



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 17013

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: 01/26/2017
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Katie Harris

	KH	AG	JLK
1	0.188	0.188	0.189
2	0.188	0.184	0.190
3	0.190	0.184	0.190
4	0.185	0.189	0.190
5	0.185	0.185	0.190
C	0.100	0.101	0.102

ETHANOL CONTROL INFORMATION


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

RESULTS OF TESTING

AVERAGE SOLUTION CONCENTRATION: 0.1877 g/100mL PRECISION CV (%): 1.27
STANDARD DEVIATION: 0.00238 NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.1526 g/210L**
EXPANDED UNCERTAINTY: ± 0.0038 (k=2, 95.45% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

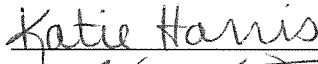
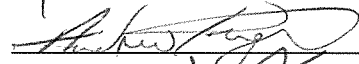
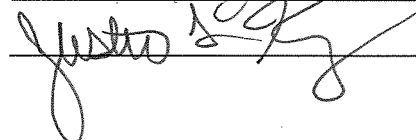


Brianne E. O'Reilly Technical Lead

3-2-2017

DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

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

SIMULATOR SOLUTION DATA ENTRY REVIEW

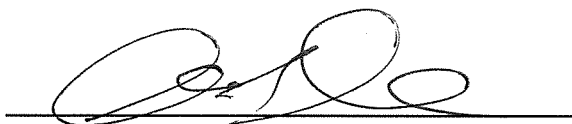
Reviewer/s: Amanda M. Black Date: 3-13-17

Location: WSP-FLSB Seattle, WA Solution Batch Number: 17013

	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 #: 17013

Date Prepared: 1/26/2017

Analyst:	KH	AG	JLK
Date Tested:	1/26/2017	1/26/2017	1/27/2017
Instrument:	HSGC #1	HSGC #1	HSGC #1
1	0.188	0.188	0.189
2	0.188	0.184	0.190
3	0.190	0.184	0.190
4	0.185	0.189	0.190
5	0.185	0.185	0.190
C	0.100	0.101	0.102

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000107266	0.0000326765	0.0001016326

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

Average Solution Concentration: 0.1877 g/100mL
 Standard Deviation: 0.00238 g/100mL
 Precision CV (%): 1.27
 Equivalent Vapor Concentration: 0.1526 g/210L
 Combined Standard Uncertainty (\pm): 0.0019 g/210L
 Expanded Uncertainty (\pm): 0.0038 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
 Name Signature Date

Method: Hand calculation

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 Knoy	<i>JK</i>	3.1.17
Katie Harris	<i>KH</i>	2/28/17
Lyndsey Knoy		
Naziha Nuwayhid		
Rebecca Flaherty		

1 7 0 1 3

Batch # _____

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

**0.15 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 17013**

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 17013, 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

**0.15 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 17013**

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 17013, 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

**0.15 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 17013**

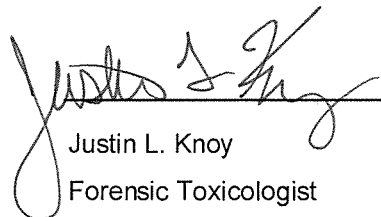
I, Justin L. Knoy, do certify under penalty of perjury that:

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 17013, 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



WSP-TLD COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET

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

17013
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

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		

17013
 Fall 2-28-17

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!

17013
 Run 2-28-17

KH

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

Inj. Date: 1/26/2017 12:35:35 PM

Sample Name: 17013-1

Instrument: HSGC#1

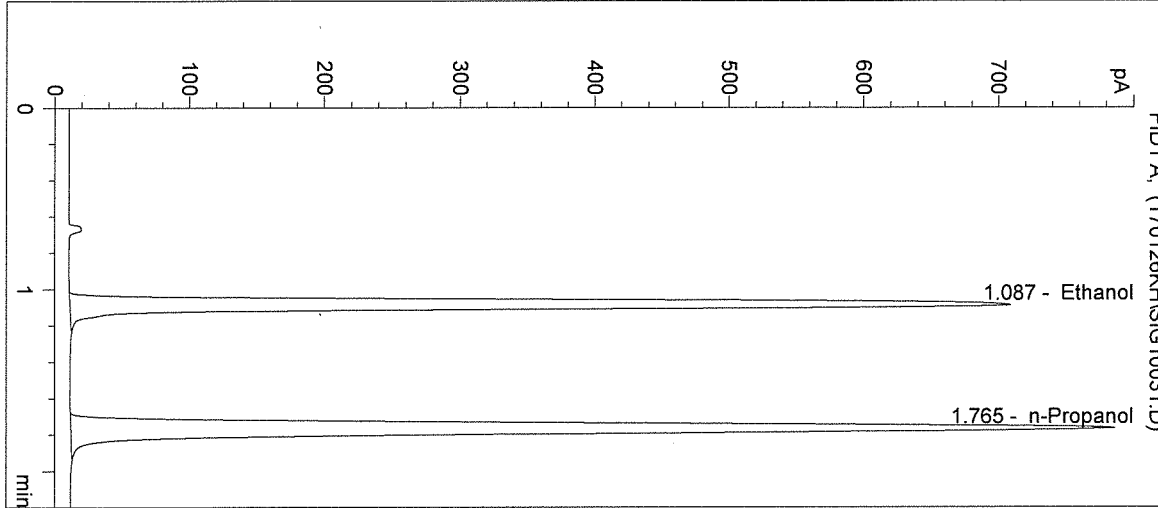
Operator: Katie Harris

Column: DB-ALC1

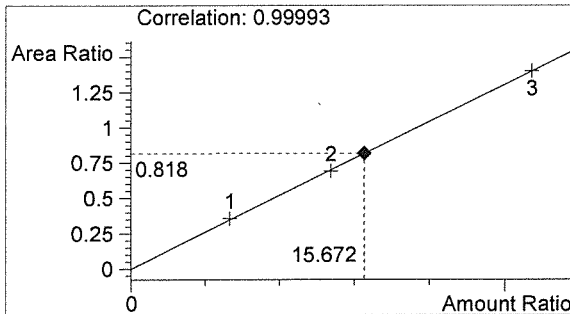
Location: Vial 31

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

Sample Info:

