051 g/100mL

PLU



n-Propanol 0.012 g/100mL

AB

Inj. Date: 1/27/2017 7:42:35 AM

Sample Name: 17010-4

Instrument: HSGC#1

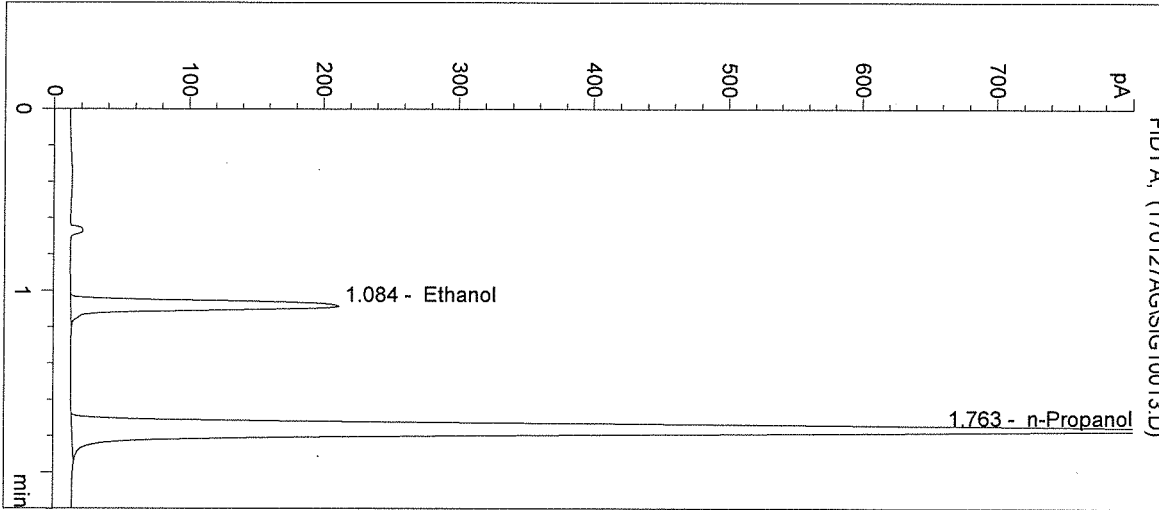
Operator: Andrew Gingras

Column: DB-ALC1

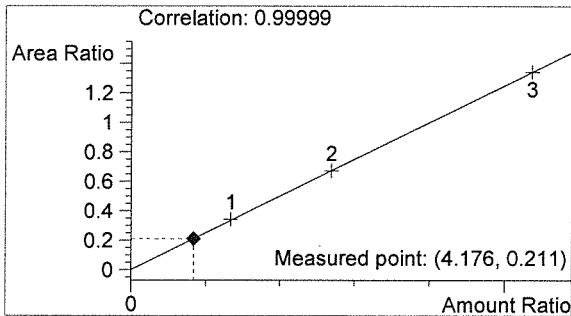
Location: Vial 13

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

Sample Info:

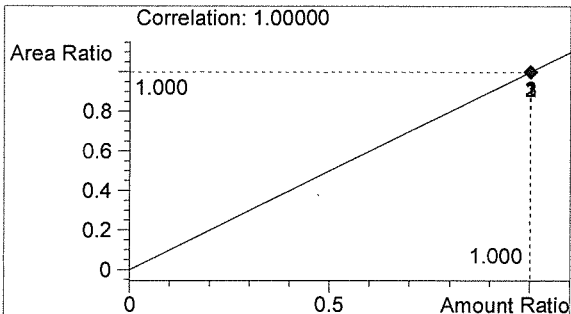


#	Compound	Peak Area	RT (min)
1	Ethanol	676	1.084
2	n-Propanol	3199	1.763



Ethanol 0.050 g/100mL

BLU



n-Propanol 0.012 g/100mL

AG

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

Inj. Date: 1/27/2017 7:45:49 AM

Sample Name: 17010-5

Instrument: HSGC#1

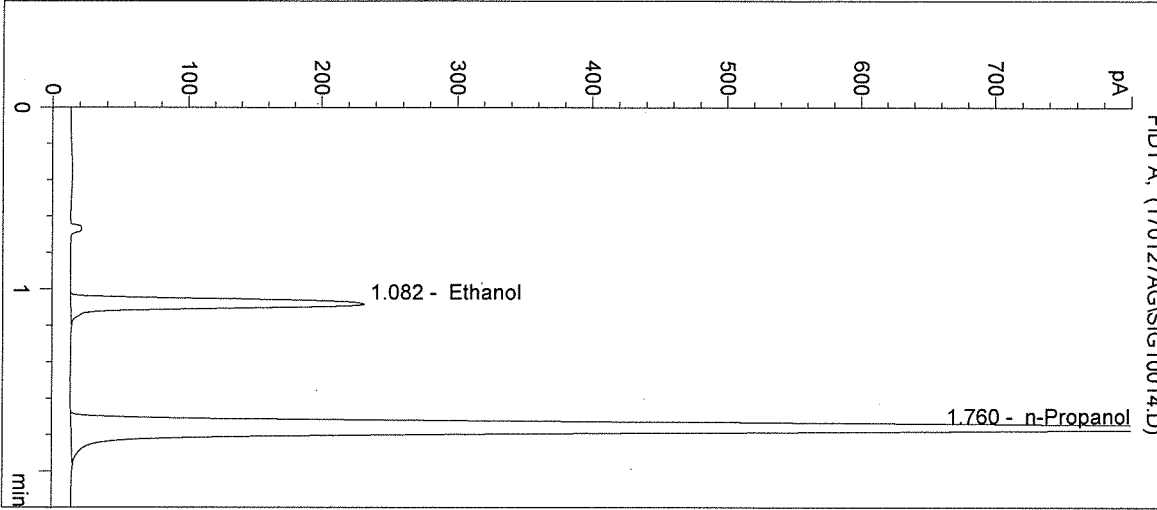
Operator: Andrew Gingras

Column: DB-ALC1

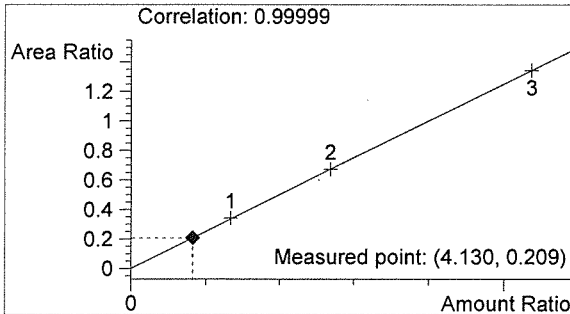
Location: Vial 14

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

Sample Info:

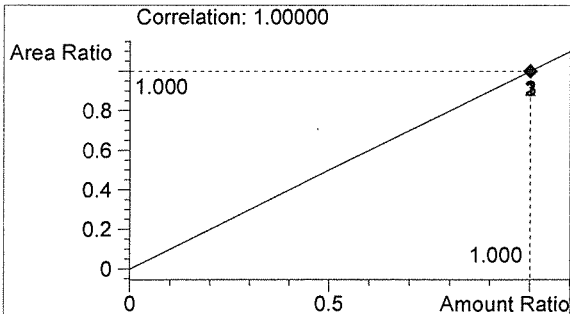


#	Compound	Peak Area	RT (min)
1	Ethanol	731	1.082
2	n-Propanol	3498	1.760



Ethanol 0.050 g/100mL

AWD



n-Propanol 0.012 g/100mL

AB

Inj. Date: 1/27/2017 7:49:01 AM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

