



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 17029

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: 0.15 g/210L
DATE PREPARED: 03/10/2017
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Lyndsey Knoy

	LK	AG	CM
1	0.188	0.189	0.188
2	0.189	0.190	0.188
3	0.189	0.190	0.190
4	0.191	0.191	0.189
5	0.189	0.189	0.187
C	0.102	0.103	0.101

ETHANOL CONTROL INFORMATION

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

RESULTS OF TESTING

AVERAGE SOLUTION CONCENTRATION: 0.1891 g/100mL PRECISION CV (%): 0.60
STANDARD DEVIATION: 0.00113 NUMBER OF TESTS: 15

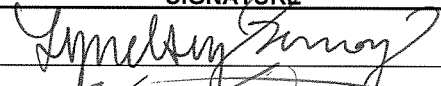


EQUIVALENT VAPOR CONCENTRATION: **0.1538 g/210L**
EXPANDED UNCERTAINTY: ± 0.0036 (k=2, 95.45% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION



Brianne E. O'Reilly Technical Lead

3.15.17
DATE REPORT ISSUED

ANALYST	NAME	THIS TESTING WAS PERFORMED BY:	
		SIGNATURE	DATE TESTED
LK	Lyndsey Knoy		03/10/2017
AG	Andrew Gingras		03/10/2017
CM	Christie Mitchell-Mata		03/13/2017

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 3-20-17

Location: WSP-FLSB Seattle, WA Solution Batch Number: 17029

	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: _____

3-20-17

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

QAP Solution Batch #: 17029

Date Prepared: 3/10/2017

Analyst:	LK	AG	CM
Date Tested:	3/10/2017	3/10/2017	3/13/2017
Instrument:	HSGC #1	HSGC #1	HSGC #1
1	0.188	0.189	0.188
2	0.189	0.190	0.188
3	0.189	0.190	0.190
4	0.191	0.191	0.189
5	0.189	0.189	0.187
C	0.102	0.103	0.101

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000023607	0.0000320390	0.0001016326

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

Average Solution Concentration: 0.1891 g/100mL
 Standard Deviation: 0.00113 g/100mL
 Precision CV (%): 0.60
 Equivalent Vapor Concentration: 0.1538 g/210L
 Combined Standard Uncertainty (\pm): 0.0018 g/210L
 Expanded Uncertainty (\pm): 0.0036 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Brianne E. O'Reilly Brianne E O'Reilly 3-14-17
 Name Signature Date

Calculations verified by: Amanda M. Black [Signature] 3-20-17 Method: Hand calculation
 Name Signature Date

Tech. review performed by: Brianne E. O'Reilly Brianne E O'Reilly 3-14-17
 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>	3/15/17
Asa Louis		
Brittany Thomas		
Christie Mitchell-Mata	<i>CM</i>	3/15/17
Christopher Johnston		
David Nguyen		
Dawn Sklerov		
Elizabeth Wehner		
Justin Knoy		
Katie Harris		
Lyndsey Knoy	<i>LK</i>	3.15.17
Naziha Nuwayhid		
Rebecca Flaherty		

17029

Batch #

BW03.14.17

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

**0.15 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 17029**

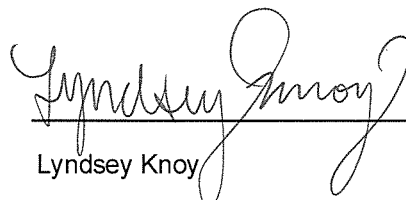
I, Lyndsey Knoy, do certify under penalty of perjury that:

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 quality assurance procedure (QAP) solution, Lot Number 17029, was prepared in the Washington State Toxicology Laboratory on 3/10/2017. 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 3/10/2018.

Seattle, WA

 3/15/17

Lyndsey Knoy 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

**0.15 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 17029**

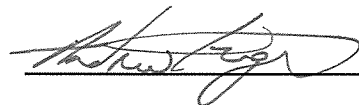
I, Andrew Gingras, do certify under penalty of perjury that:

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 17029, was prepared in the Washington State Toxicology Laboratory on 3/10/2017. 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 3/10/2018.

Seattle, WA

 3/15/2017

Andrew Gingras
Forensic Scientist

Date



JAY INSLEE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

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**0.15 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 17029**

I, Christie Mitchell-Mata, 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: BA degree in Chemistry, MFS degree in Forensic Science.

The quality assurance procedure (QAP) solution, Lot Number 17029, was prepared in the Washington State Toxicology Laboratory on 3/10/2017. 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 3/10/2018.

Seattle, WA

 3/15/17

Christie Mitchell-Mata

Date

Forensic Toxicologist



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

Preparation Date: 3.10.17 Expiration Date: 3.10.18 Initials of Preparer: LK

Lot # of 200-proof Ethanol used in preparation: 2FE01309

Date the 200-proof Ethanol bottle was opened: 3.7.17

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>17026</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>17027</u>
QAP 0.10	28.1	18	<input checked="" type="checkbox"/>	<u>17028</u>
QAP 0.15	42.1	18	<input checked="" type="checkbox"/>	<u>17029</u>
QAP 0.20	56.1	18	<input type="checkbox"/>	
ESS	66.5	52	<input type="checkbox"/>	

Stir bar is rotating

Stirred for minimum 30 minutes; 2 hours for ESS

Spigot purged

Aliquot taken

Batch labeled, packaged and sealed 3.10.17
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:

[Signature]
Analyst Signature

3.10.17
Date

17029
Buo 3.14.1

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: 170310LK
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1 0.079 g/100 mL, E0217-01 - Exp. 08/21/17
 Ethanol Calibrator 2 0.158 g/100 mL, E0217-02 - Exp. 08/21/17
 Ethanol Calibrator 3 0.316 g/100 mL, E0217-03 - Exp. 08/21/17

 0.04 Control - Lot #FN12181501 - Exp. 12/2020
 0.10 Control - Lot #FN08051301 - Exp. 10/2018
 0.20 Control - Lot #FN08101505 - Exp. 02/2021

 ISTD Lot#P0117 - Exp. 04/20/2017

 Calibration 1-9 filed with 17026

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	Negative 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	Negative CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	17026 #1	SIMALC1	1	Sample		
11	Vial 11	17026 #2	SIMALC1	1	Sample		
12	Vial 12	17026 #3	SIMALC1	1	Sample		
13	Vial 13	17026 #4	SIMALC1	1	Sample		
14	Vial 14	17026 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	Negative CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	17027 #1	SIMALC1	1	Sample		
18	Vial 18	17027 #2	SIMALC1	1	Sample		
19	Vial 19	17027 #3	SIMALC1	1	Sample		
20	Vial 20	17027 #4	SIMALC1	1	Sample		
21	Vial 21	17027 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	Negative CTRL	SIMALC1	1	Ctrl Samp		
24	Vial 24	17028 #1	SIMALC1	1	Sample		

17029
 Row 3-14-17

JK
JK

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
25	Vial 25	17028 #2	SIMALC1	1	Sample		
26	Vial 26	17028 #3	SIMALC1	1	Sample		
27	Vial 27	17028 #4	SIMALC1	1	Sample		
28	Vial 28	17028 #5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL	SIMALC1	1	Ctrl Samp		
30	Vial 30	Negative CTRL	SIMALC1	1	Ctrl Samp		
31	Vial 31	17029 #1	SIMALC1	1	Sample		
32	Vial 32	17029 #2	SIMALC1	1	Sample		
33	Vial 33	17029 #3	SIMALC1	1	Sample		
34	Vial 34	17029 #4	SIMALC1	1	Sample		
35	Vial 35	17029 #5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC1	1	Ctrl Samp		
37	Vial 37	Negative CTRL	SIMALC1	1	Ctrl Samp		
38	Vial 38	17030 #1	SIMALC1	1	Sample		
39	Vial 39	17030 #2	SIMALC1	1	Sample		
40	Vial 40	17030 #3	SIMALC1	1	Sample		
41	Vial 41	17030 #4	SIMALC1	1	Sample		
42	Vial 42	17030 #5	SIMALC1	1	Sample		
43	Vial 43	0.10 CTRL	SIMALC1	1	Ctrl Samp		
44	Vial 44	Negative CTRL	SIMALC1	1	Ctrl Samp		

Calibration Part:

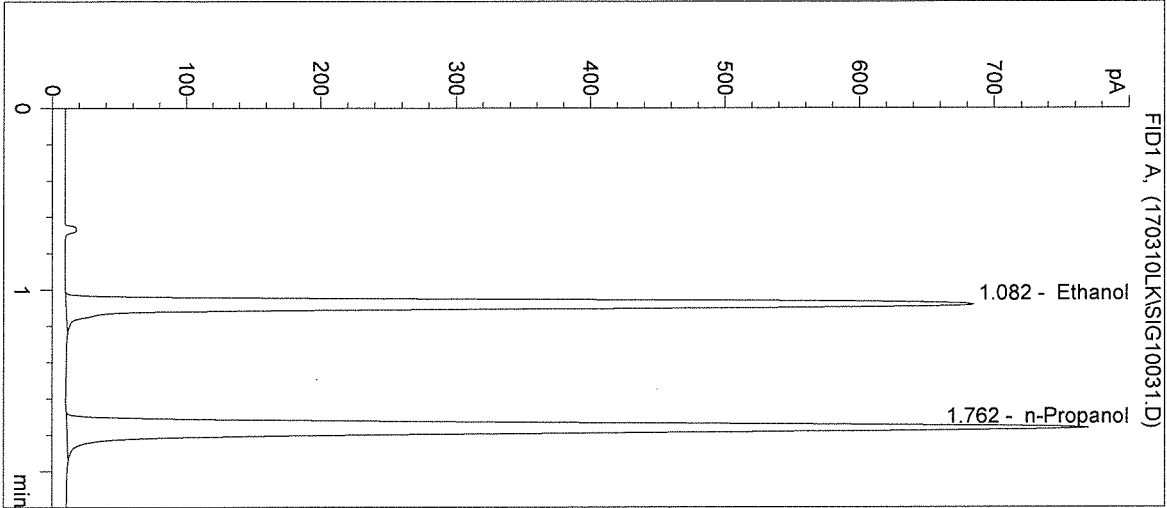
Line	Location	SampleName	Method	CalLev	Update	RF	Update	RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC1	1	Replace		Replace		
3	Vial 3	0.158 CAL 2	SIMALC1	2	Replace		Replace		
4	Vial 4	0.316 CAL 3	SIMALC1	3	Replace		Replace		

Sequence Table (Back Injector):

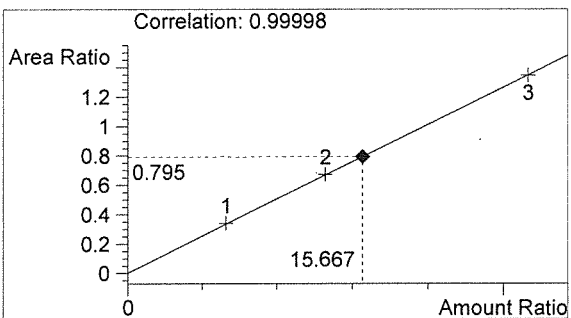
No entries - empty table!