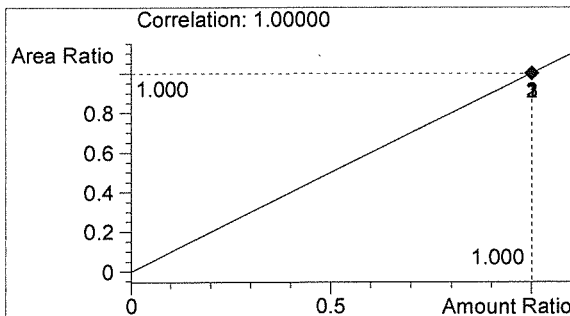


#	Compound	Peak Area	RT (min)
1	Ethanol	2411	1.087
2	n-Propanol	2947	1.765



Ethanol 0.188 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 12:38:48 PM

Sample Name: 17013-2

Instrument: HSGC#1

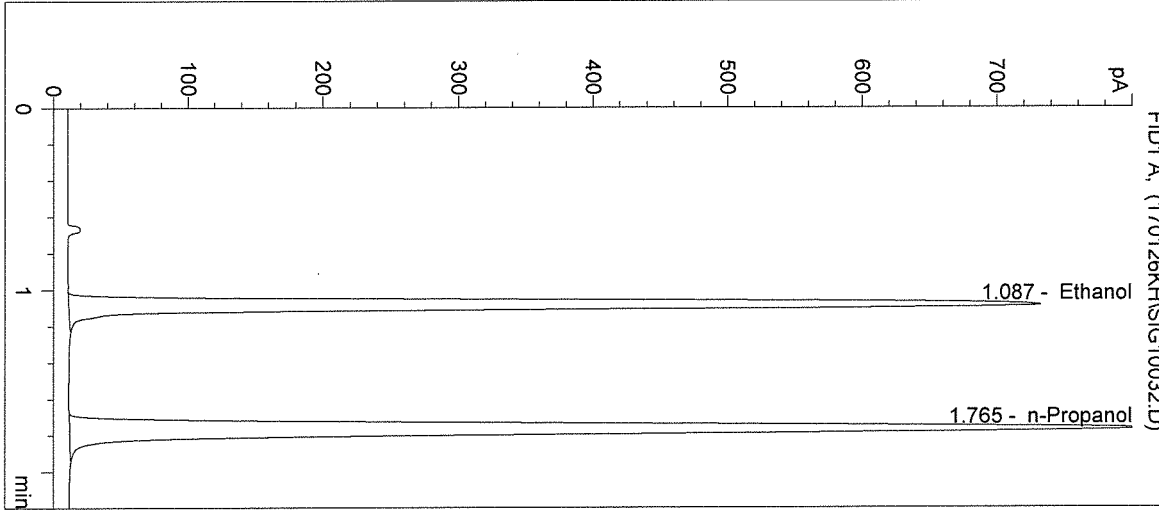
Operator: Katie Harris

Column: DB-ALC1

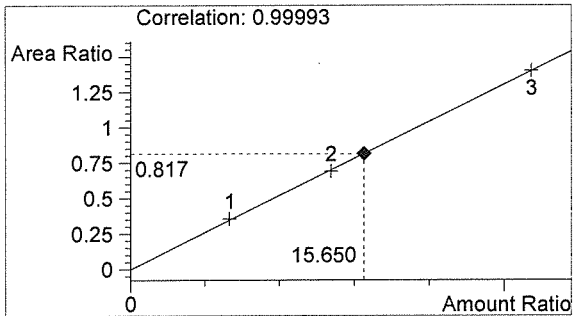
Location: Vial 32

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

Sample Info:

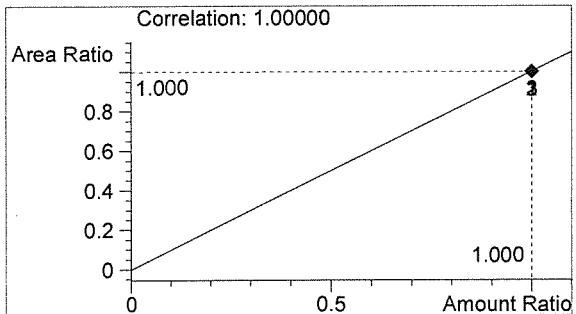


#	Compound	Peak Area	RT (min)
1	Ethanol	2479	1.087
2	n-Propanol	3035	1.765



Ethanol 0.188 g/100mL

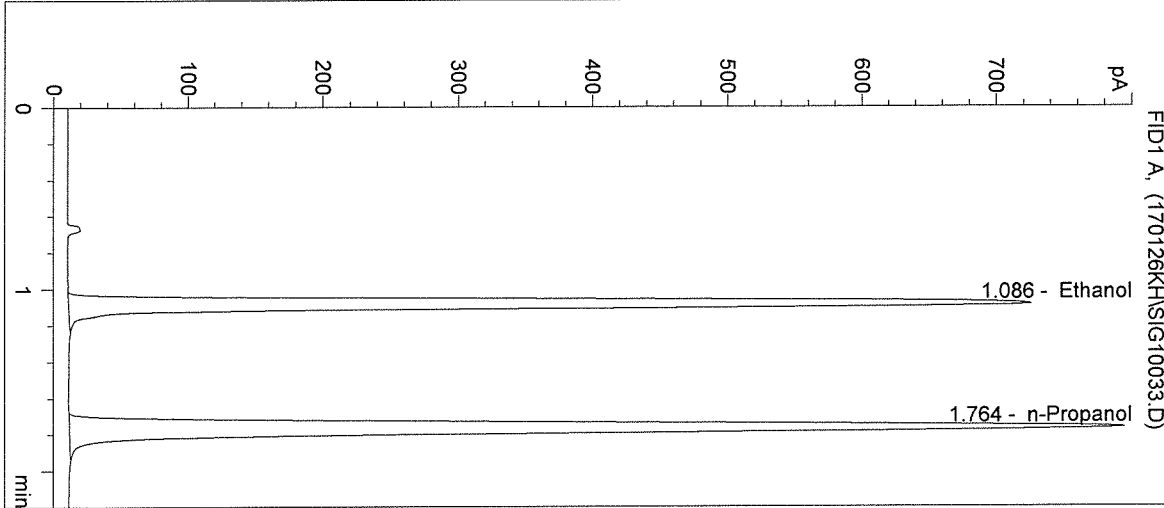
AW



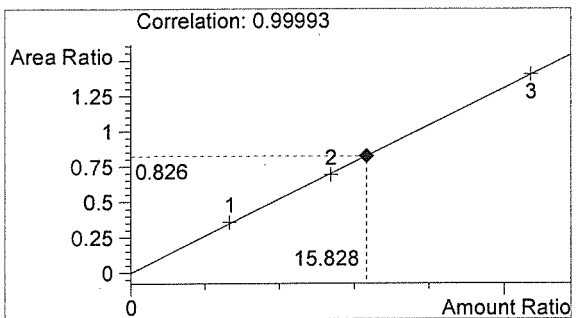
n-Propanol 0.012 g/100mL

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

Inj. Date: 1/26/2017 12:42:01 PM Sample Name: 17013-3
 Instrument: HSGC#1 Operator: Katie Harris
 Column: DB-ALC1 Location: Vial 33
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info:

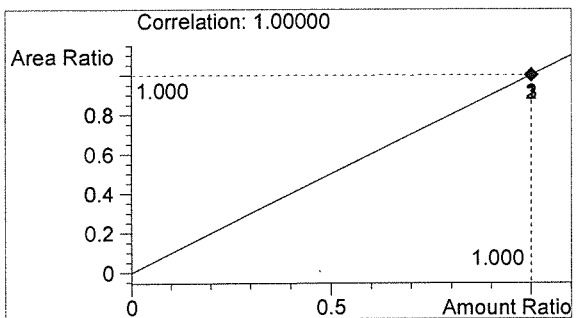


#	Compound	Peak Area	RT (min)
1	Ethanol	2457	1.086
2	n-Propanol	2974	1.764



Ethanol 0.190 g/100mL

RW



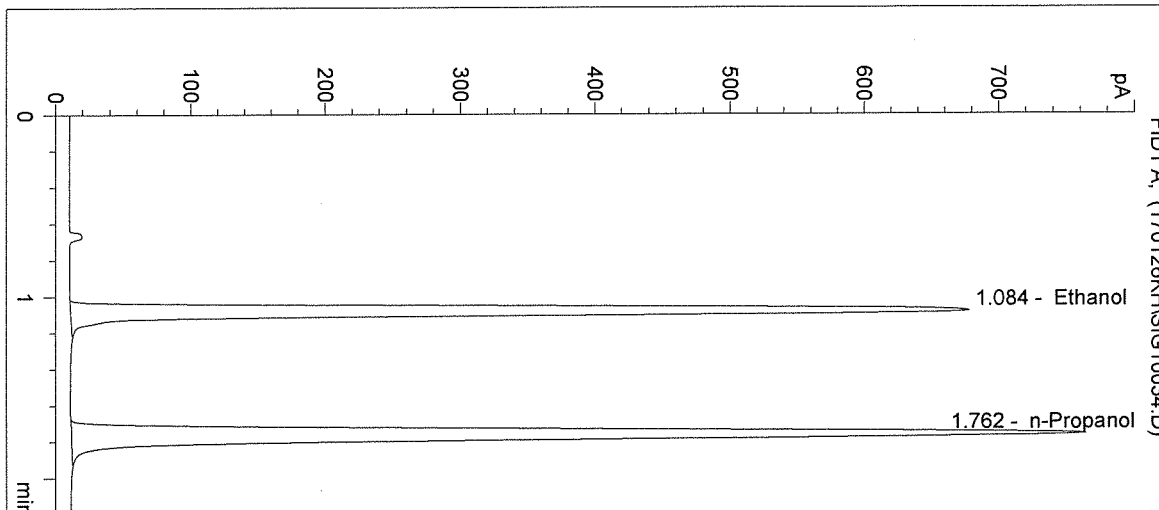
n-Propanol 0.012 g/100mL

KH

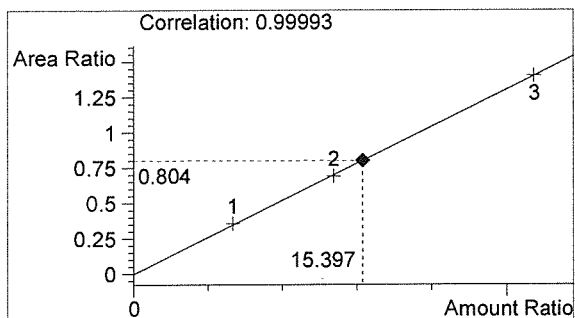
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/26/2017 12:45:15 PM Sample Name: 17013-4
 Instrument: HSGC#1 Operator: Katie Harris
 Column: DB-ALC1 Location: Vial 34
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Info:

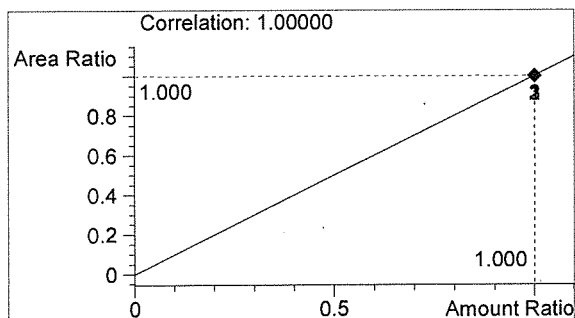


#	Compound	Peak Area	RT (min)
1	Ethanol	2288	1.084
2	n-Propanol	2847	1.762



Ethanol 0.185 g/100mL

RLW



n-Propanol 0.012 g/100mL

KH

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

Inj. Date: 1/26/2017 12:48:28 PM

Sample Name: 17013-5

Instrument: HSGC#1

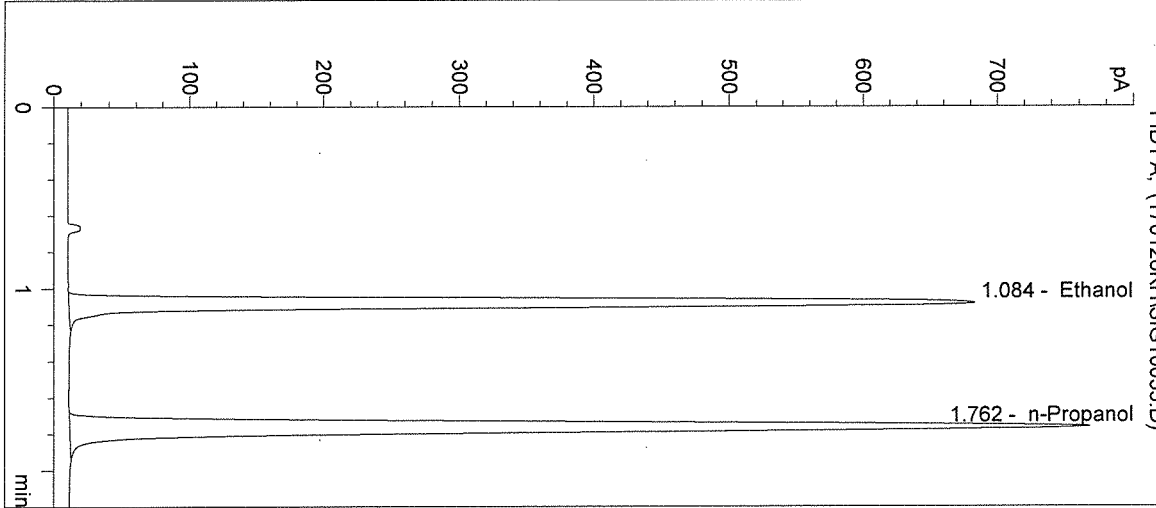
Operator: Katie Harris

Column: DB-ALC1

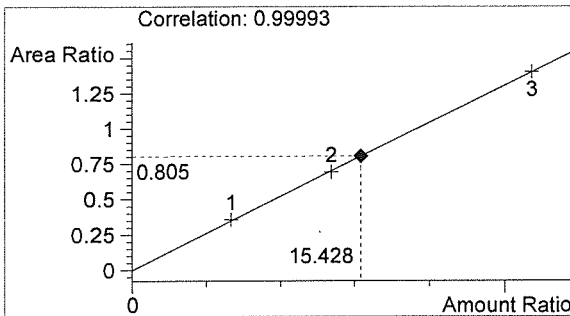
Location: Vial 35

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

Sample Info:

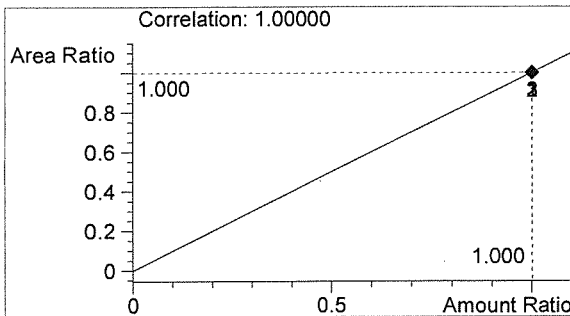


#	Compound	Peak Area	RT (min)
1	Ethanol	2308	1.084
2	n-Propanol	2867	1.762



Ethanol 0.185 g/100mL

AW



n-Propanol 0.012 g/100mL

KH

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

Inj. Date: 1/26/2017 12:51:41 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