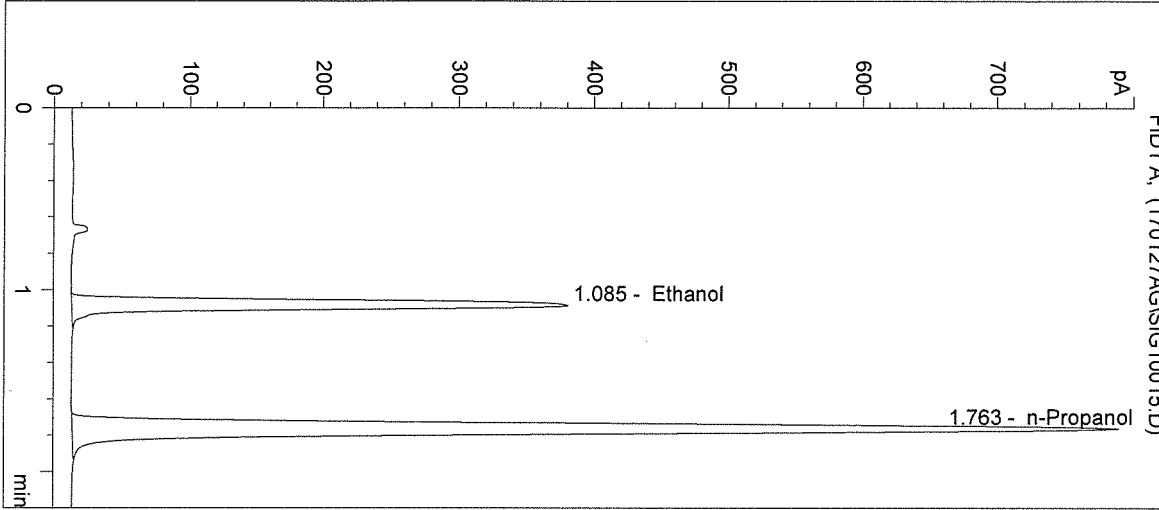
Operator: Andrew Gingras

Column: DB-ALC1

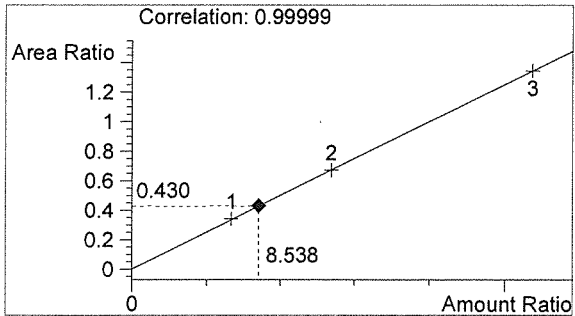
Location: Vial 15

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

Sample Info: 17010

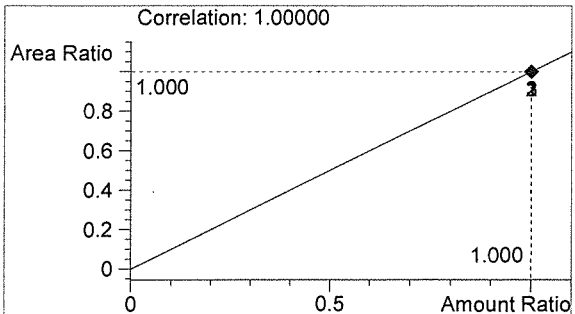


#	Compound	Peak Area	RT (min)
1	Ethanol	1265	1.085
2	n-Propanol	2945	1.763



Ethanol 0.102 g/100mL

AWD

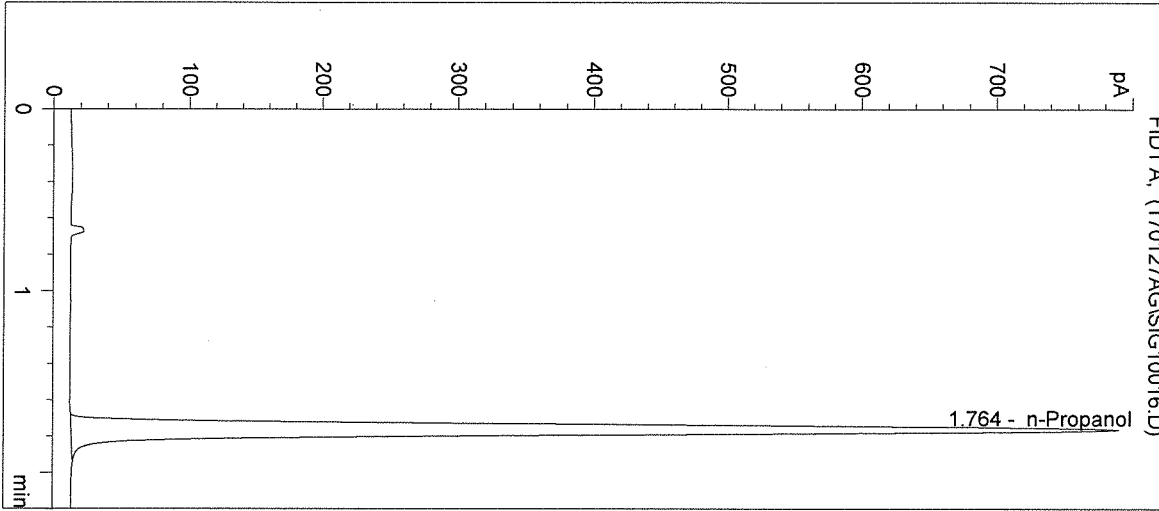


n-Propanol 0.012 g/100mL

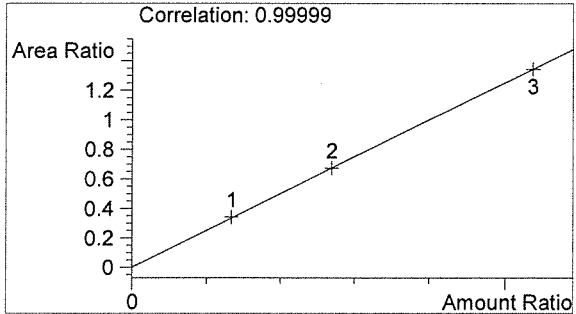
AS

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

Inj. Date: 1/27/2017 7:52:15 AM Sample Name: NEG CTRL
 Instrument: HSGC#1 Operator: Andrew Gingras
 Column: DB-ALC1 Location: Vial 16
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info: 17010

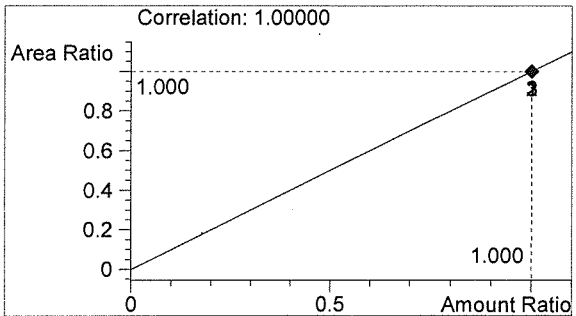


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2951	1.764



Ethanol 0.000 g/100mL

AW



n-Propanol 0.012 g/100mL

AG

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: 170127JK
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1, E0916-01 - Exp. 03/15/2017
 Ethanol Calibrator 2, E0916-02 - Exp. 03/15/2017
 Ethanol Calibrator 3, E0916-03 - Exp. 03/15/2017
 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#P0117 - Exp. 04/20/2017

Calibration vials 1-9 filed with 17010.

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	17010-1	SIMALC1	1	Sample		
11	Vial 11	17010-2	SIMALC1	1	Sample		
12	Vial 12	17010-3	SIMALC1	1	Sample		
13	Vial 13	17010-4	SIMALC1	1	Sample		
14	Vial 14	17010-5	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	17011-1	SIMALC1	1	Sample		
18	Vial 18	17011-2	SIMALC1	1	Sample		
19	Vial 19	17011-3	SIMALC1	1	Sample		
20	Vial 20	17011-4	SIMALC1	1	Sample		
21	Vial 21	17011-5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	NEG CTRL	SIMALC1	1	Ctrl Samp		
24	Vial 24	17012-1	SIMALC1	1	Sample		
25	Vial 25	17012-2	SIMALC1	1	Sample		
26	Vial 26	17012-3	SIMALC1	1	Sample		

17010
 PWO 2-28-17

JK

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	17012-4	SIMALC1	1	Sample		
28	Vial 28	17012-5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL	SIMALC1	1	Ctrl Samp		
30	Vial 30	NEG CTRL	SIMALC1	1	Ctrl Samp		
31	Vial 31	17013-1	SIMALC1	1	Sample		
32	Vial 32	17013-2	SIMALC1	1	Sample		
33	Vial 33	17013-3	SIMALC1	1	Sample		
34	Vial 34	17013-4	SIMALC1	1	Sample		
35	Vial 35	17013-5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC1	1	Ctrl Samp		
37	Vial 37	NEG CTRL	SIMALC1	1	Ctrl Samp		
38	Vial 38	17014-1	SIMALC1	1	Sample		
39	Vial 39	17014-2	SIMALC1	1	Sample		
40	Vial 40	17014-3	SIMALC1	1	Sample		
41	Vial 41	17014-4	SIMALC1	1	Sample		
42	Vial 42	17014-5	SIMALC1	1	Sample		
43	Vial 43	0.10 CTRL	SIMALC1	1	Ctrl Samp		
44	Vial 44	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!

17010
Buo 2.28.17

JK

=====
Calibration Table
=====

Calib. Data Modified : Friday, January 27, 2017 8:34:03 AM

Calculate : Internal Standard
Based on : Peak Area

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

Curve Type : Linear
Origin : Included
Weight : Equal

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

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

Sample ISTD Information:
ISTD ISTD Amount Name
[g/100mL]

17010
BLU 2-28-17

-----|-----|-----
1 1.20000e-2 n-Propanol

Signal 1: FID1 A,

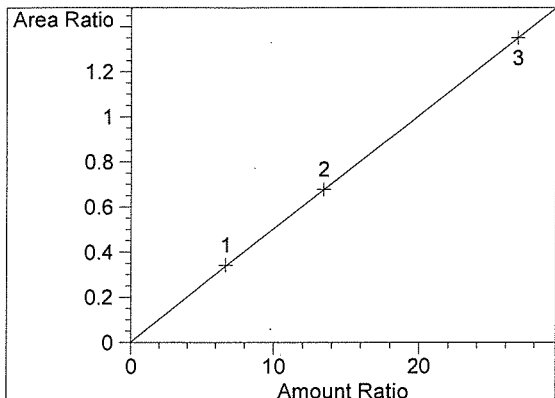
RetTime [min]	Lvl Sig	Amount [g/100mL]	Area	Amt/Area	Ref Grp Name
1.084	1 1	8.00100e-2	977.74591	8.18311e-5	1 Ethanol
	2	1.61200e-1	1923.59497	8.38014e-5	
	3	3.21790e-1	3820.27783	8.42321e-5	
1.763	1 1	1.20000e-2	2861.07324	4.19423e-6	I1 n-Propanol
	2	1.20000e-2	2839.94482	4.22543e-6	
	3	1.20000e-2	2828.97095	4.24183e-6	

=====
Peak Sum Table
=====

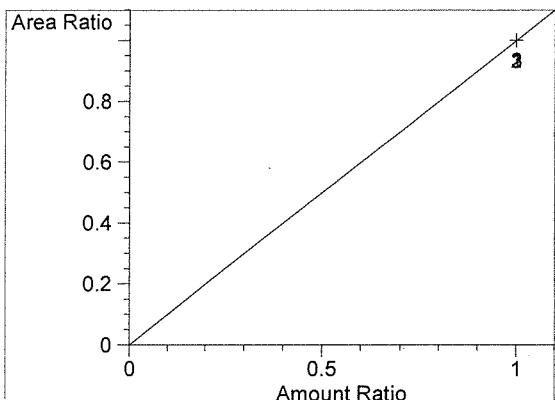
No Entries in table
=====

JTC

=====
Calibration Curves
=====



Ethanol at exp. RT: 1.084
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00337
Formula: $y = mx + b$
m: 5.02856e-2
b: 2.56345e-3
x: Amount Ratio
y: Area Ratio