17029
Bu03.14.17

Inj. Date: 3/10/2017 12:45:34 PM Sample Name: 17029 #1
Instrument: HSGC#1 Operator: Lyndsey Knoy
Column: DB-ALC1 Location: Vial 31
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

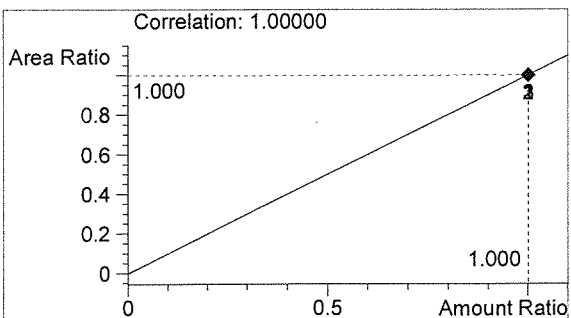


#	Compound	Peak Area	RT (min)
1	Ethanol	2264	1.082
2	n-Propanol	2848	1.762



Ethanol 0.188 g/100mL

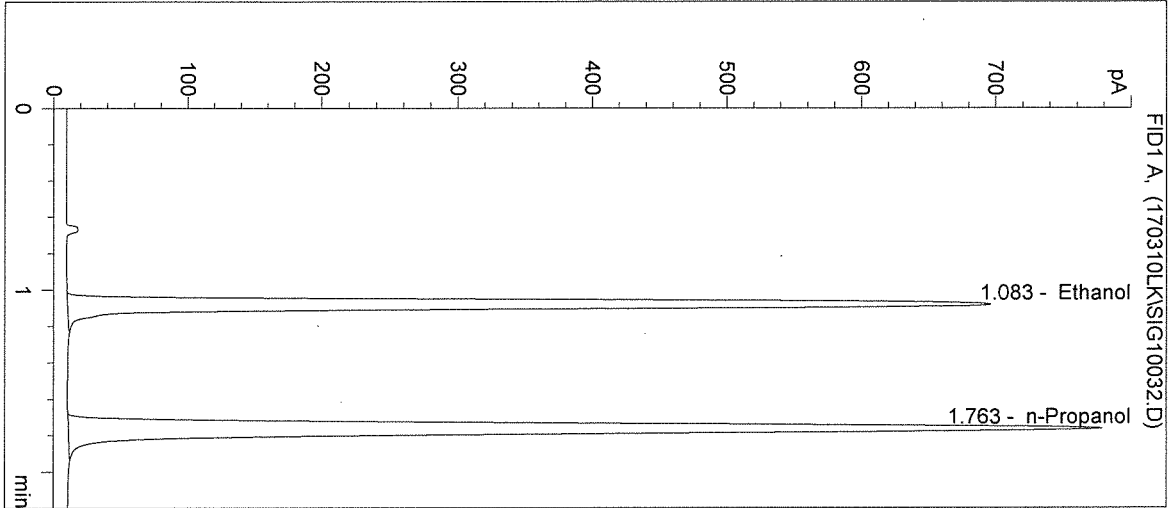
BLW



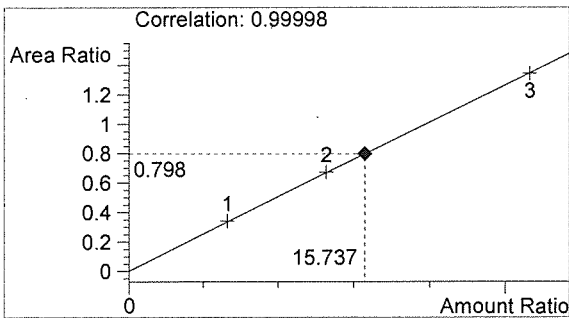
n-Propanol 0.012 g/100mL

fu

Inj. Date: 3/10/2017 12:48:47 PM Sample Name: 17029 #2
 Instrument: HSGC#1 Operator: Lyndsey Knoy
 Column: DB-ALC1 Location: Vial 32
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info:

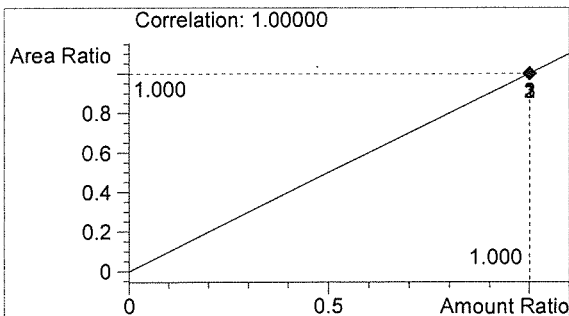


#	Compound	Peak Area	RT (min)
1	Ethanol	2306	1.083
2	n-Propanol	2888	1.763



Ethanol 0.189 g/100mL

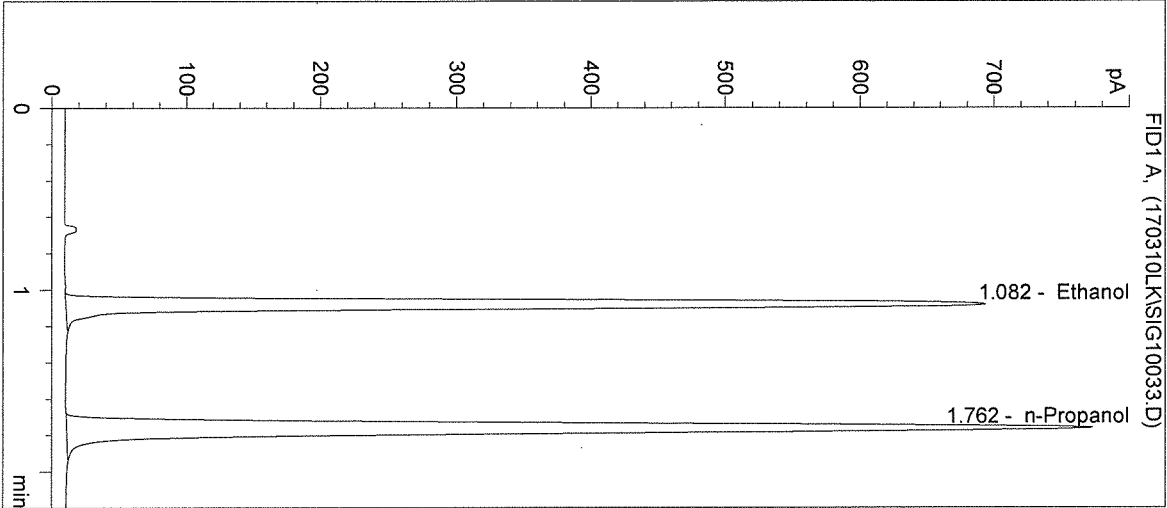
BW



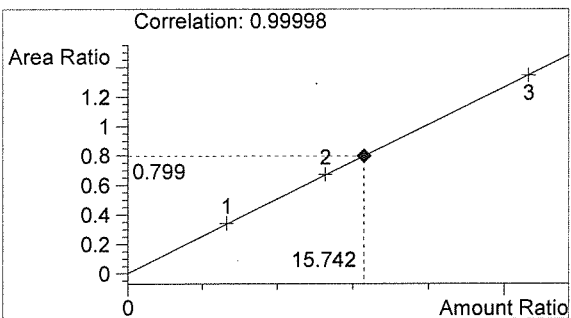
n-Propanol 0.012 g/100mL

fw

Inj. Date: 3/10/2017 12:52:00 PM Sample Name: 17029 #3
 Instrument: HSGC#1 Operator: Lyndsey Knoy
 Column: DB-ALC1 Location: Vial 33
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info:

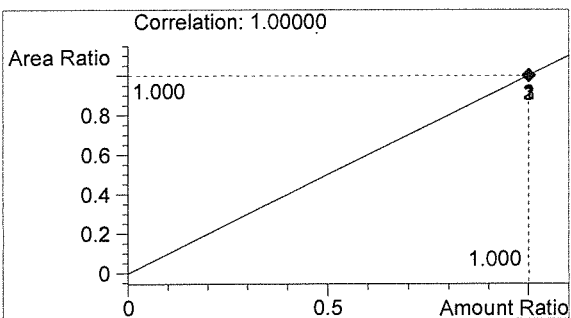


#	Compound	Peak Area	RT (min)
1	Ethanol	2282	1.082
2	n-Propanol	2857	1.762



Ethanol 0.189 g/100mL

BW



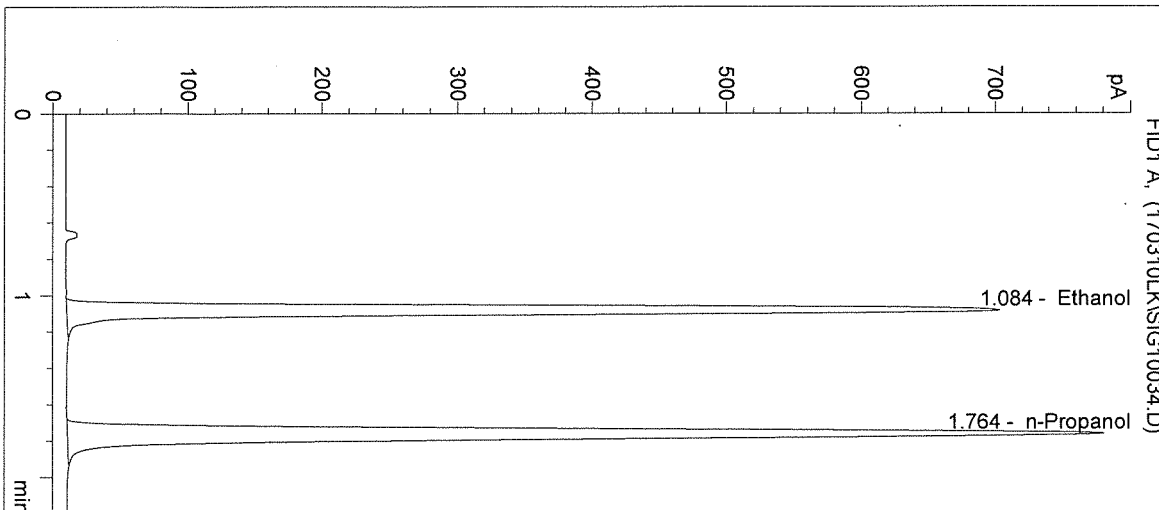
n-Propanol 0.012 g/100mL

fu

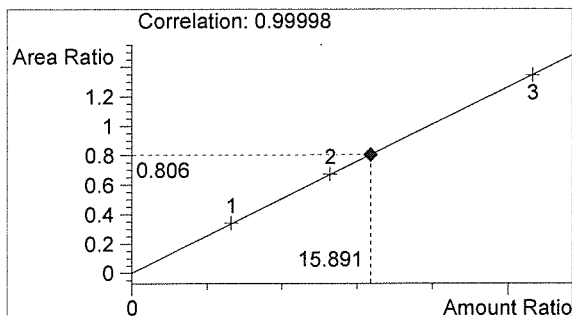
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/10/2017 12:55:13 PM Sample Name: 17029 #4
 Instrument: HSGC#1 Operator: Lyndsey Knoy
 Column: DB-ALC1 Location: Vial 34
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Info:

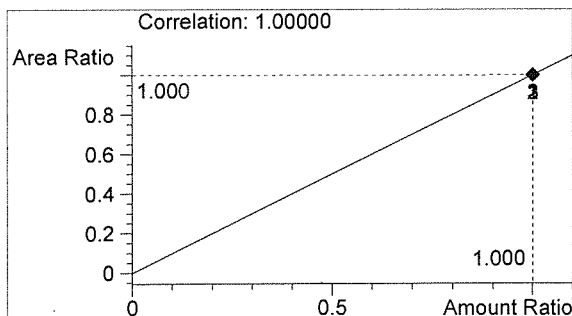


#	Compound	Peak Area	RT (min)
1	Ethanol	2333	1.084
2	n-Propanol	2894	1.764



Ethanol 0.191 g/100mL

BLW



n-Propanol 0.012 g/100mL

pk

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

Inj. Date: 3/10/2017 12:58:26 PM

Sample Name: 17029 #5

Instrument: HSGC#1

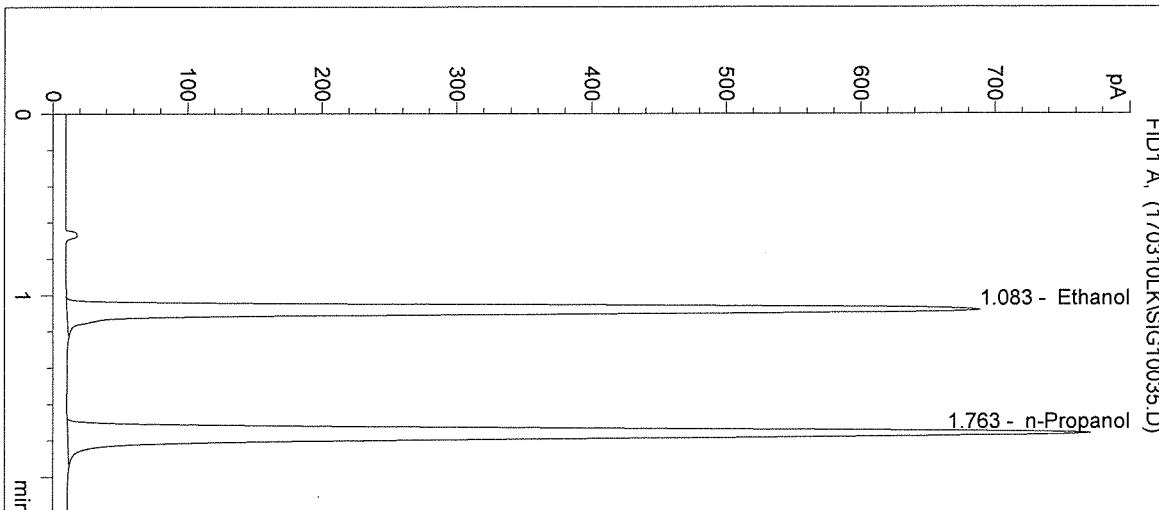
Operator: Lyndsey Knoy

Column: DB-ALC1

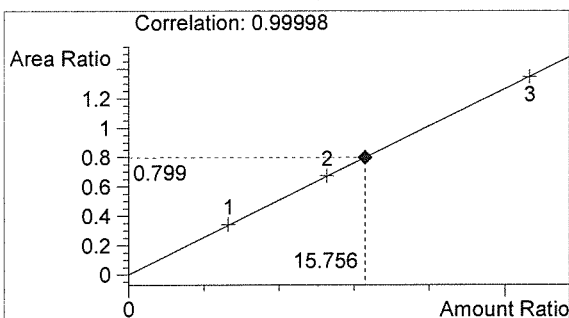
Location: Vial 35

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

Sample Info:

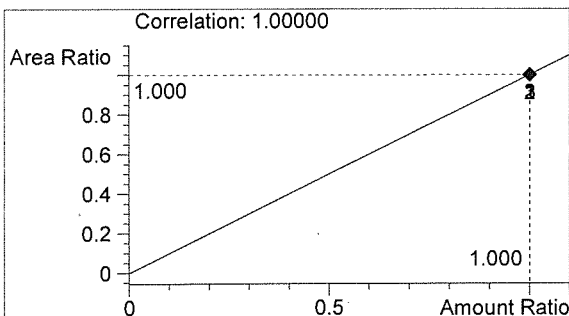


#	Compound	Peak Area	RT (min)
1	Ethanol	2283	1.083
2	n-Propanol	2856	1.763



Ethanol 0.189 g/100mL

BLW



n-Propanol 0.012 g/100mL

LN

Inj. Date: 3/10/2017 1:01:40 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

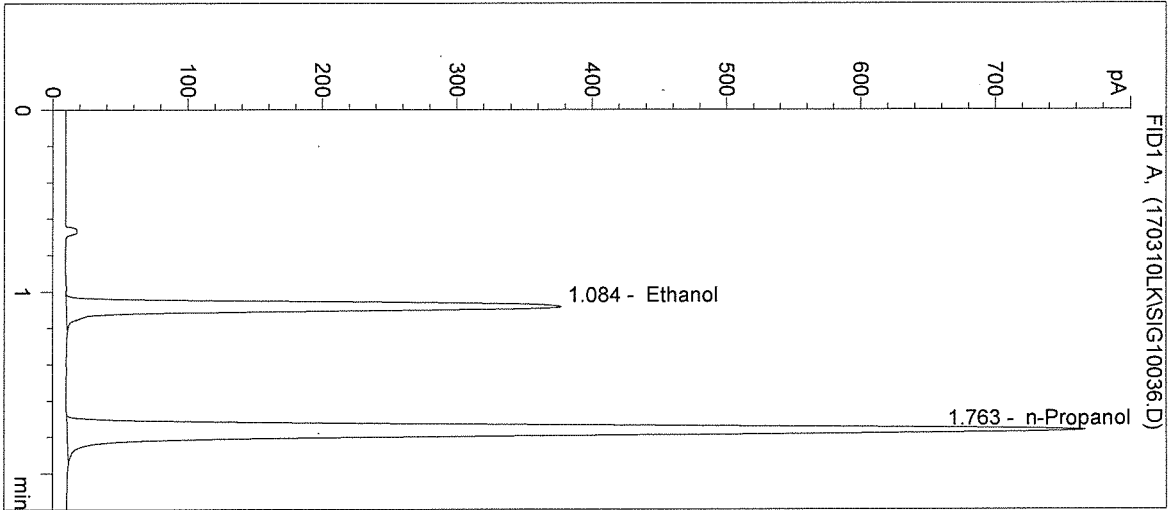
Operator: Lyndsey Knoy

Column: DB-ALC1

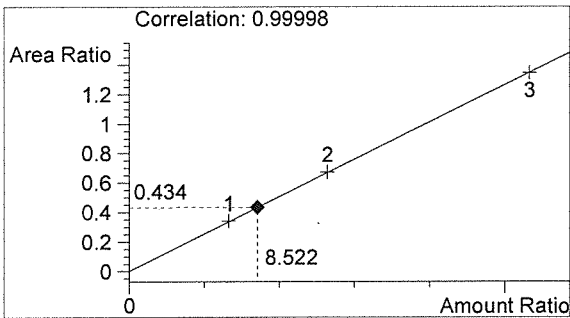
Location: Vial 36

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

Sample Info: 17029

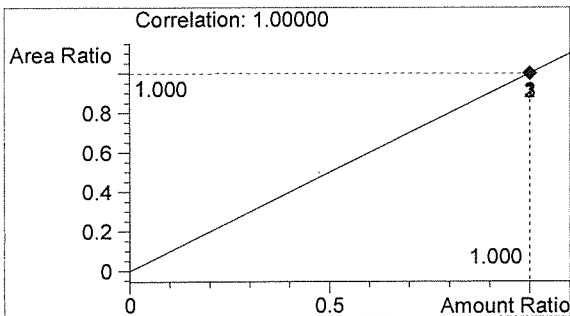


#	Compound	Peak Area	RT (min)
1	Ethanol	1236	1.084
2	n-Propanol	2846	1.763



Ethanol 0.102 g/100mL

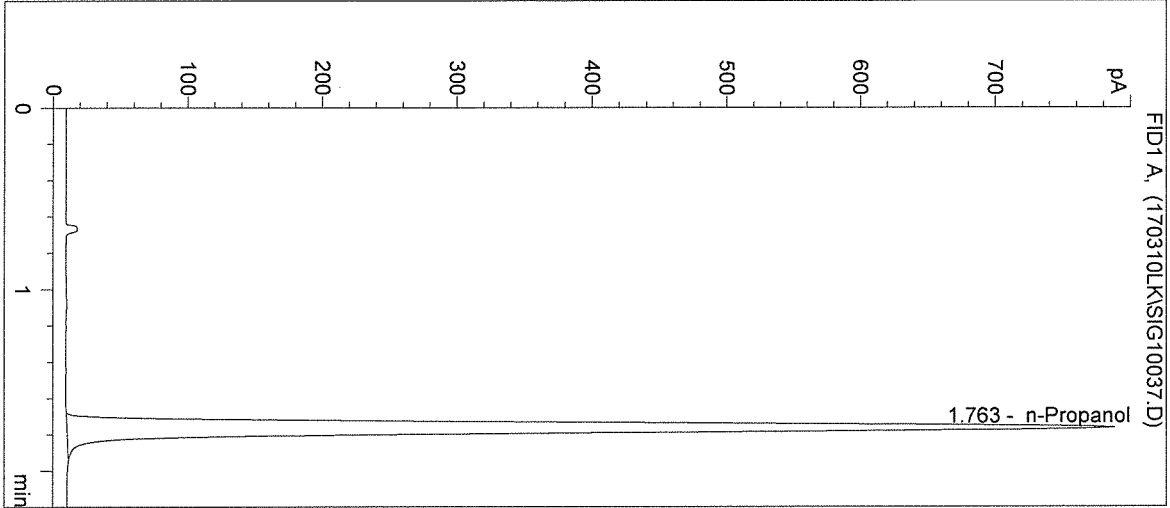
BLW



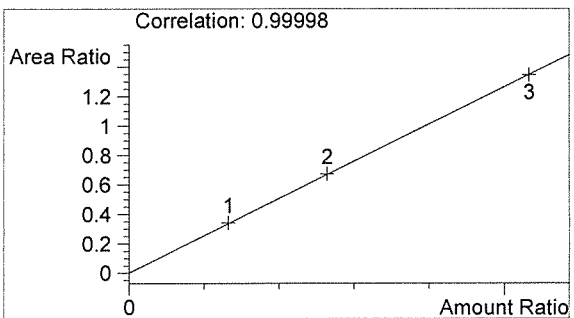
n-Propanol 0.012 g/100mL

fm

Inj. Date: 3/10/2017 1:04:53 PM Sample Name: Negative CTRL
Instrument: HSGC#1 Operator: Lyndsey Knoy
Column: DB-ALC1 Location: Vial 37
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17029

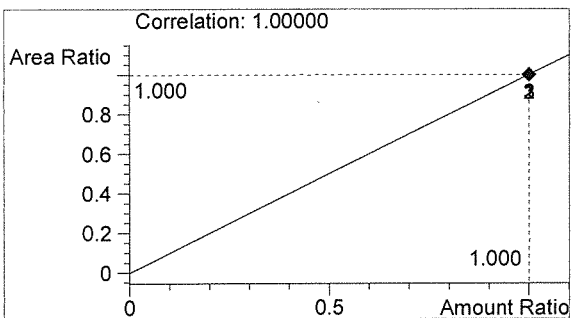


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2921	1.763



Ethanol 0.000 g/100mL

AWD



n-Propanol 0.012 g/100mL

fu

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: 170310A2
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1 0.079 g/100 mL, E0217-01 - Exp. 08/21/17
 Ethanol Calibrator 2 0.158 g/100 mL, E0217-02 - Exp. 08/21/17
 Ethanol Calibrator 3 0.316 g/100 mL, E0217-03 - Exp. 08/21/17