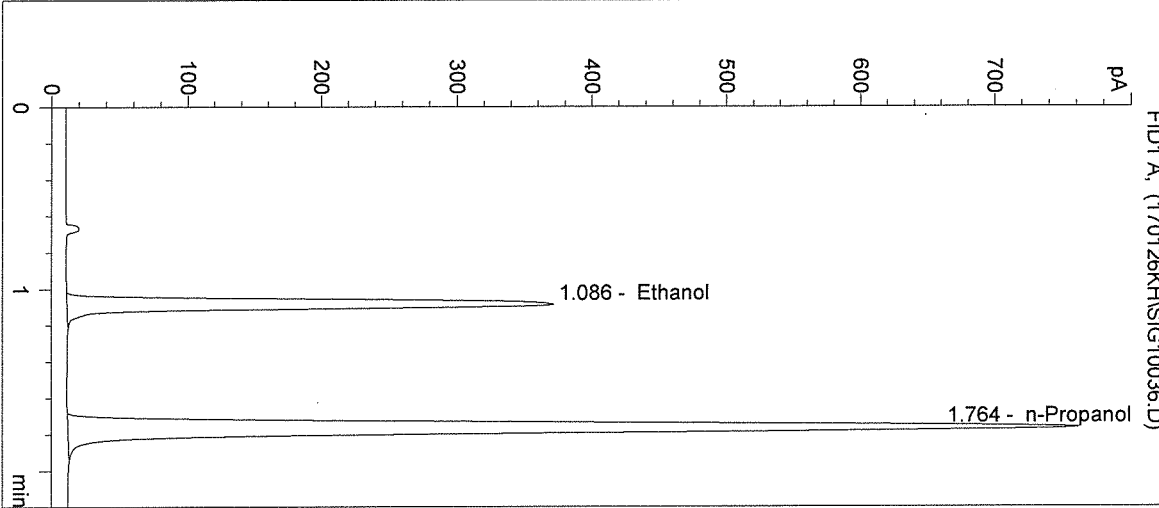
Operator: Katie Harris

Column: DB-ALC1

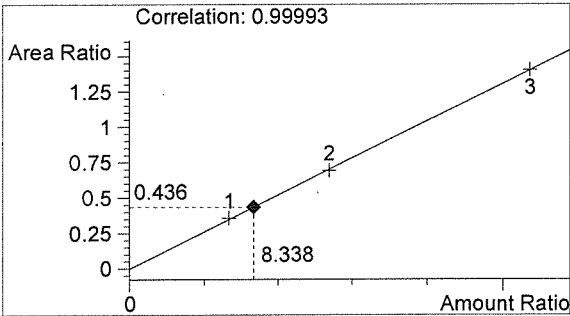
Location: Vial 36

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

Sample Info: 17013

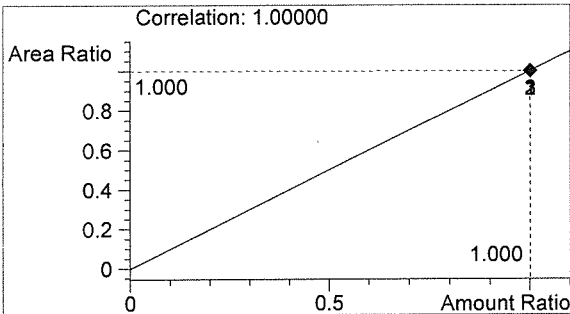


#	Compound	Peak Area	RT (min)
1	Ethanol	1239	1.086
2	n-Propanol	2845	1.764



Ethanol 0.100 g/100mL

AW



n-Propanol 0.012 g/100mL

KH

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

Inj. Date: 1/26/2017 12:54:55 PM

Sample Name: NEG CTRL

Instrument: HSGC#1

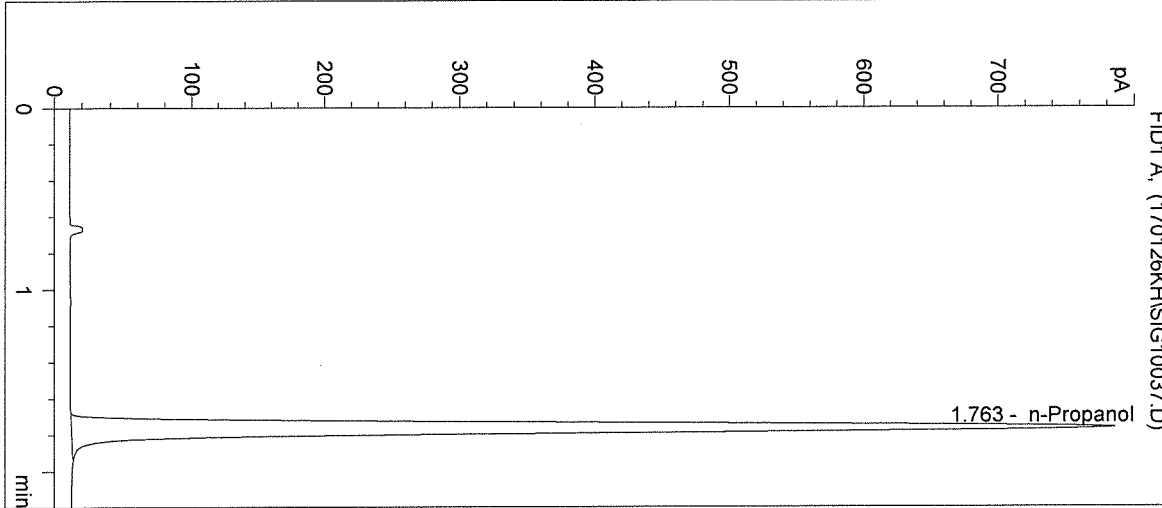
Operator: Katie Harris

Column: DB-ALC1

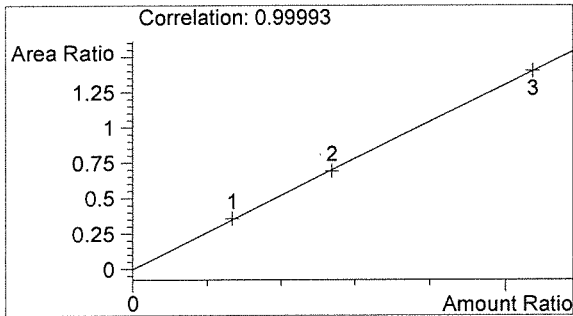
Location: Vial 37

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

Sample Info: 17013

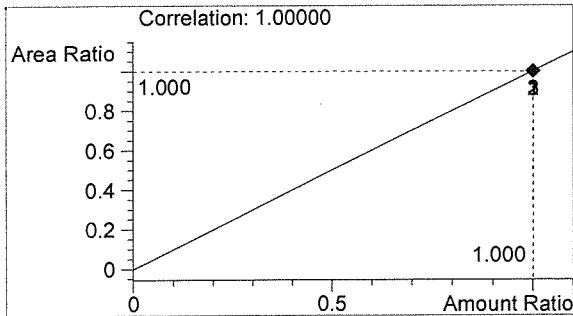


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2932	1.763



Ethanol 0.000 g/100mL

PLW



n-Propanol 0.012 g/100mL

KH

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: 170126AG
 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-Propranol ISTD - LOT# P1116 - Exp 02/23/2017

Standard data located in Batch File 17010
 Diluter #2

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		

~~17013~~
 BUO 2-28-17

17013
 BUO 2-28-17

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
26	Vial 26	17012-3	SIMALC1	1	Sample		
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!