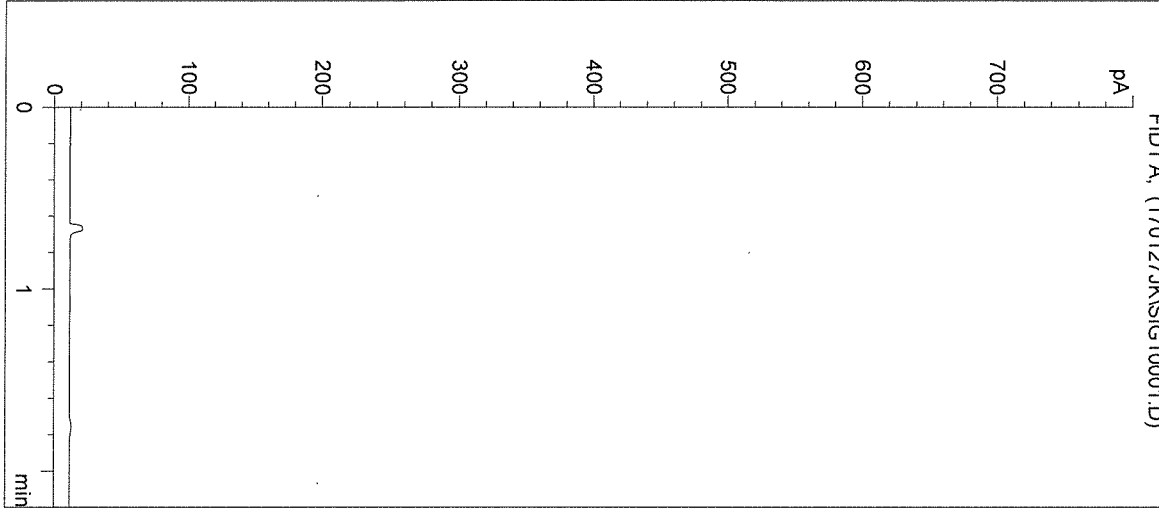


n-Propanol at exp. RT: 1.763
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: $y = mx + b$
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

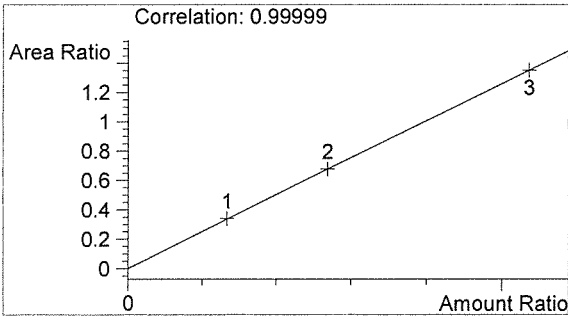
17010
PLU 2.28.17

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

Inj. Date: 1/27/2017 8:21:57 AM Sample Name: BLANK
Instrument: HSGC#1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17010