 0.04 Control - Lot #FN12181501 - Exp. 12/2020
 0.10 Control - Lot #FN08051301 - Exp. 10/2018
 0.20 Control - Lot #FN08101505 - Exp. 02/2021

 ISTD Lot#P0117 - Exp. 04/20/2017

 Calibration 1-9 filed with 17026
 Diluter #3

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	Negative 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	Negative CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	17026 #1	SIMALC1	1	Sample		
11	Vial 11	17026 #2	SIMALC1	1	Sample		
12	Vial 12	17026 #3	SIMALC1	1	Sample		
13	Vial 13	17026 #4	SIMALC1	1	Sample		
14	Vial 14	17026 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	Negative CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	17027 #1	SIMALC1	1	Sample		
18	Vial 18	17027 #2	SIMALC1	1	Sample		
19	Vial 19	17027 #3	SIMALC1	1	Sample		
20	Vial 20	17027 #4	SIMALC1	1	Sample		
21	Vial 21	17027 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	Negative CTRL	SIMALC1	1	Ctrl Samp		

17029
 RW 3-14-17

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
24	Vial 24	17028 #1	SIMALC1	1	Sample		
25	Vial 25	17028 #2	SIMALC1	1	Sample		
26	Vial 26	17028 #3	SIMALC1	1	Sample		
27	Vial 27	17028 #4	SIMALC1	1	Sample		
28	Vial 28	17028 #5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL	SIMALC1	1	Ctrl Samp		
30	Vial 30	Negative CTRL	SIMALC1	1	Ctrl Samp		
31	Vial 31	17029 #1	SIMALC1	1	Sample		
32	Vial 32	17029 #2	SIMALC1	1	Sample		
33	Vial 33	17029 #3	SIMALC1	1	Sample		
34	Vial 34	17029 #4	SIMALC1	1	Sample		
35	Vial 35	17029 #5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC1	1	Ctrl Samp		
37	Vial 37	Negative 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!

~~17029~~
PLU 3.14.17

17029
PLU 3.14.17

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

Inj. Date: 3/10/2017 3:32:45 PM

Sample Name: 17029 #1

Instrument: HSGC#1

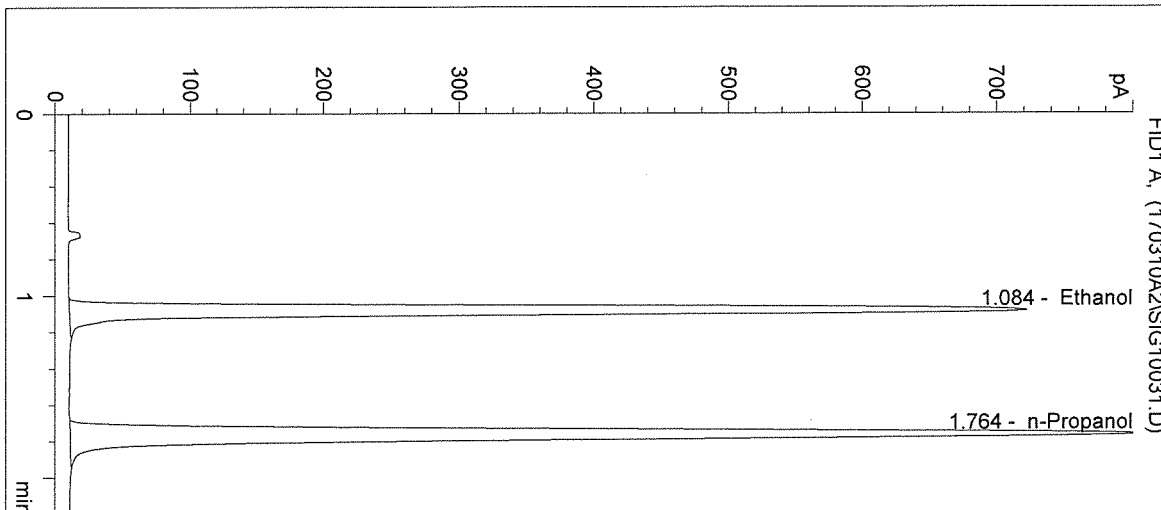
Operator: Andrew Gingras

Column: DB-ALC1

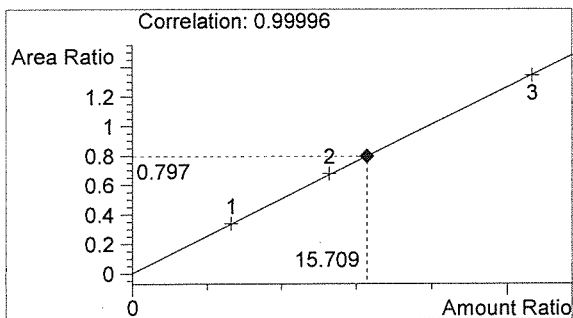
Location: Vial 31

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

Sample Info:

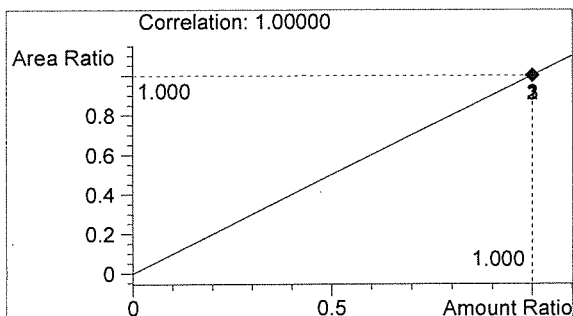


#	Compound	Peak Area	RT (min)
1	Ethanol	2400	1.084
2	n-Propanol	3011	1.764



Ethanol 0.189 g/100mL

BLW



n-Propanol 0.012 g/100mL

AG

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

Inj. Date: 3/10/2017 3:35:58 PM

Sample Name: 17029 #2

Instrument: HSGC#1

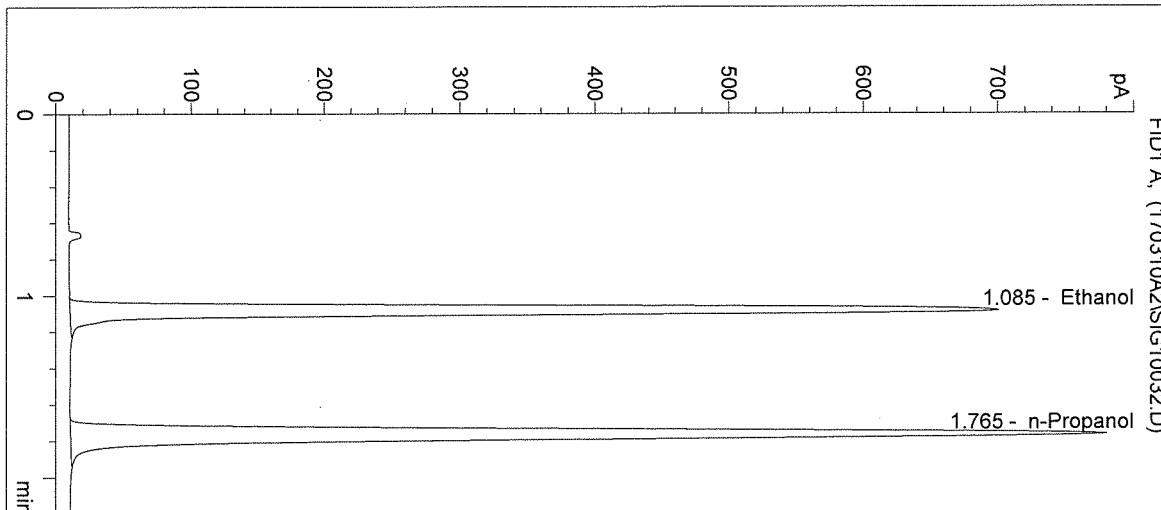
Operator: Andrew Gingras

Column: DB-ALC1

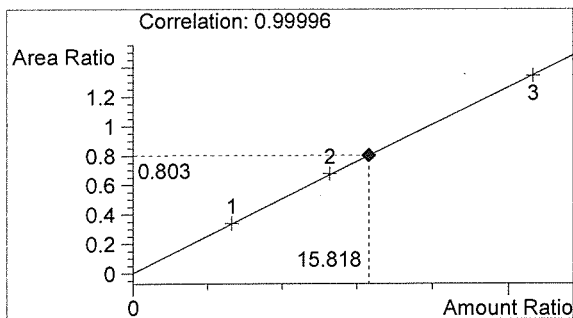
Location: Vial 32

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

Sample Info:

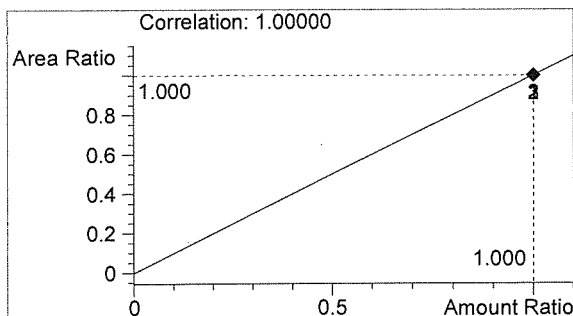


#	Compound	Peak Area	RT (min)
1	Ethanol	2327	1.085
2	n-Propanol	2899	1.765



Ethanol 0.190 g/100mL

AWD



n-Propanol 0.012 g/100mL

AG

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

Inj. Date: 3/10/2017 3:39:11 PM

Sample Name: 17029 #3

Instrument: HSGC#1

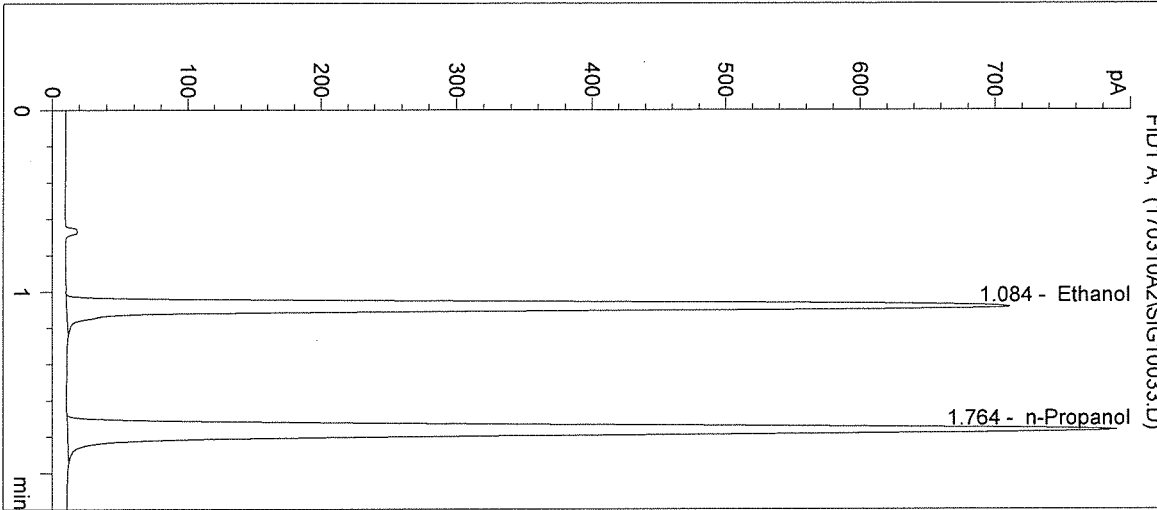
Operator: Andrew Gingras

Column: DB-ALC1

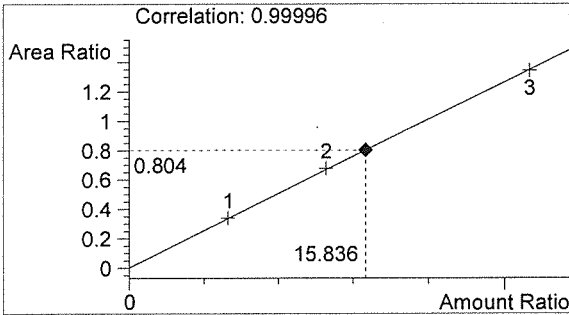
Location: Vial 33

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

Sample Info:

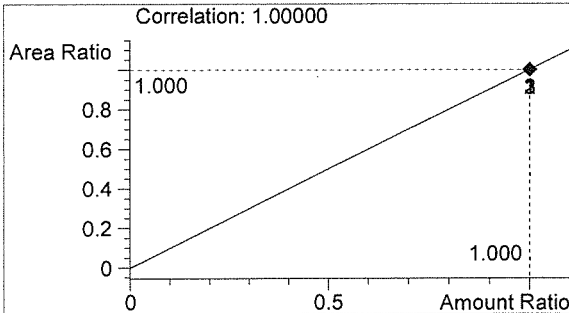


#	Compound	Peak Area	RT (min)
1	Ethanol	2355	1.084
2	n-Propanol	2930	1.764



Ethanol 0.190 g/100mL

AWO



n-Propanol 0.012 g/100mL

JB

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

Inj. Date: 3/10/2017 3:42:24 PM

Sample Name: 17029 #4

Instrument: HSGC#1

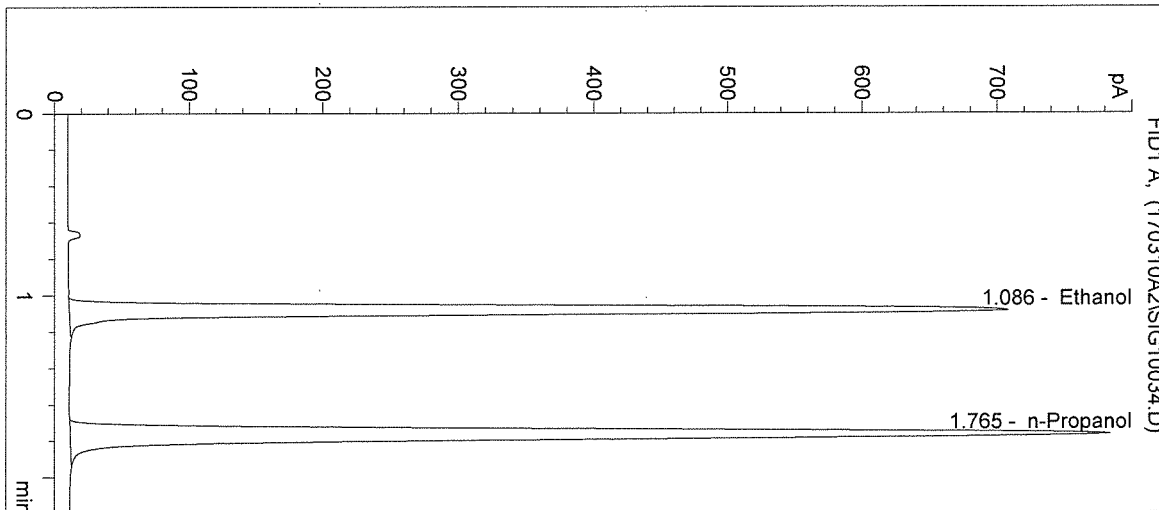
Operator: Andrew Gingras

Column: DB-ALC1

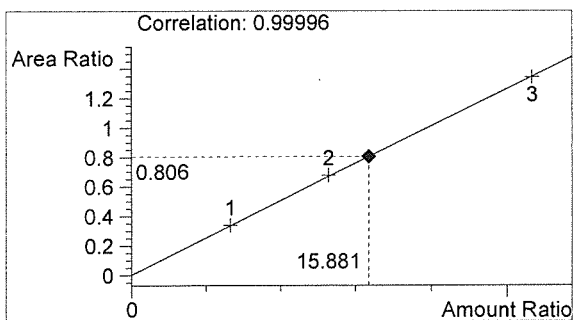
Location: Vial 34

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

Sample Info:

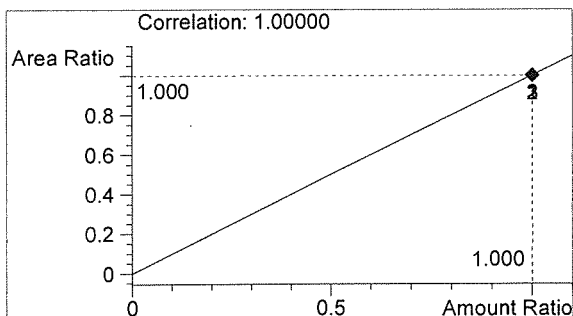


#	Compound	Peak Area	RT (min)
1	Ethanol	2352	1.086
2	n-Propanol	2918	1.765



Ethanol 0.191 g/100mL

AWD



n-Propanol 0.012 g/100mL

AG

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

Inj. Date: 3/10/2017 3:45:38 PM

Sample Name: 17029 #5

Instrument: HSGC#1

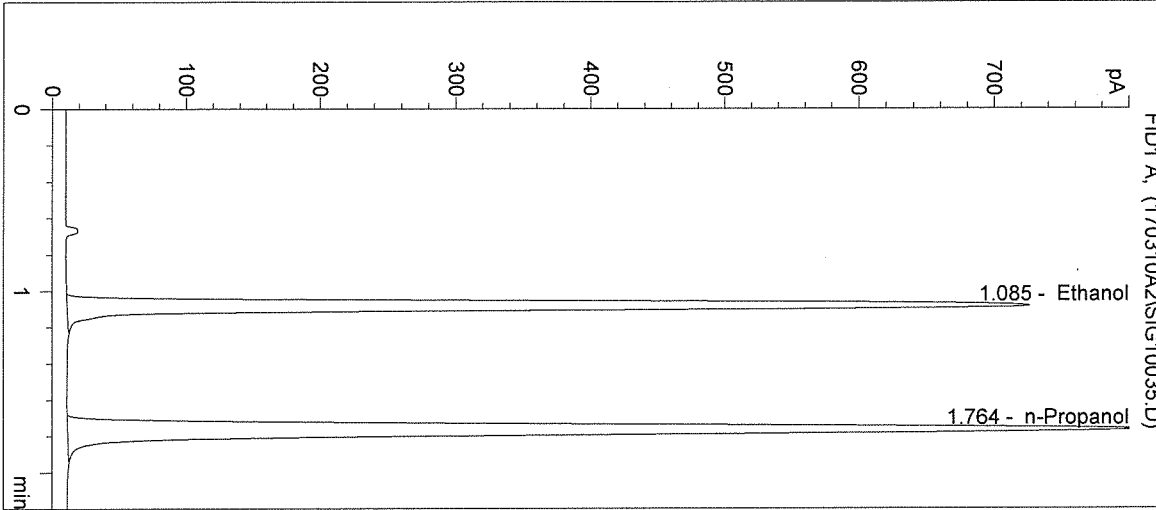
Operator: Andrew Gingras

Column: DB-ALC1

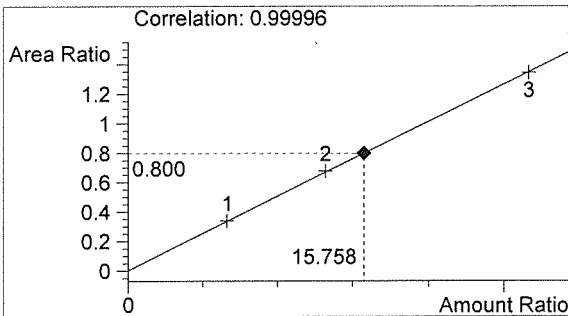
Location: Vial 35

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

Sample Info:

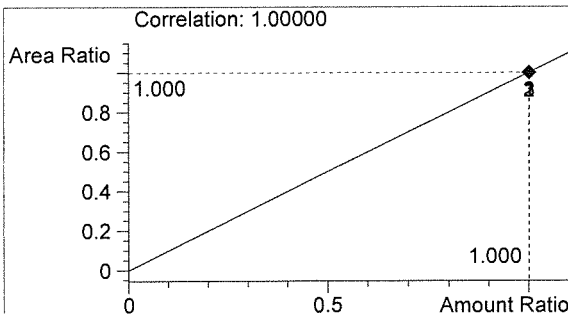


#	Compound	Peak Area	RT (min)
1	Ethanol	2409	1.085
2	n-Propanol	3013	1.764



Ethanol 0.189 g/100mL

BLD



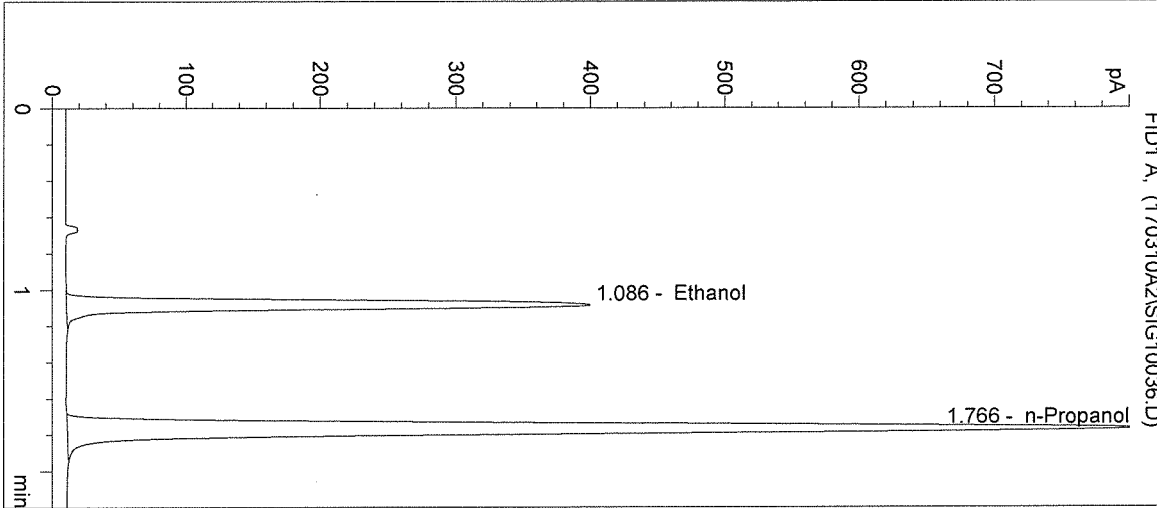
n-Propanol 0.012 g/100mL

AG

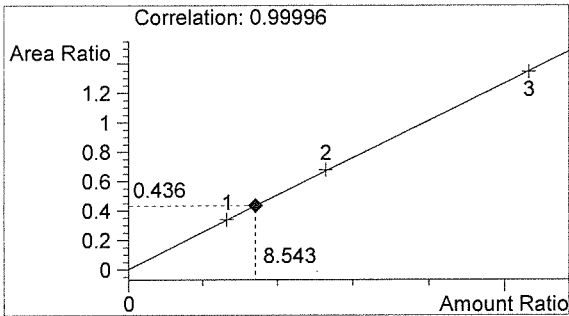
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/10/2017 3:48:50 PM
 Instrument: HSGC#1
 Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info: 17029