17013
 BUO 2.28.17

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

Inj. Date: 1/26/2017 3:26:27 PM

Sample Name: 17013-1

Instrument: HSGC#1

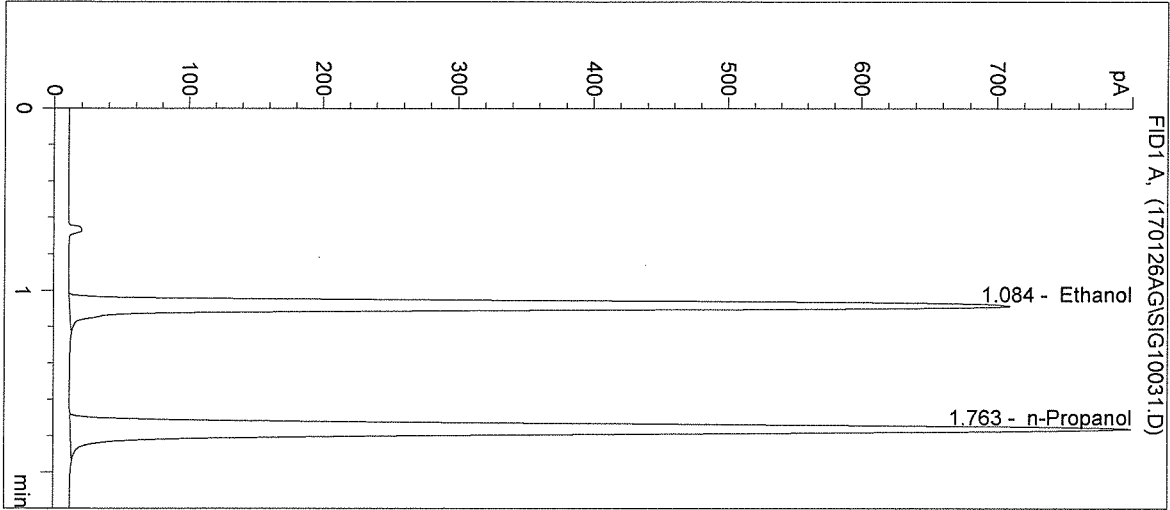
Operator: Andrew Gingras

Column: DB-ALC1

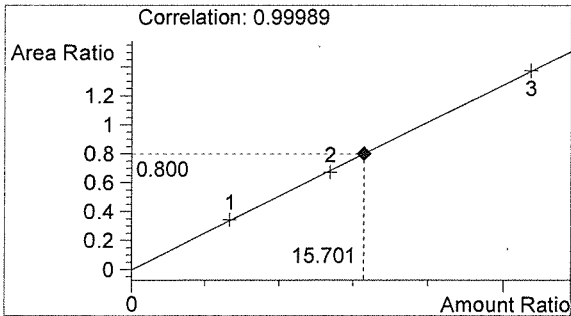
Location: Vial 31

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

Sample Info:

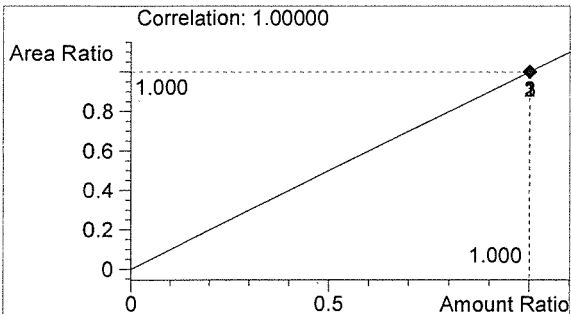


#	Compound	Peak Area	RT (min)
1	Ethanol	2380	1.084
2	n-Propanol	2975	1.763



Ethanol 0.188 g/100mL

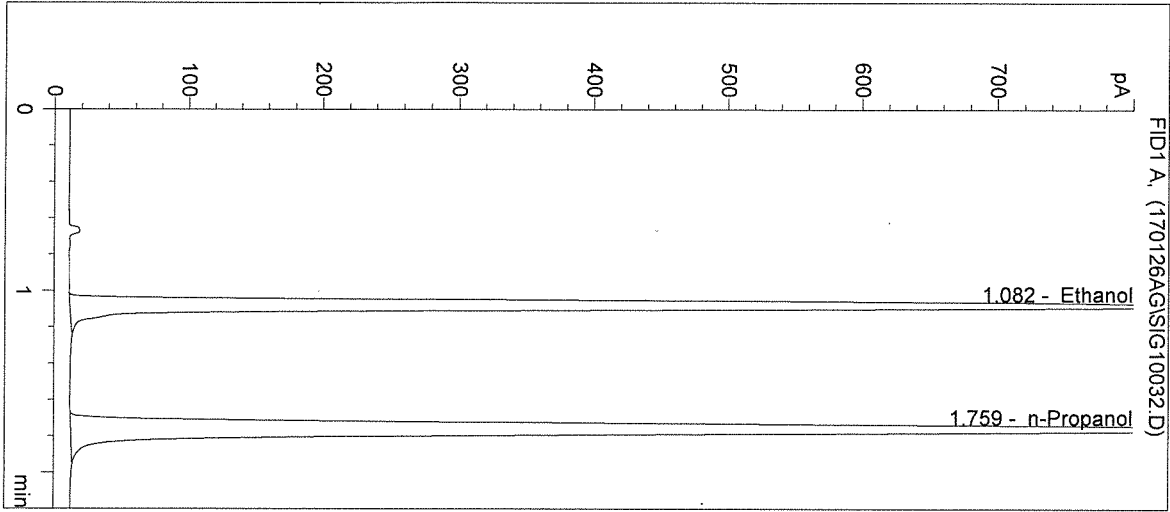
AWD



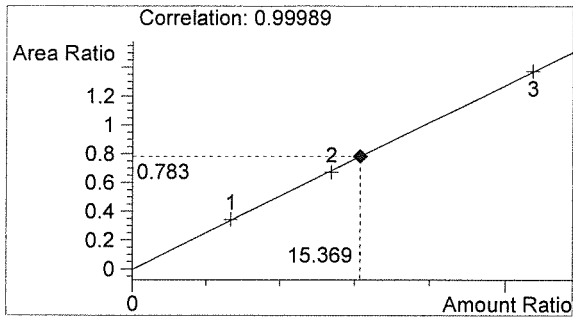
n-Propanol 0.012 g/100mL

[Handwritten signature]

Inj. Date: 1/26/2017 3:29:40 PM Sample Name: 17013-2
 Instrument: HSGC#1 Operator: Andrew Gingras
 Column: DB-ALC1 Location: Vial 32
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info:

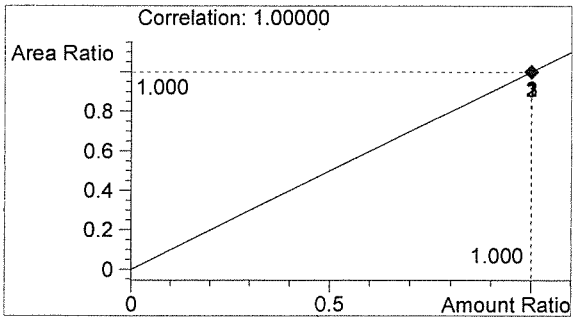


#	Compound	Peak Area	RT (min)
1	Ethanol	2753	1.082
2	n-Propanol	3515	1.759



Ethanol 0.184 g/100mL

AWD



n-Propanol 0.012 g/100mL

AG

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

Inj. Date: 1/26/2017 3:32:53 PM

Sample Name: 17013-3

Instrument: HSGC#1

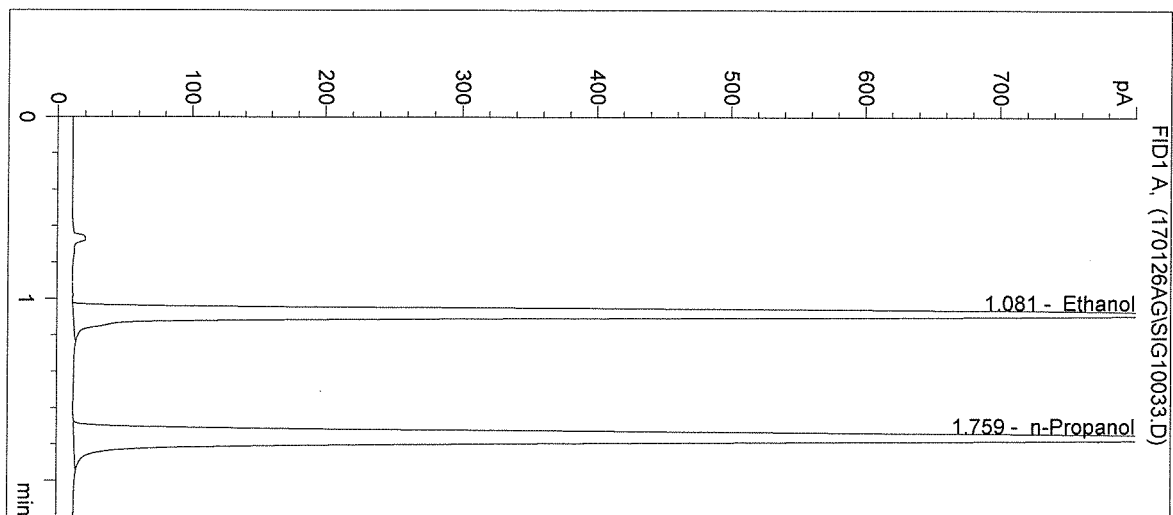
Operator: Andrew Gingras

Column: DB-ALC1

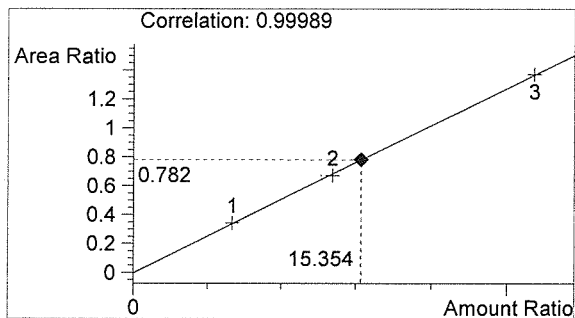
Location: Vial 33

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

Sample Info:

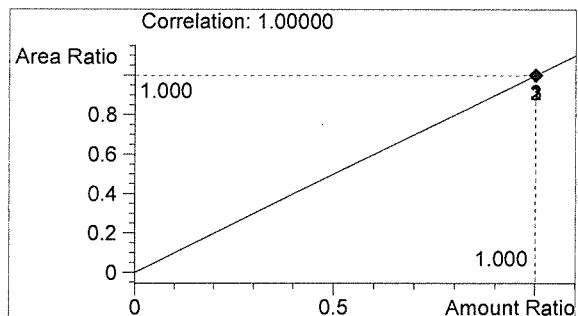


#	Compound	Peak Area	RT (min)
1	Ethanol	2817	1.081
2	n-Propanol	3601	1.759



Ethanol 0.184 g/100mL

AW

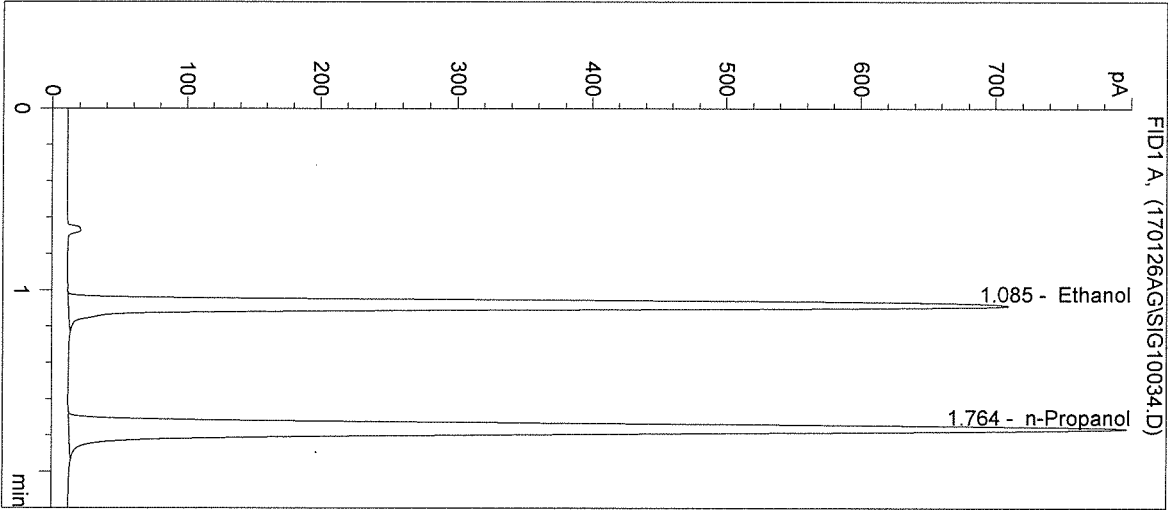


n-Propanol 0.012 g/100mL

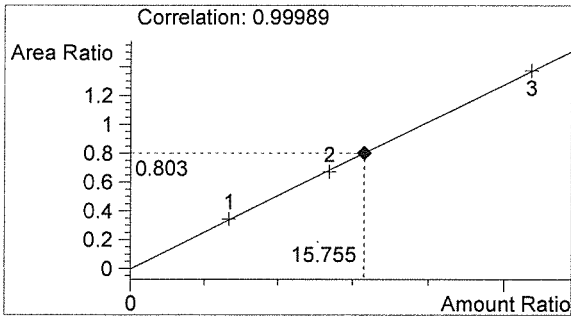
AG

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

Inj. Date: 1/26/2017 3:36:06 PM Sample Name: 17013-4
Instrument: HSGC#1 Operator: Andrew Gingras
Column: DB-ALC1 Location: Vial 34
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