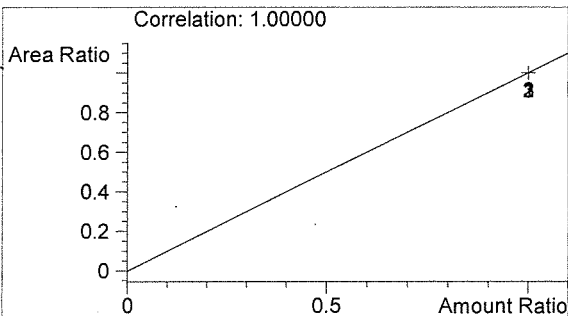


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	0	0.000



Ethanol 0.000 g/100mL

BLW



n-Propanol 0.000 g/100mL

JK

Inj. Date: 1/27/2017 8:25:15 AM

Sample Name: 0.079 CAL 1

Instrument: HSGC#1

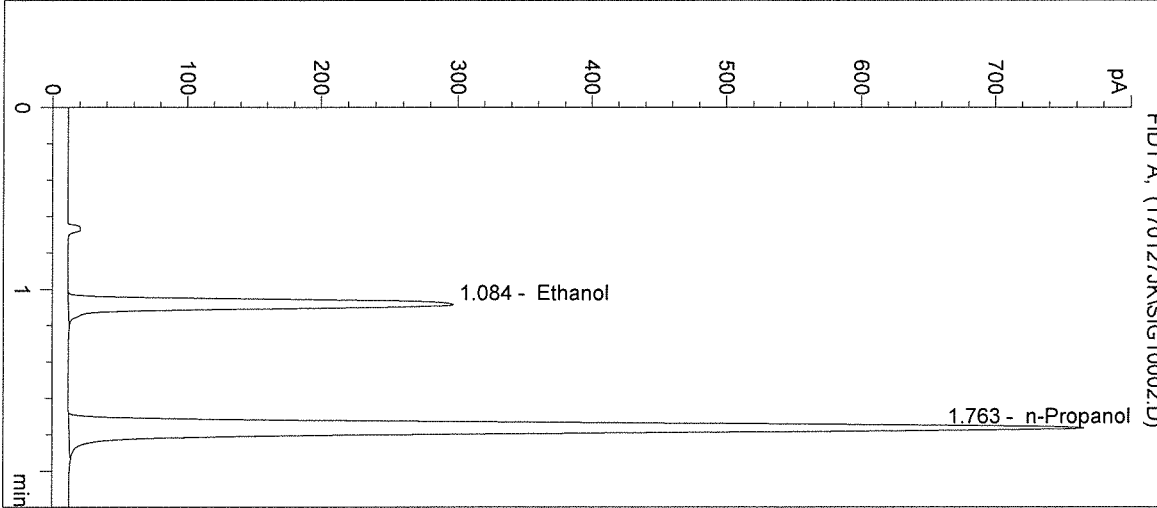
Operator: Justin Knoy

Column: DB-ALC1

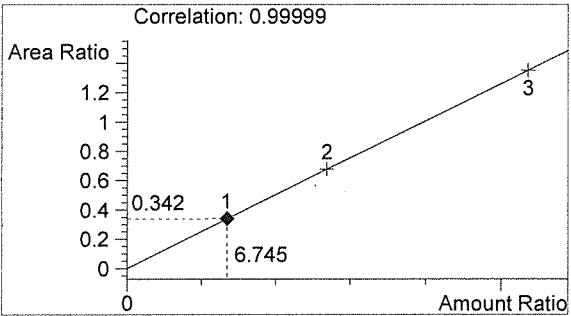
Location: Vial 2

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

Sample Info: 17010

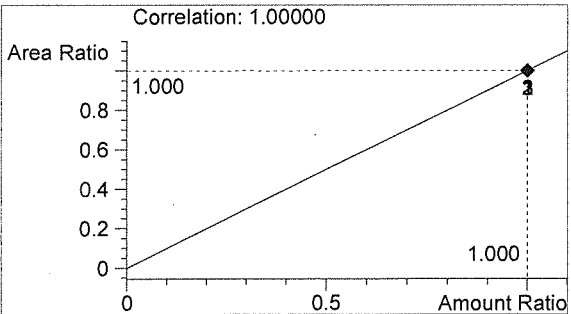


#	Compound	Peak Area	RT (min)
1	Ethanol	978	1.084
2	n-Propanol	2861	1.763



Ethanol 0.081 g/100mL

Buo



n-Propanol 0.012 g/100mL

JL

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

Inj. Date: 1/27/2017 8:28:33 AM

Sample Name: 0.158 CAL 2

Instrument: HSGC#1

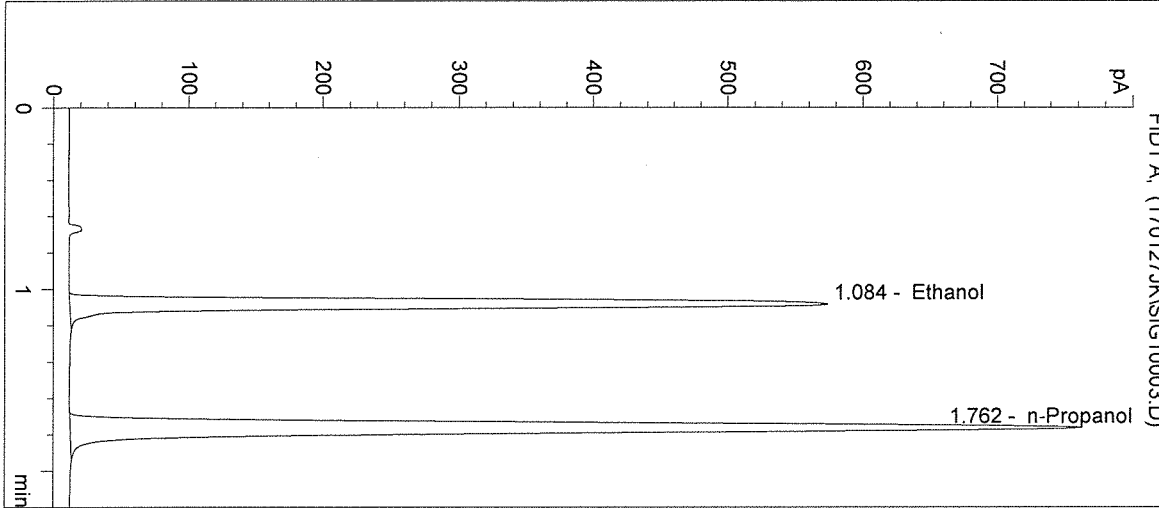
Operator: Justin Knoy

Column: DB-ALC1

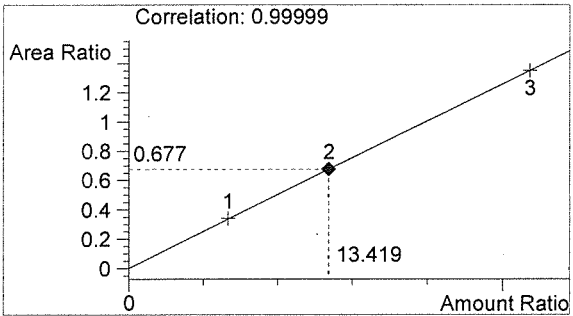
Location: Vial 3

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

Sample Info: 17010

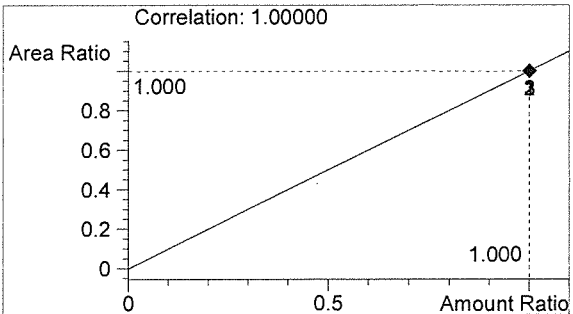


#	Compound	Peak Area	RT (min)
1	Ethanol	1924	1.084
2	n-Propanol	2840	1.762



Ethanol 0.161 g/100mL

BLU



n-Propanol 0.012 g/100mL

JK

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

Inj. Date: 1/27/2017 8:31:50 AM

Sample Name: 0.316 CAL 3

Instrument: HSGC#1

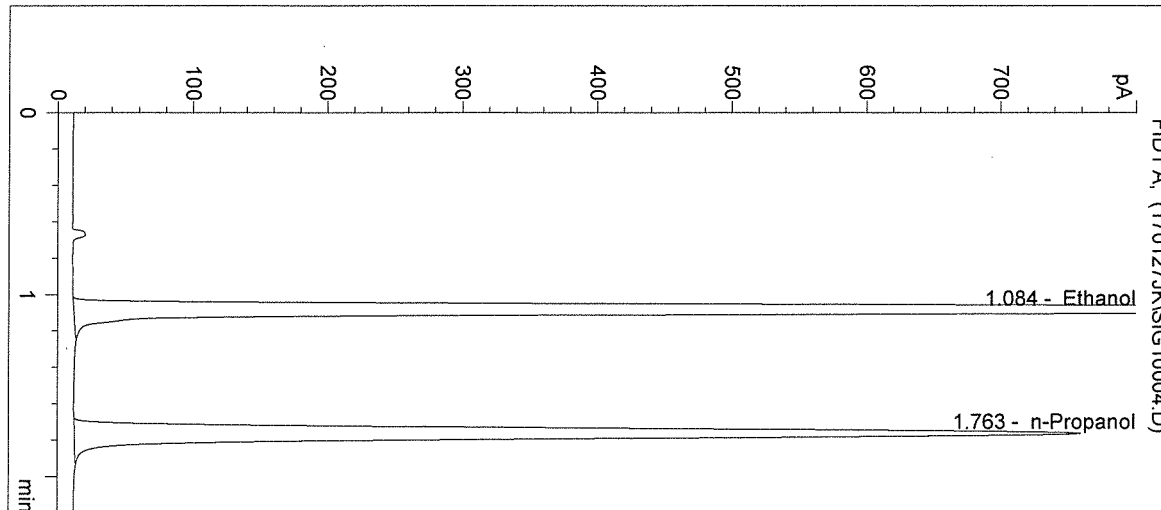
Operator: Justin Knoy

Column: DB-ALC1

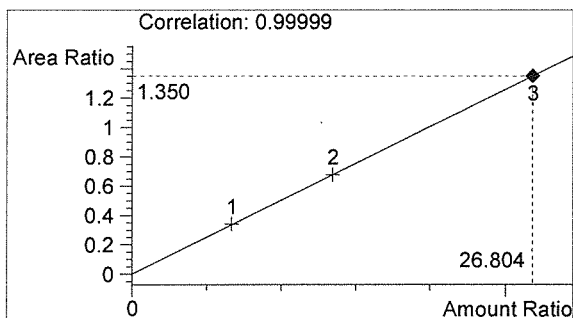
Location: Vial 4

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

Sample Info: 17010

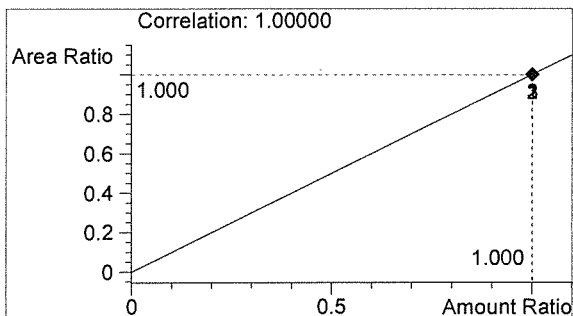


#	Compound	Peak Area	RT (min)
1	Ethanol	3820	1.084
2	n-Propanol	2829	1.763



Ethanol 0.322 g/100mL

AWO



n-Propanol 0.012 g/100mL

JK

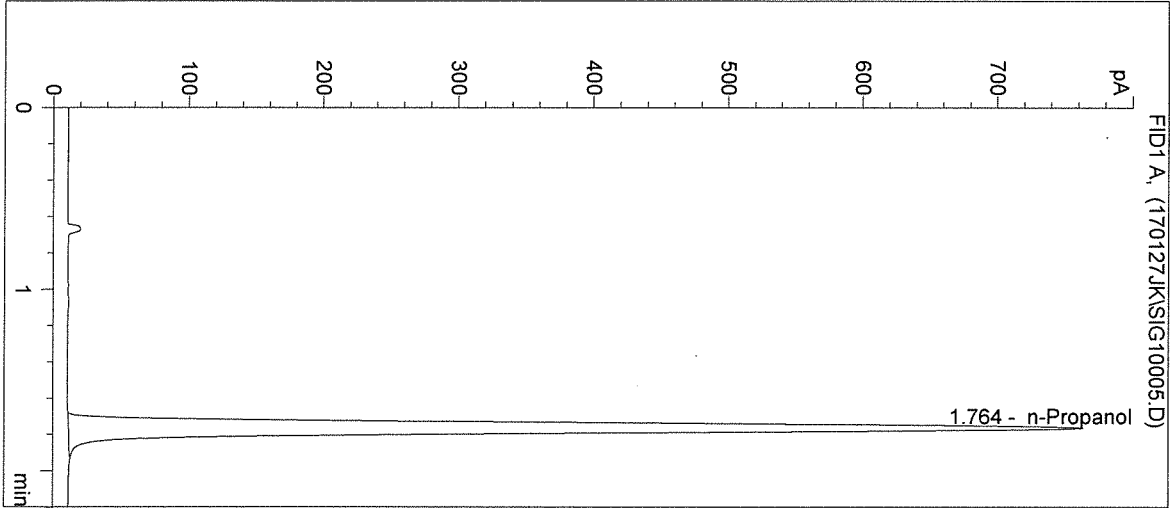
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2017 8:35:03 AM
 Instrument: HSGC#1

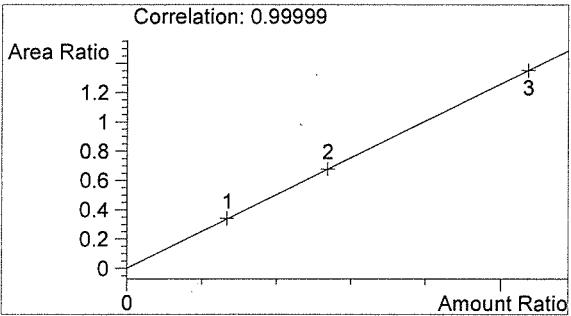
Sample Name: NEG CTRL
 Operator: Justin Knoy
 Location: Vial 5

Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Info: 17010

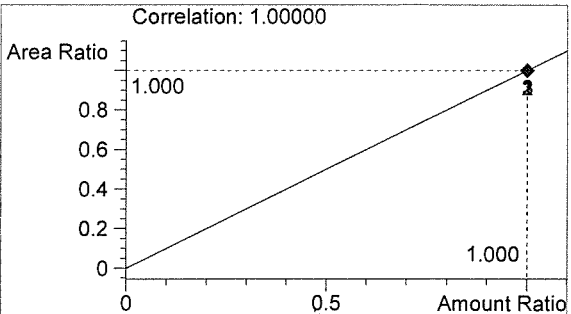


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2851	1.764



Ethanol 0.000 g/100mL

BLW



n-Propanol 0.012 g/100mL

JK

Inj. Date: 1/27/2017 8:38:17 AM

Sample Name: 0.04 CTRL

Instrument: HSGC#1

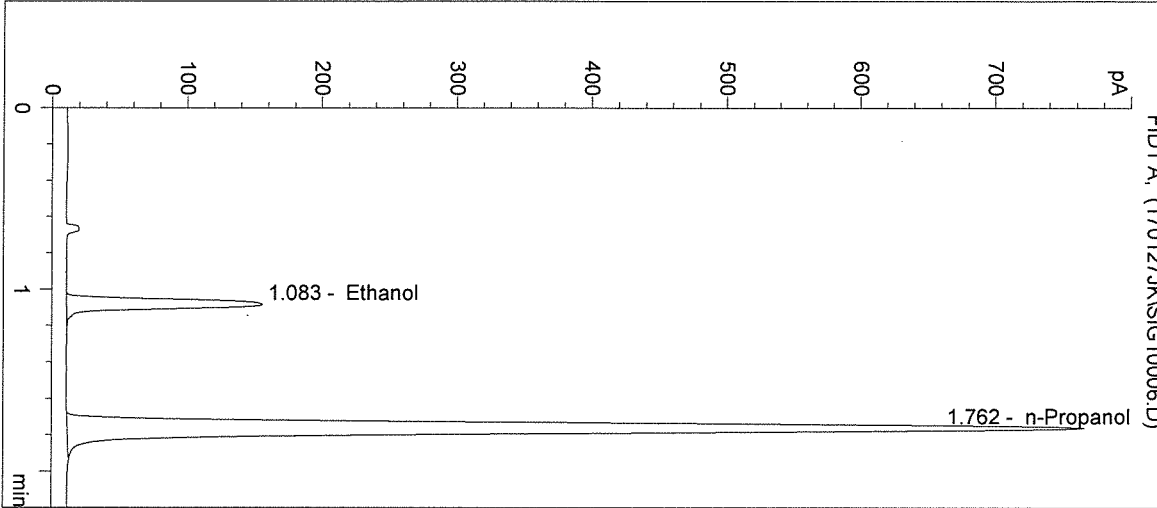
Operator: Justin Knoy

Column: DB-ALC1

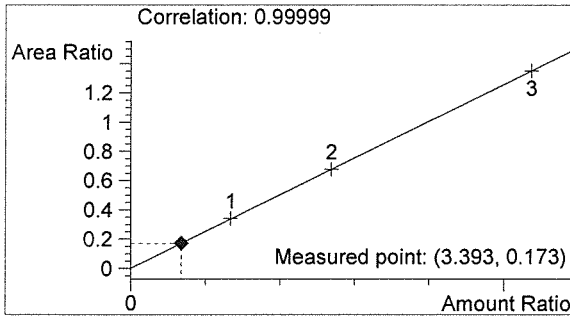
Location: Vial 6

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

Sample Info: 17010

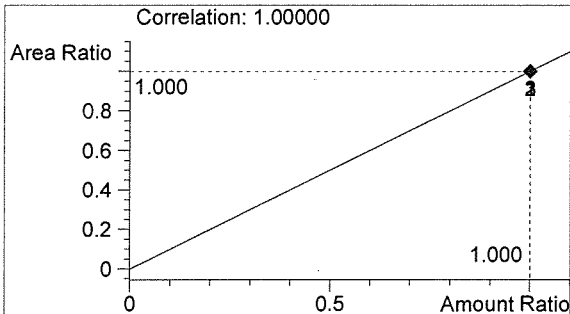


#	Compound	Peak Area	RT (min)
1	Ethanol	495	1.083
2	n-Propanol	2858	1.762



Ethanol 0.041 g/100mL

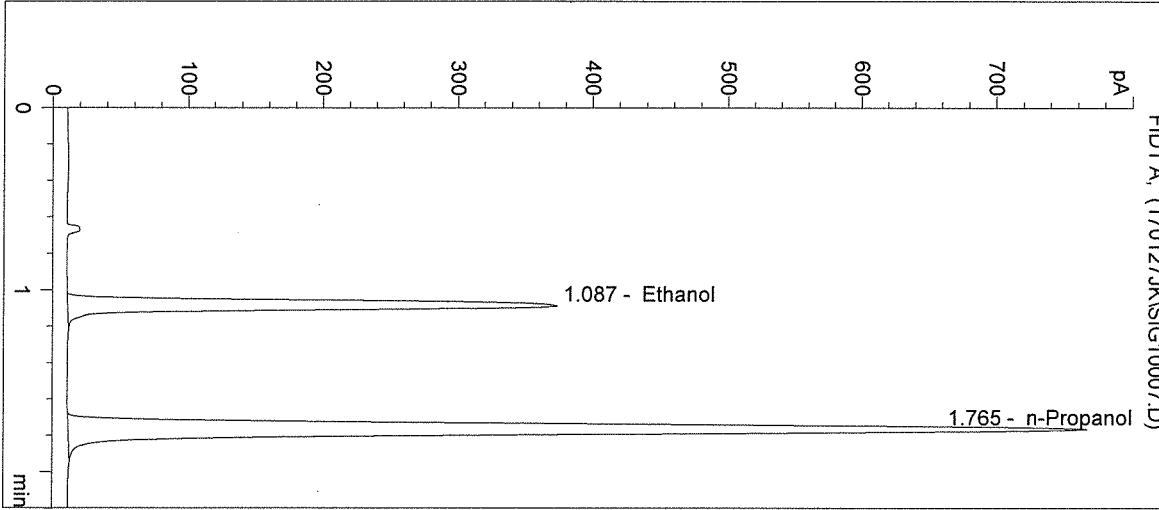
AWO



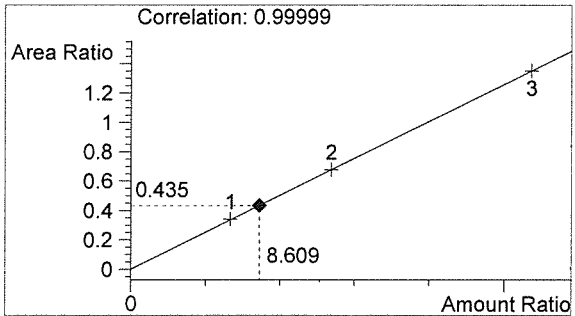
n-Propanol 0.012 g/100mL

JK

Inj. Date: 1/27/2017 8:41:30 AM Sample Name: 0.10 CTRL
Instrument: HSGC#1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 7
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17010