Sample Name: 0.10 CTRL
 Operator: Andrew Gingras
 Location: Vial 36

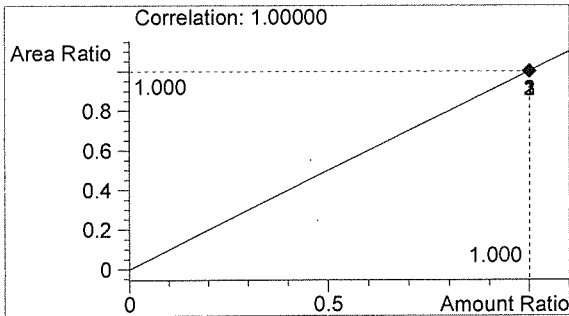


#	Compound	Peak Area	RT (min)
1	Ethanol	1313	1.086
2	n-Propanol	3012	1.766



Ethanol 0.103 g/100mL

AW

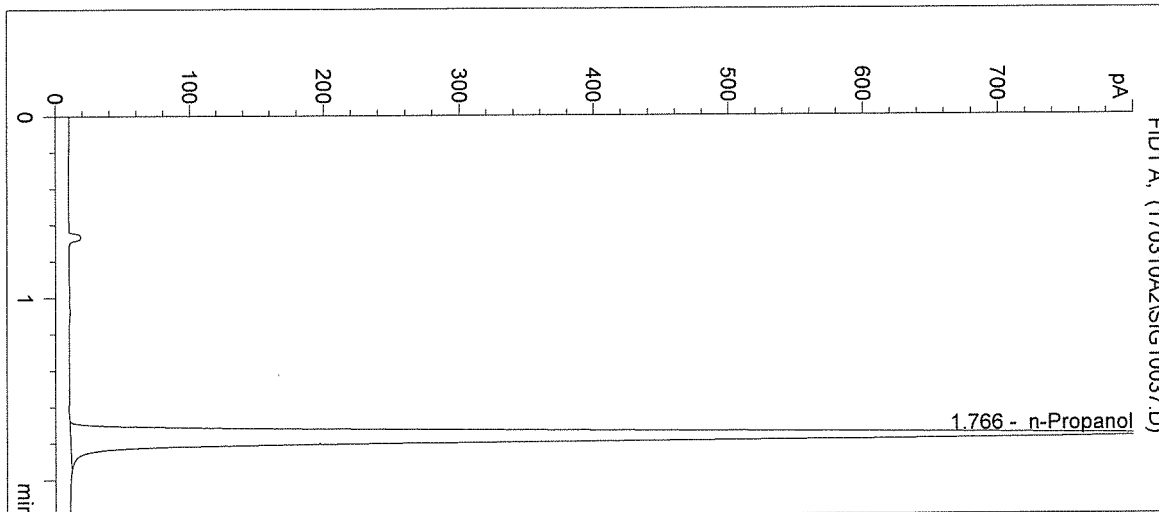


n-Propanol 0.012 g/100mL

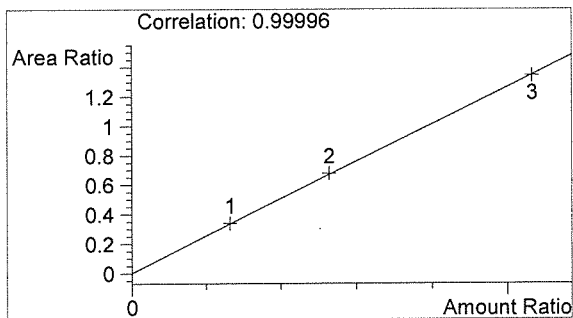
AB

Inj. Date: 3/10/2017 3:52:06 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17029

Sample Name: Negative CTRL
Operator: Andrew Gingras
Location: Vial 37

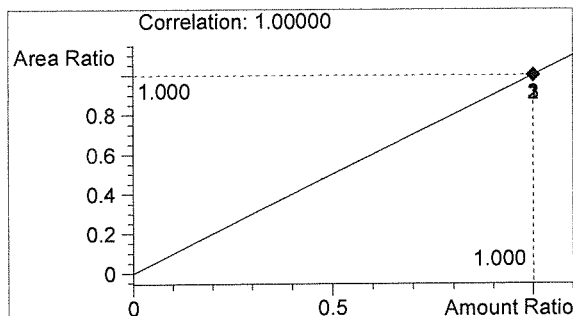


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	3095	1.766



Ethanol 0.000 g/100mL

BLW



n-Propanol 0.012 g/100mL

[Handwritten signature]

Sequence Parameters:

Operator: Christie Mitchell-Mata
 Data File Naming: Prefix/Counter
 Signal 1 Prefix: SIG1
 Counter: 0001
 Signal 2 Prefix: SIG2
 Counter: 0001
 Data Directory: C:\HPCHEM\1\DATA\
 Data Subdirectory: 170313CM
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1 0.079 g/100 mL, E0217-01 - Exp. 08/21/17
 Ethanol Calibrator 2 0.158 g/100 mL, E0217-02 - Exp. 08/21/17
 Ethanol Calibrator 3 0.316 g/100 mL, E0217-03 - Exp. 08/21/17

 0.04 Control - Lot #FN12181501 - Exp. 12/2020
 0.10 Control - Lot #FN08051301 - Exp. 10/2018
 0.20 Control - Lot #FN08101505 - Exp. 02/2021

 ISTD Lot#P0117 - Exp. 04/20/2017

 Calibration 1-9 filed with 17026

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	Negative 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	Negative CTRL	SIMALC1	1	Ctrl Samp		
10	Vial 10	17026 #1	SIMALC1	1	Sample		
11	Vial 11	17026 #2	SIMALC1	1	Sample		
12	Vial 12	17026 #3	SIMALC1	1	Sample		
13	Vial 13	17026 #4	SIMALC1	1	Sample		
14	Vial 14	17026 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL	SIMALC1	1	Ctrl Samp		
16	Vial 16	Negative CTRL	SIMALC1	1	Ctrl Samp		
17	Vial 17	17027 #1	SIMALC1	1	Sample		
18	Vial 18	17027 #2	SIMALC1	1	Sample		
19	Vial 19	17027 #3	SIMALC1	1	Sample		
20	Vial 20	17027 #4	SIMALC1	1	Sample		
21	Vial 21	17027 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 CTRL	SIMALC1	1	Ctrl Samp		
23	Vial 23	Negative CTRL	SIMALC1	1	Ctrl Samp		
24	Vial 24	17028 #1	SIMALC1	1	Sample		

17029
 ACCO 3-14-17

CM

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
25	Vial 25	17028 #2	SIMALC1	1	Sample		
26	Vial 26	17028 #3	SIMALC1	1	Sample		
27	Vial 27	17028 #4	SIMALC1	1	Sample		
28	Vial 28	17028 #5	SIMALC1	1	Sample		
29	Vial 29	0.10 CTRL	SIMALC1	1	Ctrl Samp		
30	Vial 30	Negative CTRL	SIMALC1	1	Ctrl Samp		
31	Vial 31	17029 #1	SIMALC1	1	Sample		
32	Vial 32	17029 #2	SIMALC1	1	Sample		
33	Vial 33	17029 #3	SIMALC1	1	Sample		
34	Vial 34	17029 #4	SIMALC1	1	Sample		
35	Vial 35	17029 #5	SIMALC1	1	Sample		
36	Vial 36	0.10 CTRL	SIMALC1	1	Ctrl Samp		
37	Vial 37	Negative 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!

17029
Buo 3.14.17

M

Buo 3.14.17
17031301

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

Inj. Date: 3/13/2017 12:59:37 PM

Sample Name: 17029 #1

Instrument: HSGC#1

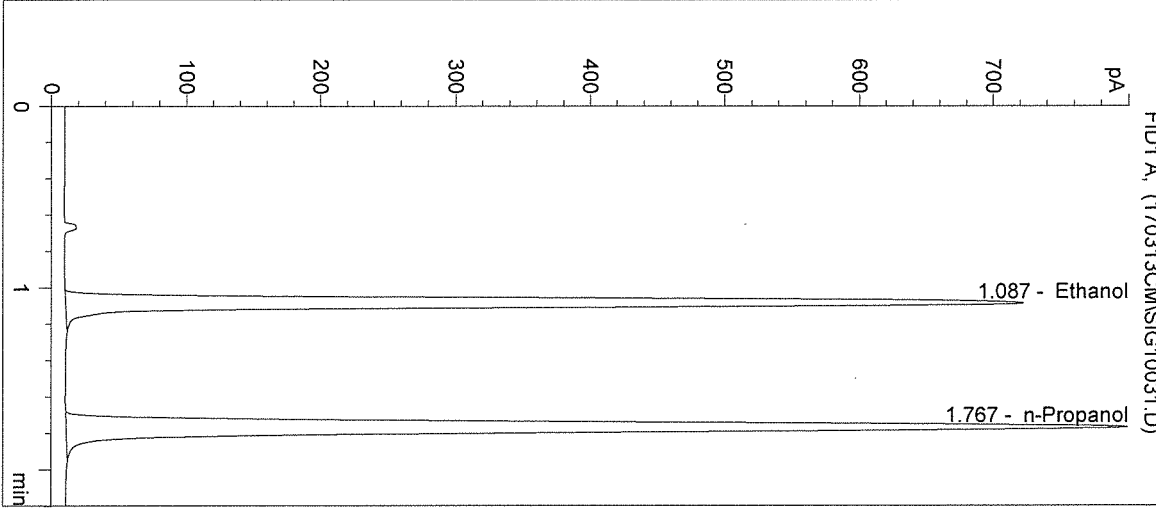
Operator: Christie Mitchell-Mata

Column: DB-ALC1

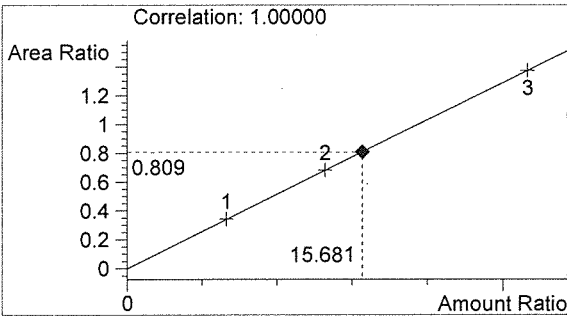
Location: Vial 31

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

Sample Info:

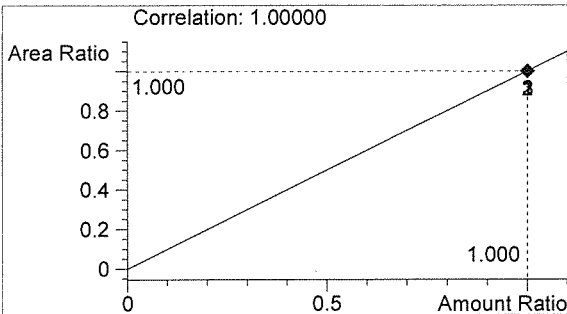


#	Compound	Peak Area	RT (min)
1	Ethanol	2415	1.087
2	n-Propanol	2985	1.767



Ethanol 0.188 g/100mL

AW



n-Propanol 0.012 g/100mL

aw

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

Inj. Date: 3/13/2017 1:02:50 PM

Sample Name: 17029 #2

Instrument: HSGC#1

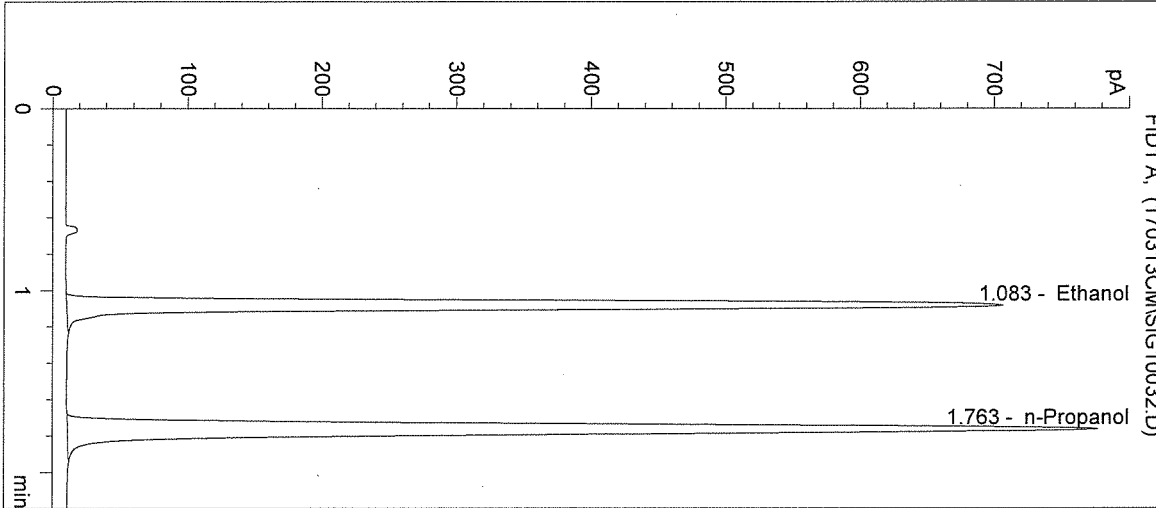
Operator: Christie Mitchell-Mata

Column: DB-ALC1

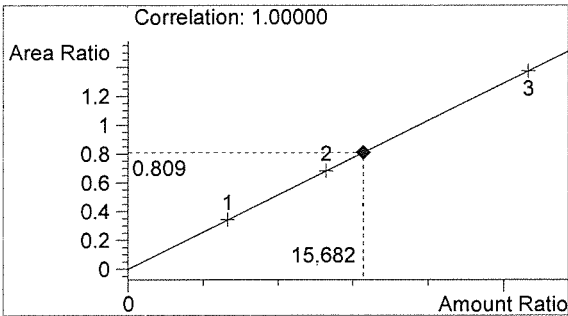
Location: Vial 32

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

Sample Info:

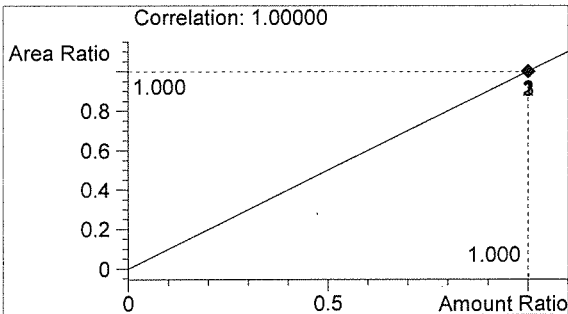


#	Compound	Peak Area	RT (min)
1	Ethanol	2322	1.083
2	n-Propanol	2871	1.763



Ethanol 0.188 g/100mL

BW



n-Propanol 0.012 g/100mL

ai

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

Inj. Date: 3/13/2017 1:06:03 PM

Sample Name: 17029 #3

Instrument: HSGC#1

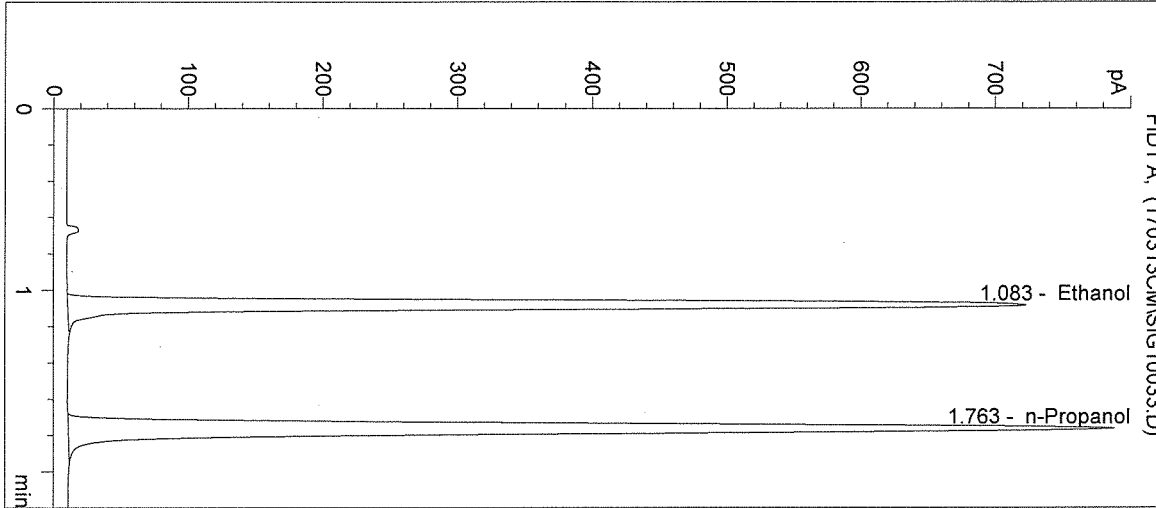
Operator: Christie Mitchell-Mata

Column: DB-ALC1

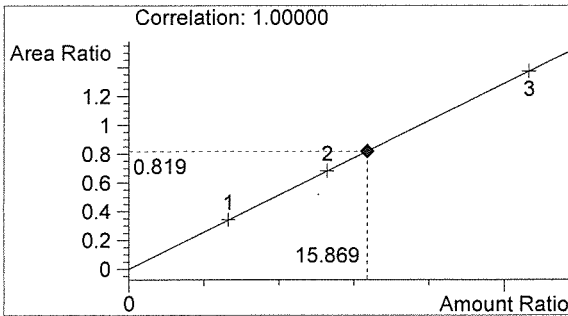
Location: Vial 33

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

Sample Info:

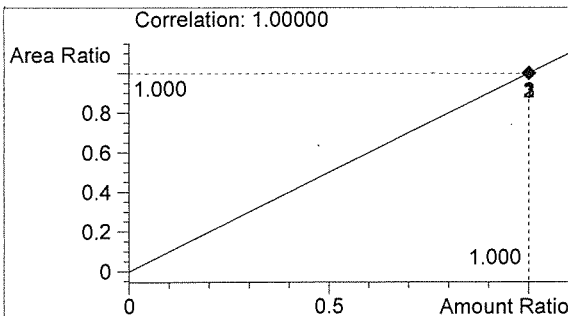


#	Compound	Peak Area	RT (min)
1	Ethanol	2382	1.083
2	n-Propanol	2910	1.763



Ethanol 0.190 g/100mL

PLU



n-Propanol 0.012 g/100mL

AM

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

Inj. Date: 3/13/2017 1:09:17 PM

Sample Name: 17029 #4

Instrument: HSGC#1

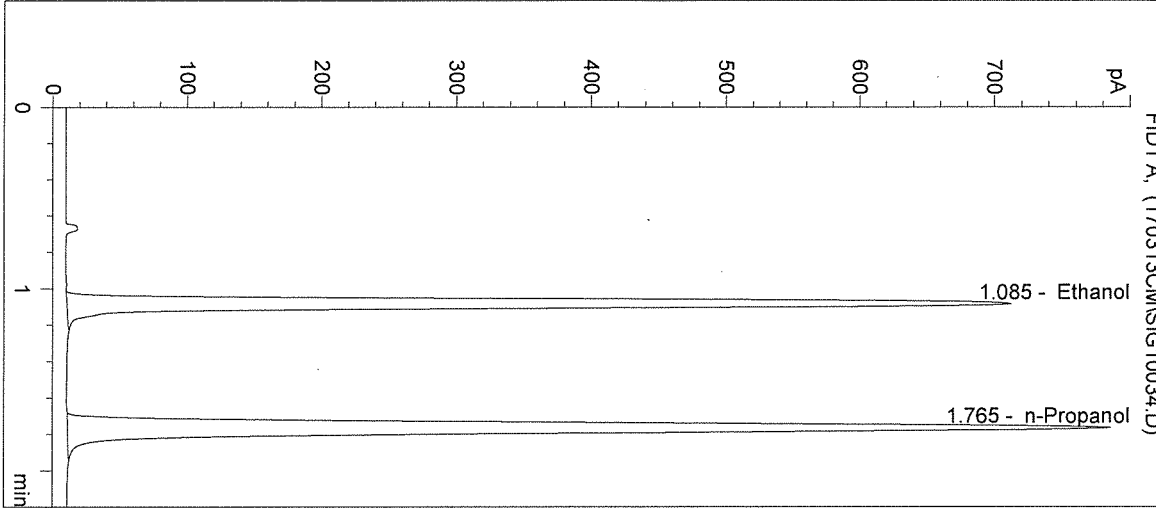
Operator: Christie Mitchell-Mata

Column: DB-ALC1

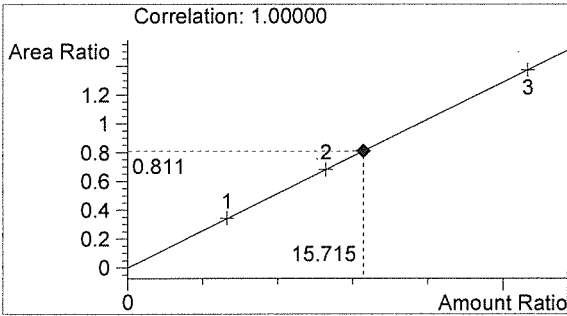
Location: Vial 34

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

Sample Info:

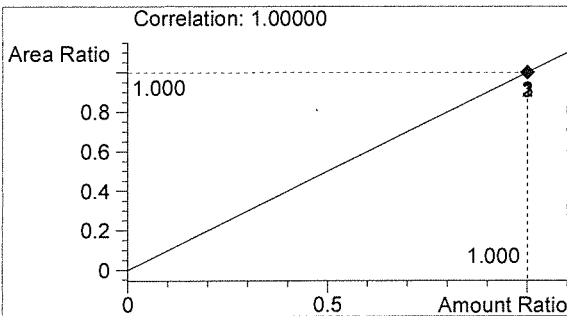


#	Compound	Peak Area	RT (min)
1	Ethanol	2360	1.085
2	n-Propanol	2911	1.765



Ethanol 0.189 g/100mL

AW



n-Propanol 0.012 g/100mL

AW

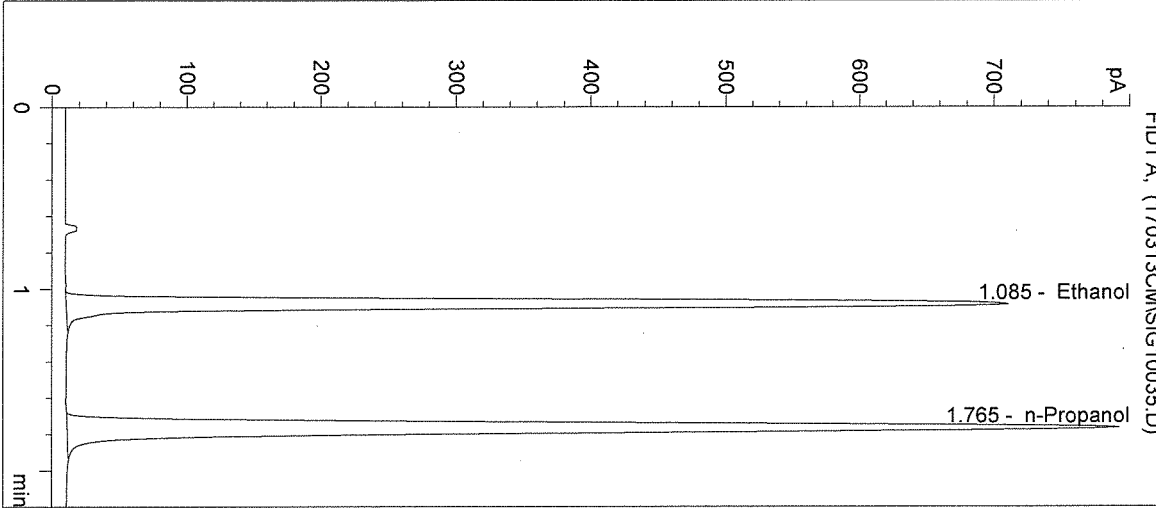
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

Inj. Date: 3/13/2017 1:12:30 PM
Instrument: HSGC#1

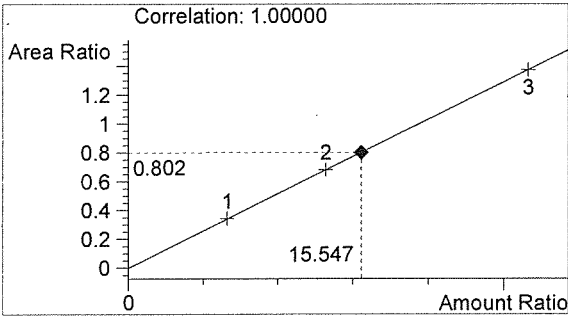
Sample Name: 17029 #5
Operator: Christie Mitchell-Mata
Location: Vial 35

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

Sample Info:

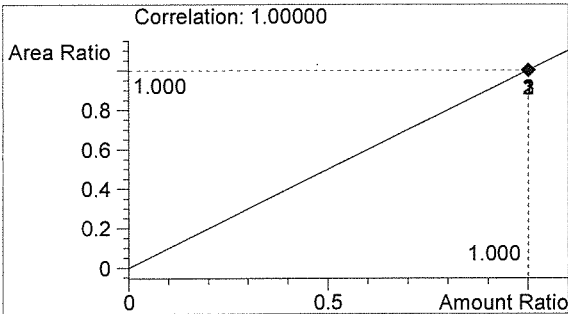


#	Compound	Peak Area	RT (min)
1	Ethanol	2352	1.085
2	n-Propanol	2933	1.765



Ethanol 0.187 g/100mL

BLW



n-Propanol 0.012 g/100mL

an

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

Inj. Date: 3/13/2017 1:15:43 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

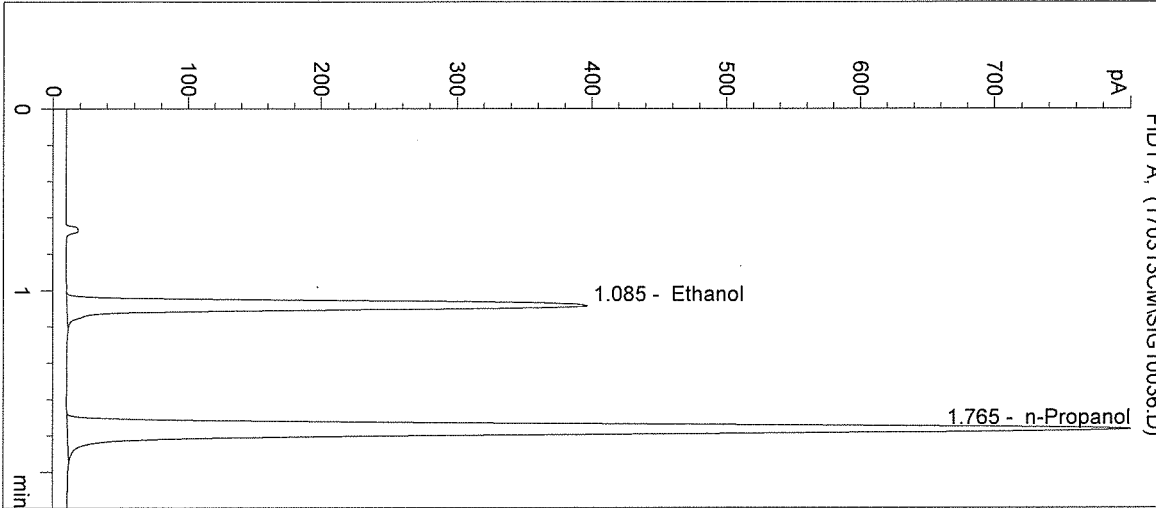
Operator: Christie Mitchell-Mata

Column: DB-ALC1

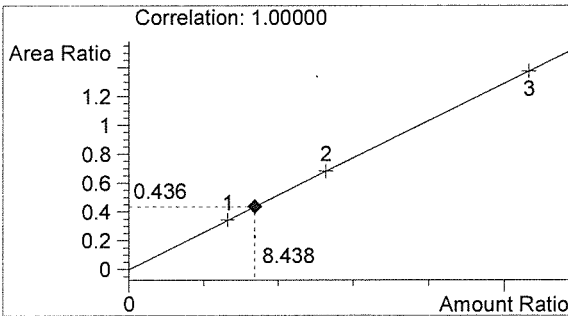
Location: Vial 36

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

Sample Info: 17029

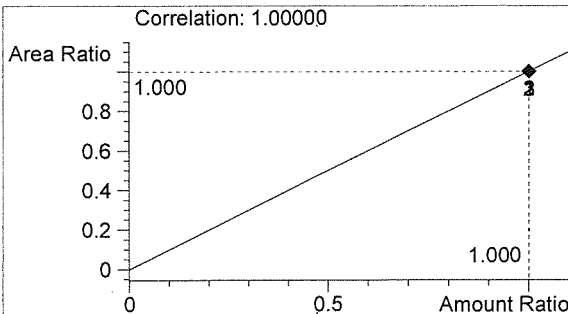


#	Compound	Peak Area	RT (min)
1	Ethanol	1297	1.085
2	n-Propanol	2973	1.765



Ethanol 0.101 g/100mL

ALW

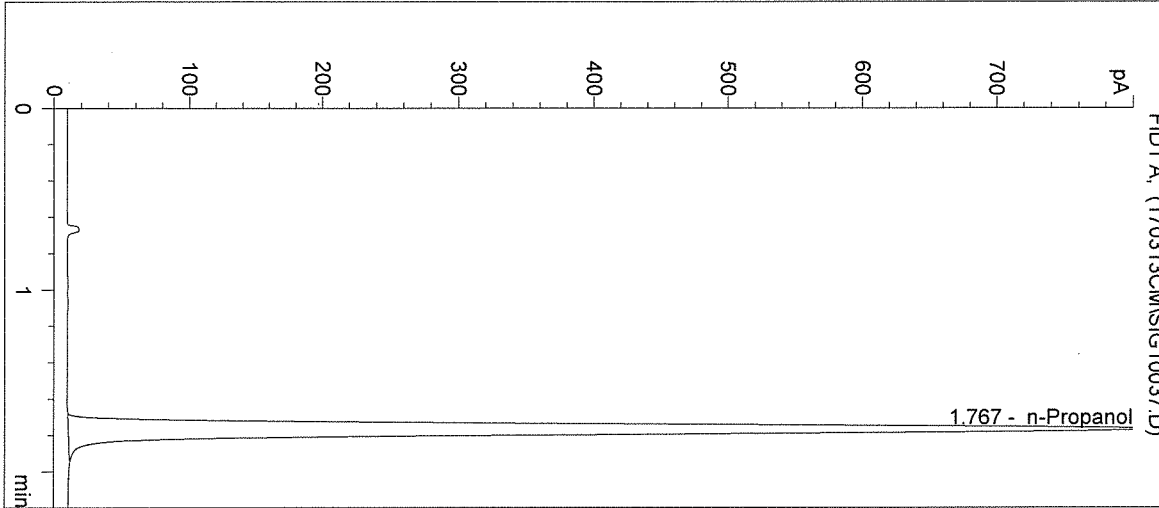


n-Propanol 0.012 g/100mL

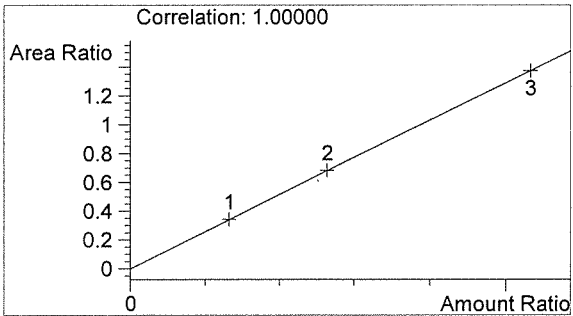
ALW

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

Inj. Date: 3/13/2017 1:18:58 PM Sample Name: Negative CTRL
Instrument: HSGC#1 Operator: Christie Mitchell-Mata
Column: DB-ALC1 Location: Vial 37
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17029

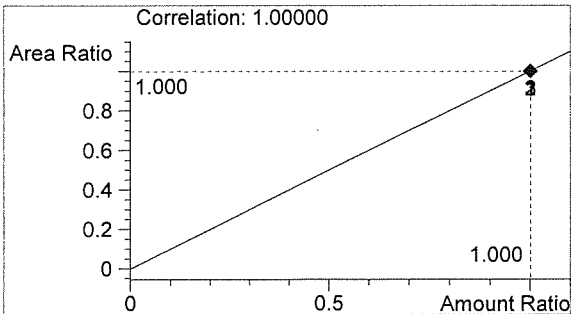


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	3051	1.767



Ethanol 0.000 g/100mL

AW



n-Propanol 0.012 g/100mL

AW