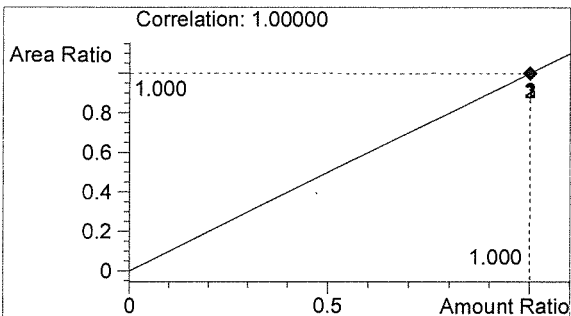


#	Compound	Peak Area	RT (min)
1	Ethanol	2382	1.085
2	n-Propanol	2967	1.764



Ethanol 0.189 g/100mL

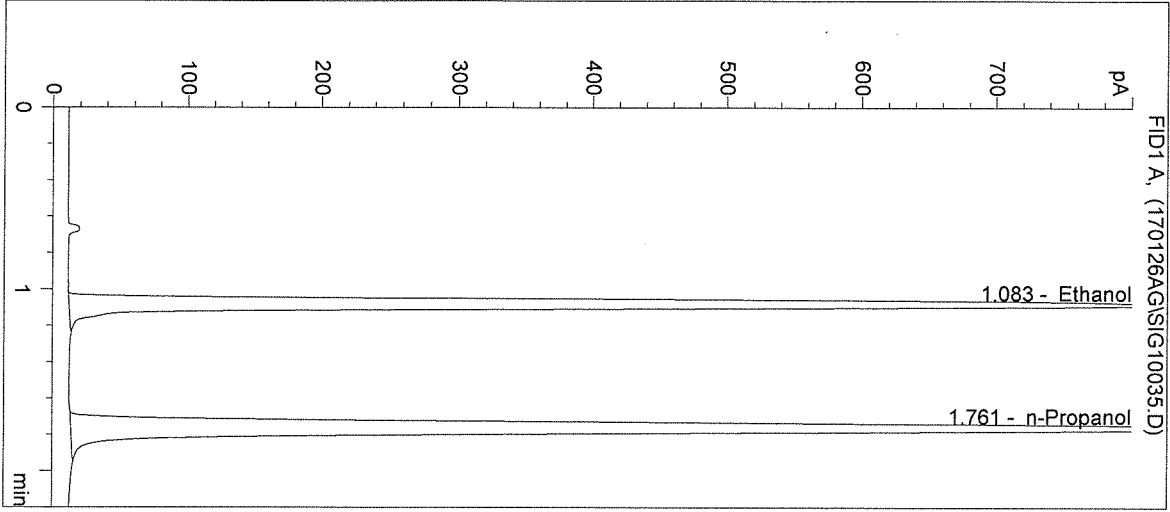
AWD



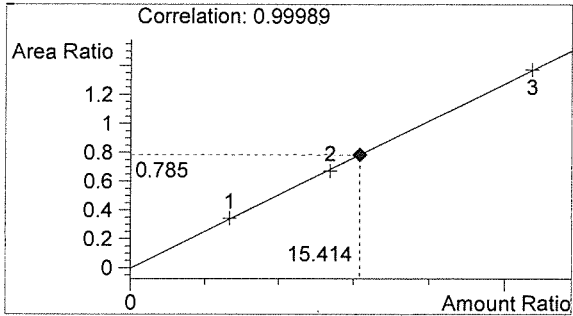
n-Propanol 0.012 g/100mL

AG

Inj. Date: 1/26/2017 3:39:20 PM Sample Name: 17013-5
 Instrument: HSGC#1 Operator: Andrew Gingras
 Column: DB-ALC1 Location: Vial 35
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info:

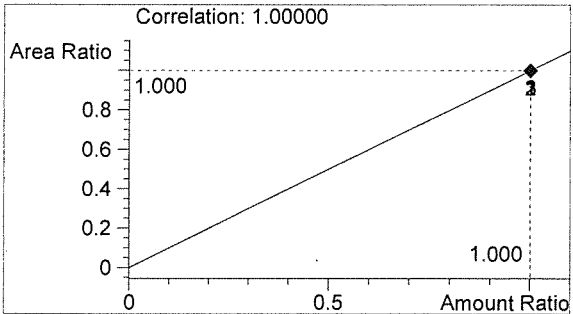


#	Compound	Peak Area	RT (min)
1	Ethanol	2701	1.083
2	n-Propanol	3439	1.761



Ethanol 0.185 g/100mL

AW



n-Propanol 0.012 g/100mL

AG

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

Inj. Date: 1/26/2017 3:42:33 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