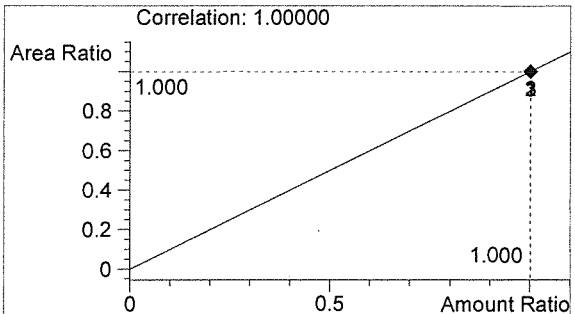


#	Compound	Peak Area	RT (min)
1	Ethanol	1249	1.087
2	n-Propanol	2869	1.765



Ethanol 0.103 g/100mL

BLW



n-Propanol 0.012 g/100mL

JK

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

Inj. Date: 1/27/2017 8:44:43 AM

Sample Name: 0.20 CTRL

Instrument: HSGC#1

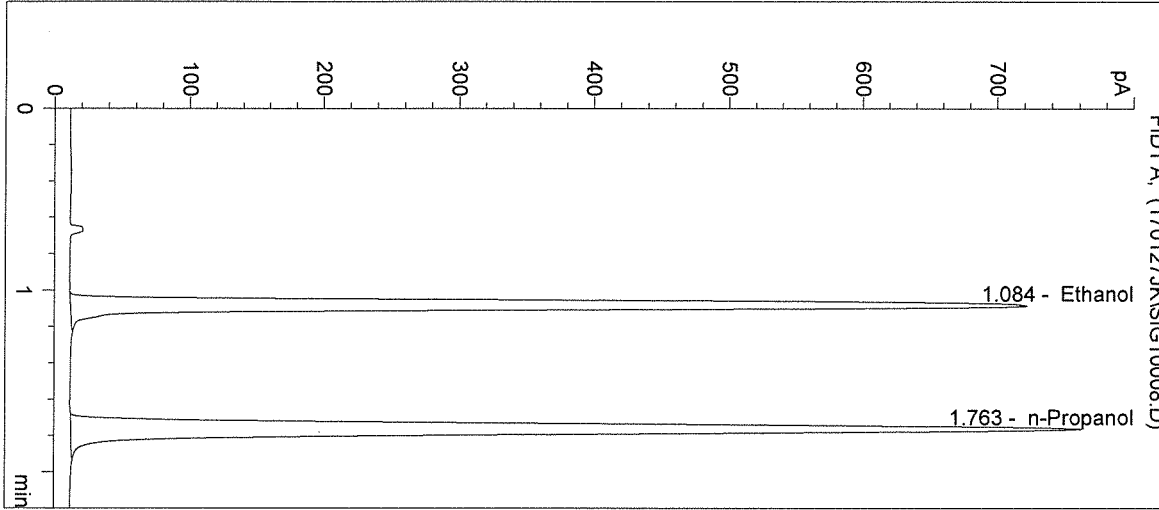
Operator: Justin Knoy

Column: DB-ALC1

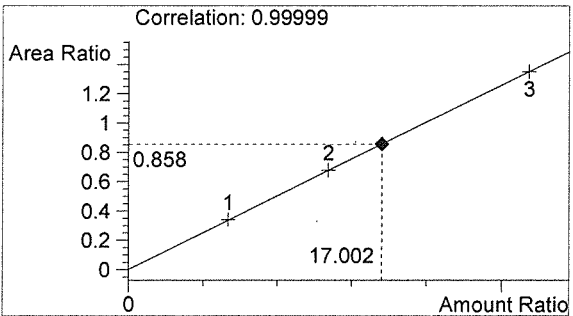
Location: Vial 8

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

Sample Info: 17010

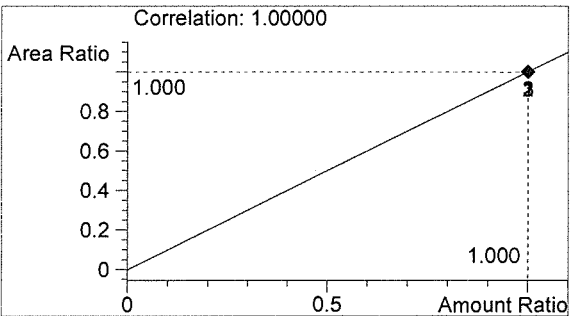


#	Compound	Peak Area	RT (min)
1	Ethanol	2431	1.084
2	n-Propanol	2835	1.763



Ethanol 0.204 g/100mL

ALW



n-Propanol 0.012 g/100mL

JK

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

Inj. Date: 1/27/2017 8:47:56 AM

Sample Name: NEG CTRL

Instrument: HSGC#1

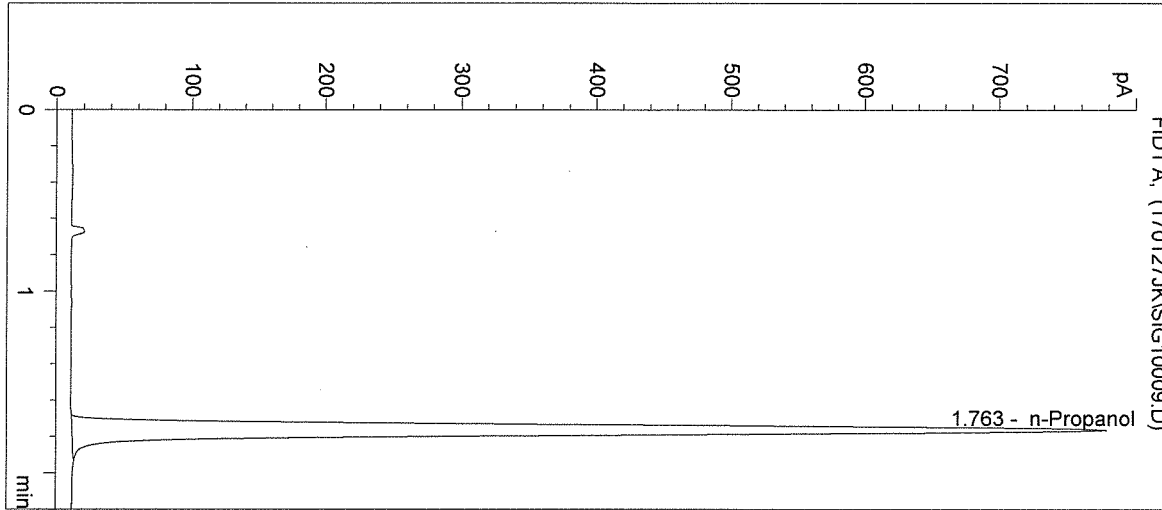
Operator: Justin Knoy

Column: DB-ALC1

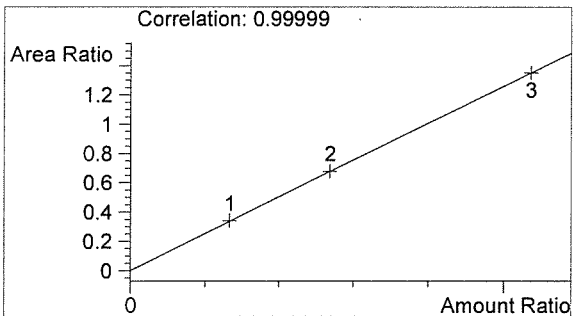
Location: Vial 9

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

Sample Info: 17010

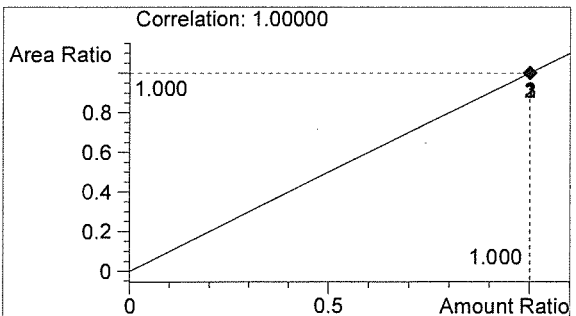


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2897	1.763



Ethanol 0.000 g/100mL

ALCO



n-Propanol 0.012 g/100mL

JL

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

Inj. Date: 1/27/2017 8:51:10 AM

Sample Name: 17010-1

Instrument: HSGC#1

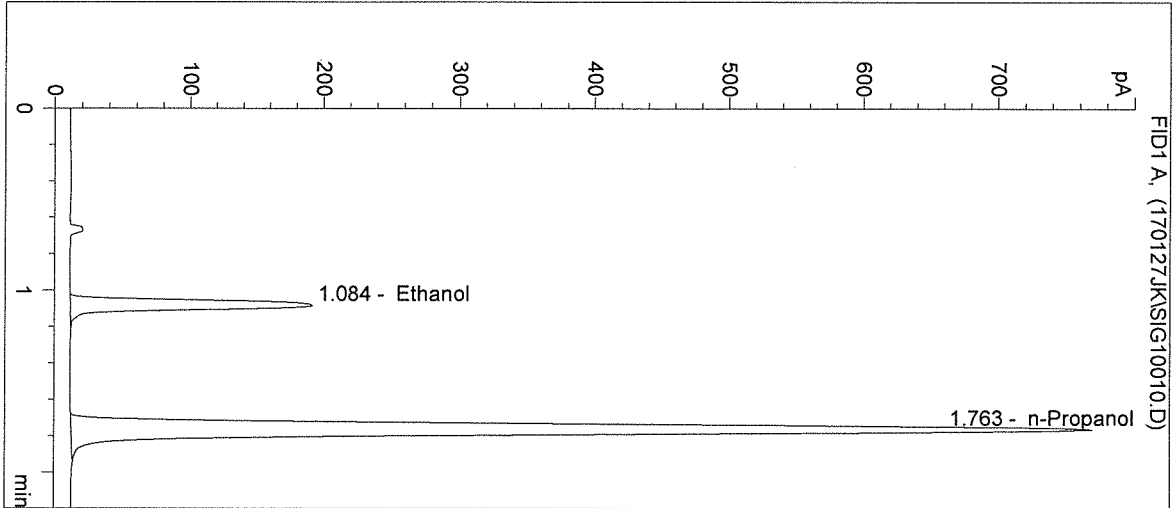
Operator: Justin Knoy

Column: DB-ALC1

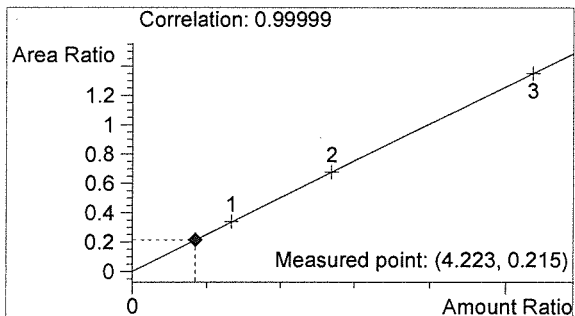
Location: Vial 10

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

Sample Info:

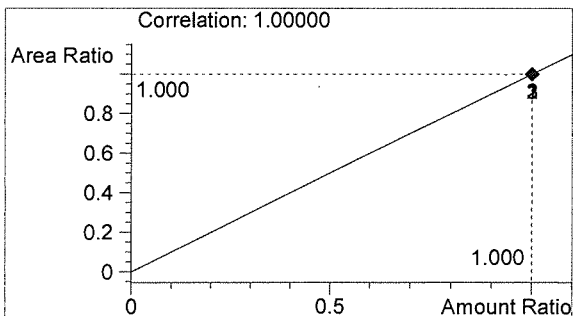


#	Compound	Peak Area	RT (min)
1	Ethanol	616	1.084
2	n-Propanol	2865	1.763



Ethanol 0.051 g/100mL

PKW



n-Propanol 0.012 g/100mL

JK

Inj. Date: 1/27/2017 8:54:23 AM

Sample Name: 17010-2

Instrument: HSGC#1

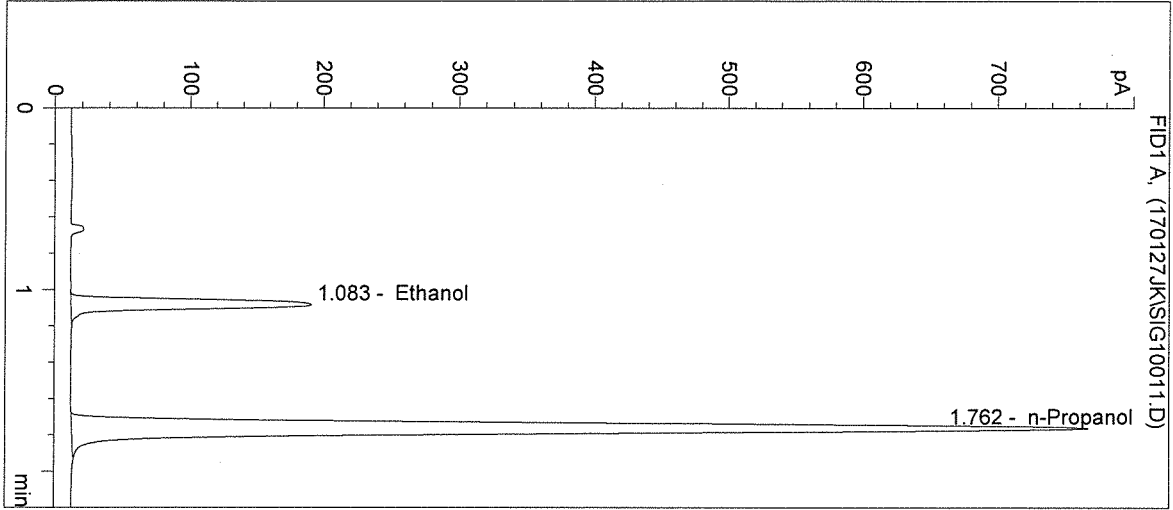
Operator: Justin Knoy

Column: DB-ALC1

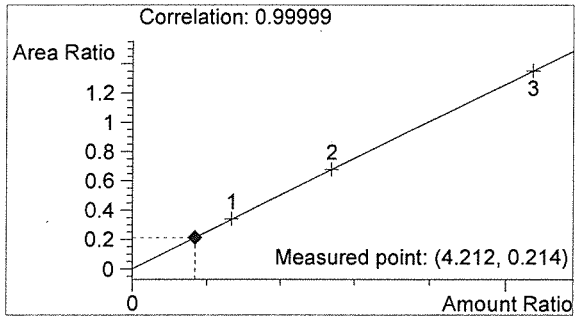
Location: Vial 11

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

Sample Info:

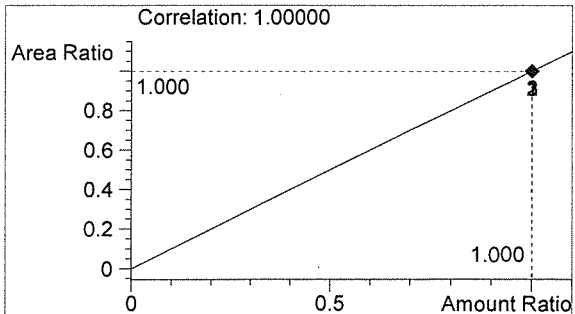


#	Compound	Peak Area	RT (min)
1	Ethanol	611	1.083
2	n-Propanol	2849	1.762



Ethanol 0.051 g/100mL

BW

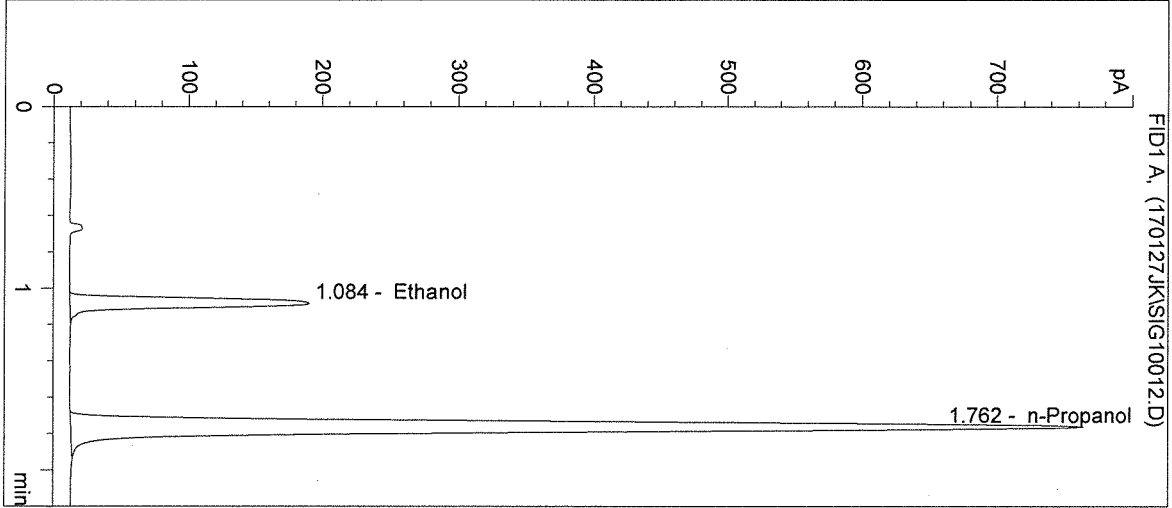


n-Propanol 0.012 g/100mL

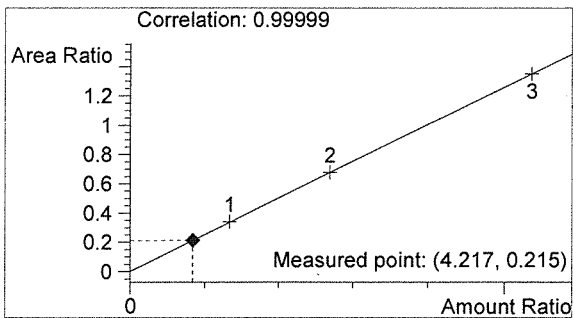
JZ

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

Inj. Date: 1/27/2017 8:57:36 AM Sample Name: 17010-3
Instrument: HSGC#1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 12
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

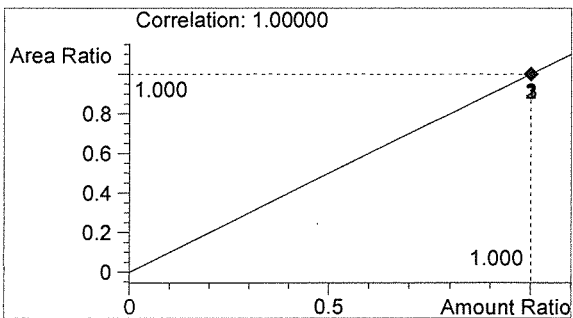


#	Compound	Peak Area	RT (min)
1	Ethanol	609	1.084
2	n-Propanol	2840	1.762



Ethanol 0.051 g/100mL

AWO



n-Propanol 0.012 g/100mL

JK

Inj. Date: 1/27/2017 9:00:50 AM

Sample Name: 17010-4

Instrument: HSGC#1

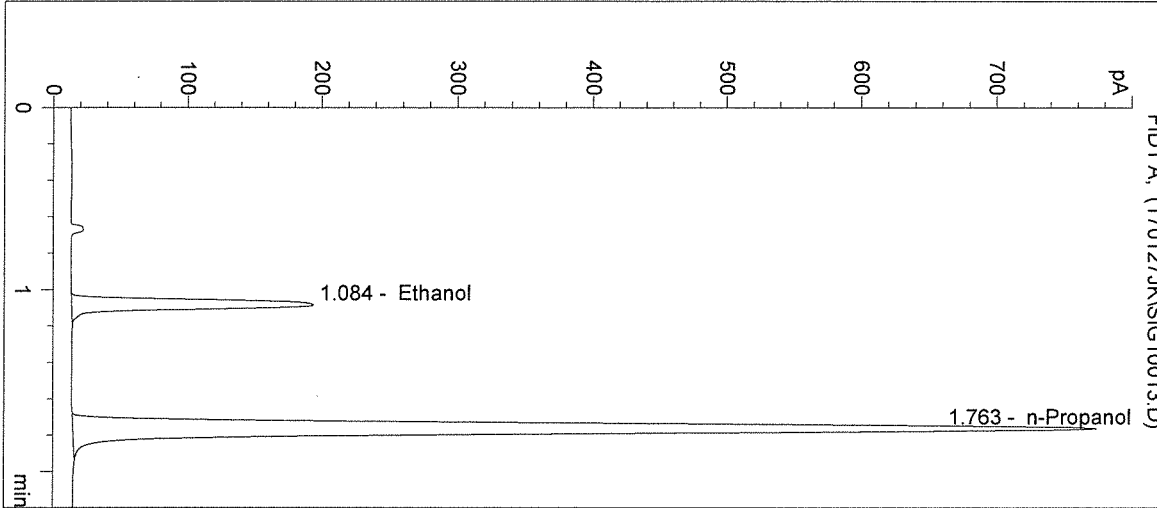
Operator: Justin Knoy

Column: DB-ALC1

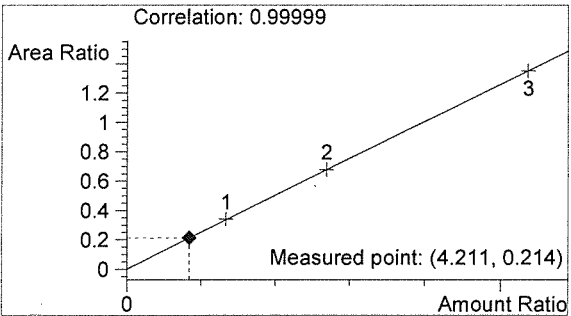
Location: Vial 13

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

Sample Info:

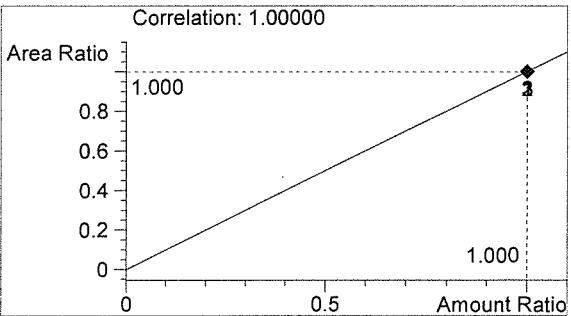


#	Compound	Peak Area	RT (min)
1	Ethanol	616	1.084
2	n-Propanol	2876	1.763



Ethanol 0.051 g/100mL

BLW



n-Propanol 0.012 g/100mL

JK

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

Inj. Date: 1/27/2017 9:04:03 AM

Sample Name: 17010-5

Instrument: HSGC#1

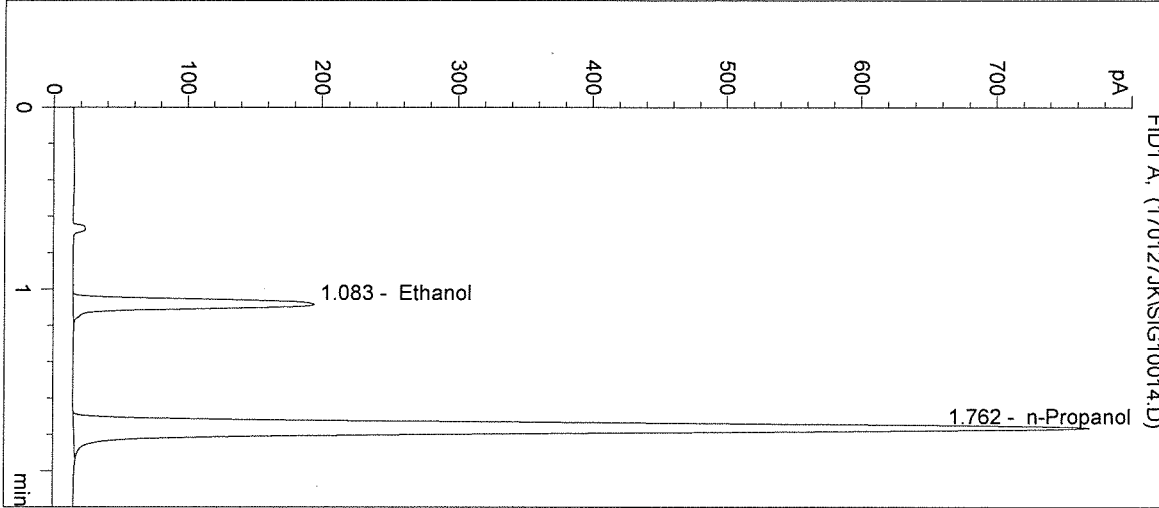
Operator: Justin Knoy

Column: DB-ALC1

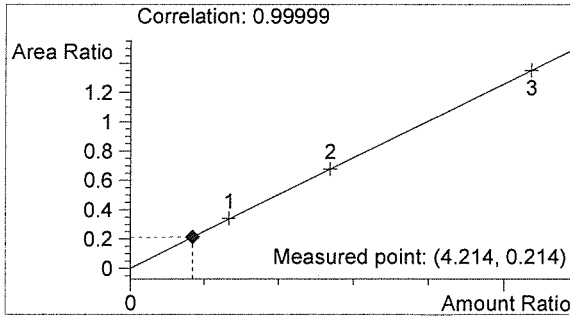
Location: Vial 14

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

Sample Info:

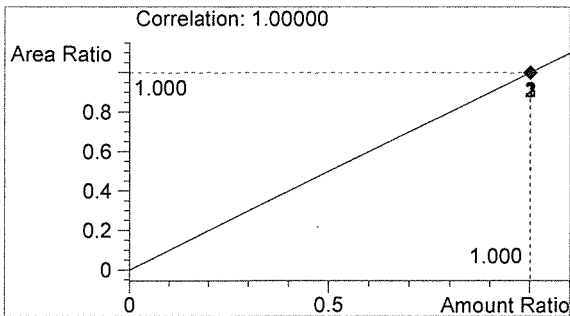


#	Compound	Peak Area	RT (min)
1	Ethanol	613	1.083
2	n-Propanol	2860	1.762



Ethanol 0.051 g/100mL

ALW



n-Propanol 0.012 g/100mL

JK

Inj. Date: 1/27/2017 9:07:16 AM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

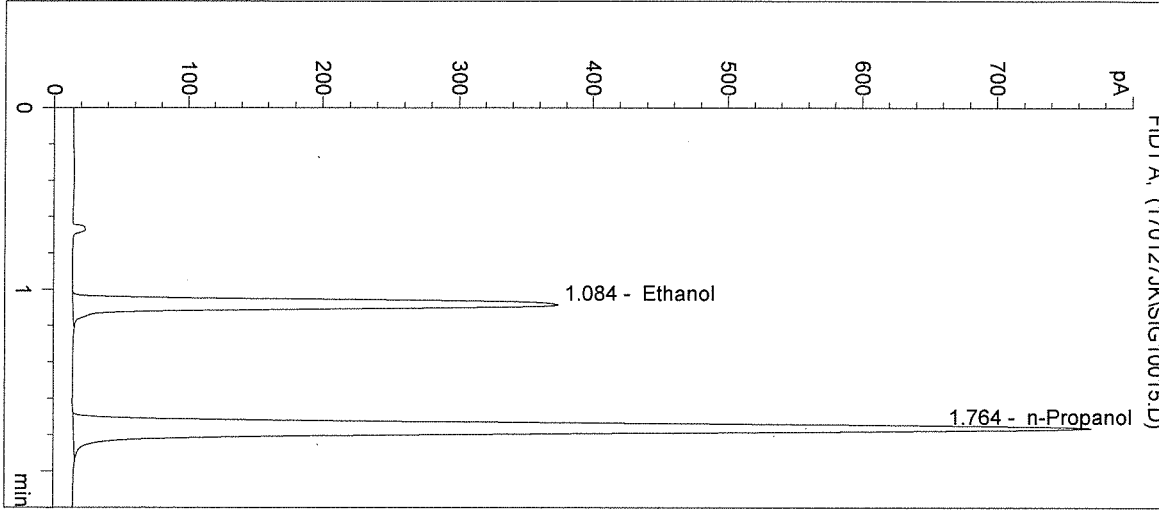
Operator: Justin Knoy

Column: DB-ALC1

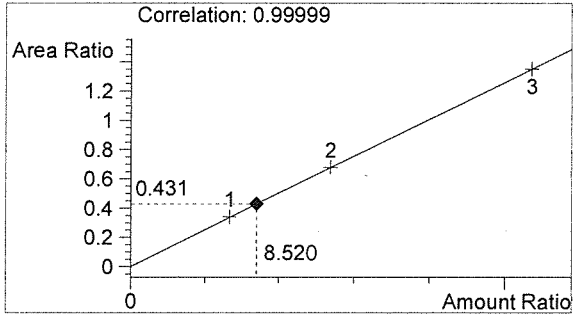
Location: Vial 15

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

Sample Info: 17010

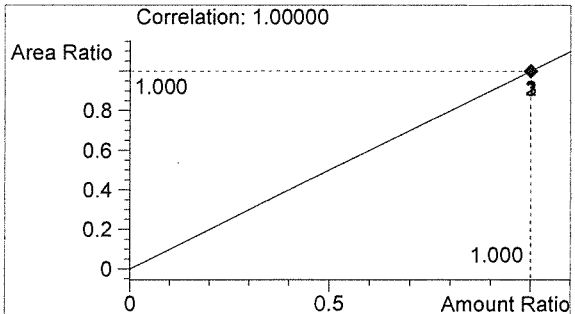


#	Compound	Peak Area	RT (min)
1	Ethanol	1236	1.084
2	n-Propanol	2868	1.764



Ethanol 0.102 g/100mL

BLW



n-Propanol 0.012 g/100mL

JR

Inj. Date: 1/27/2017 9:10:28 AM

Sample Name: NEG CTRL

Instrument: HSGC#1

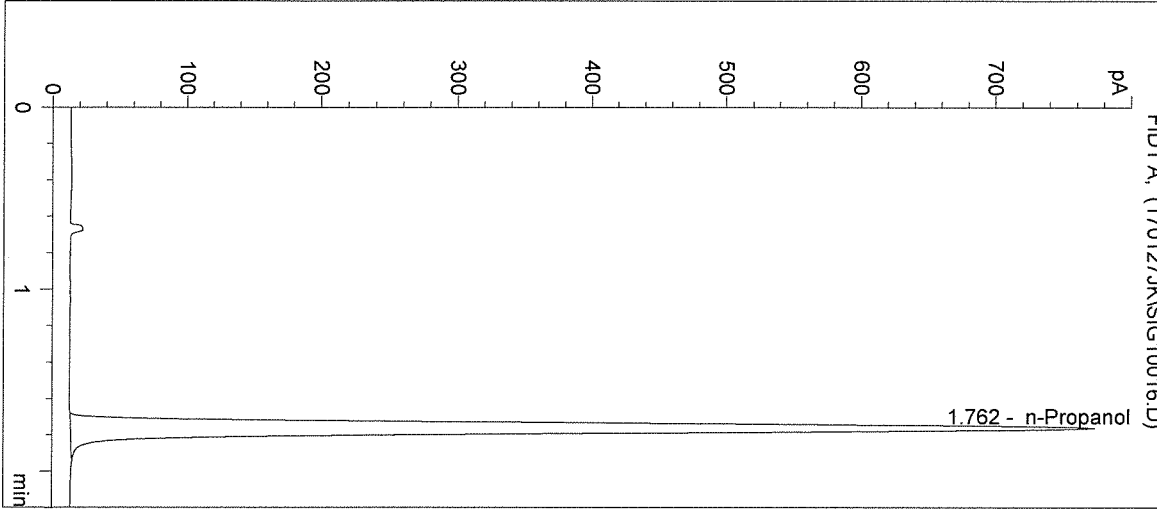
Operator: Justin Knoy

Column: DB-ALC1

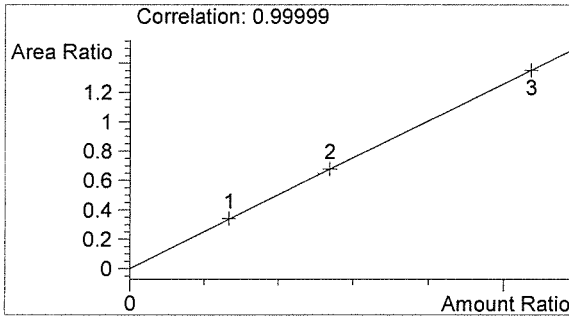
Location: Vial 16

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

Sample Info: 17010

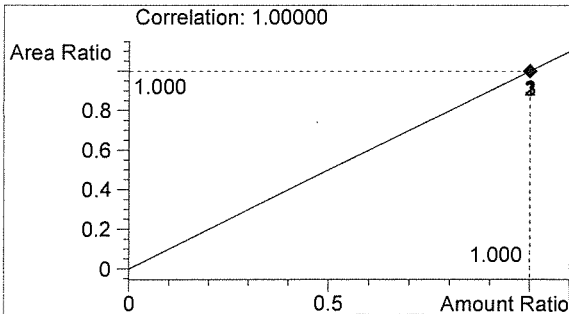


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2874	1.762



Ethanol 0.000 g/100mL

plw



n-Propanol 0.012 g/100mL

JK