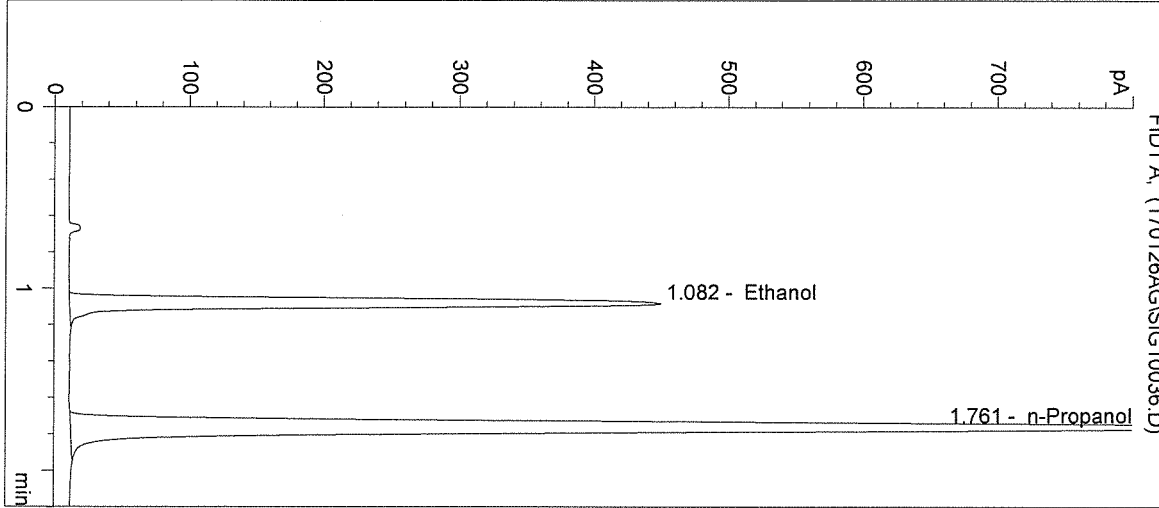
Operator: Andrew Gingras

Column: DB-ALC1

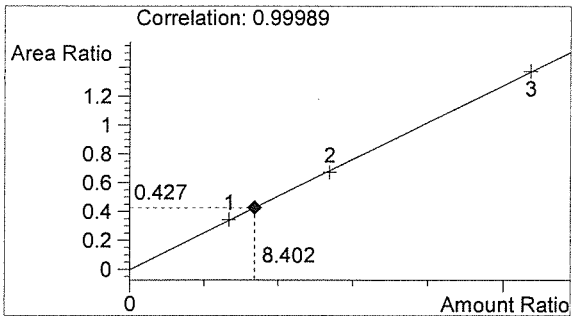
Location: Vial 36

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

Sample Info: 17013

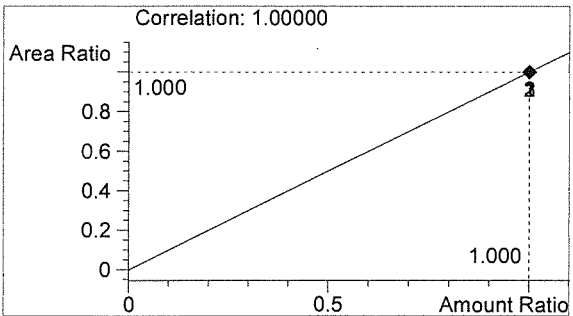


#	Compound	Peak Area	RT (min)
1	Ethanol	1473	1.082
2	n-Propanol	3449	1.761



Ethanol 0.101 g/100mL

AWD



n-Propanol 0.012 g/100mL

AS

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

Inj. Date: 1/26/2017 3:45:46 PM

Sample Name: NEG CTRL

Instrument: HSGC#1

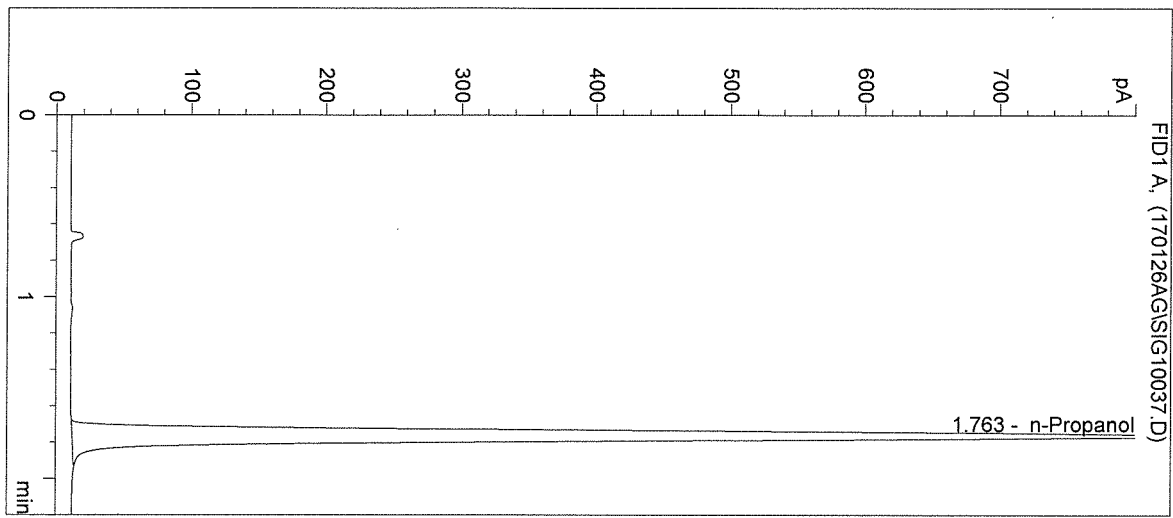
Operator: Andrew Gingras

Column: DB-ALC1

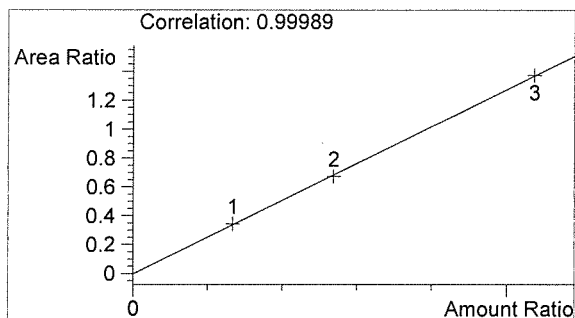
Location: Vial 37

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

Sample Info: 17013

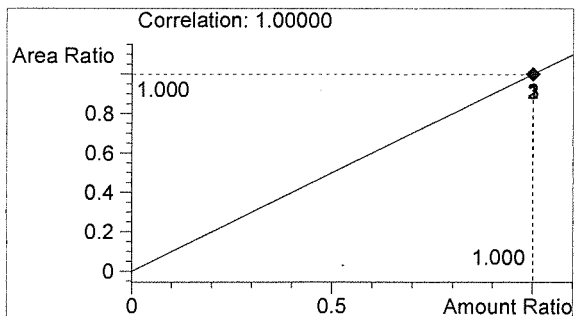


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	3114	1.763



Ethanol 0.000 g/100mL

AW



n-Propanol 0.012 g/100mL

JB

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		

17013
 PML 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!

17013
BUW 2-28-17

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

Inj. Date: 1/27/2017 9:58:49 AM

Sample Name: 17013-1

Instrument: HSGC#1

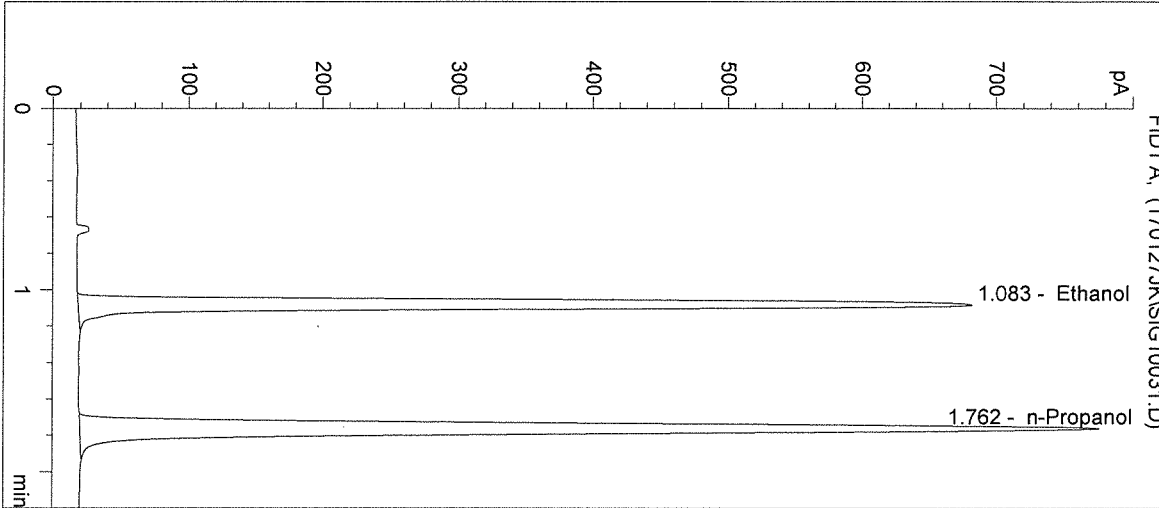
Operator: Justin Knoy

Column: DB-ALC1

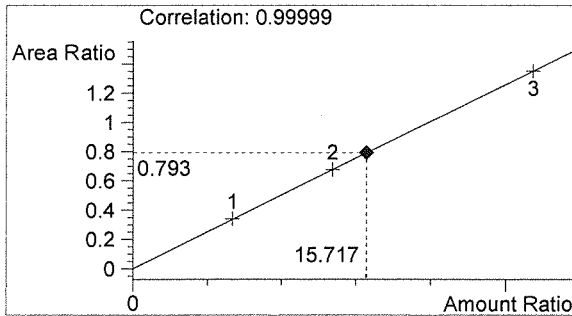
Location: Vial 31

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

Sample Info:

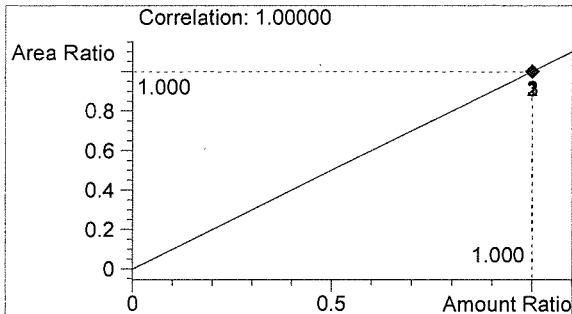


#	Compound	Peak Area	RT (min)
1	Ethanol	2271	1.083
2	n-Propanol	2864	1.762



Ethanol 0.189 g/100mL

Handwritten signature



n-Propanol 0.012 g/100mL

Handwritten signature

Inj. Date: 1/27/2017 10:02:03 AM

Sample Name: 17013-2

Instrument: HSGC#1

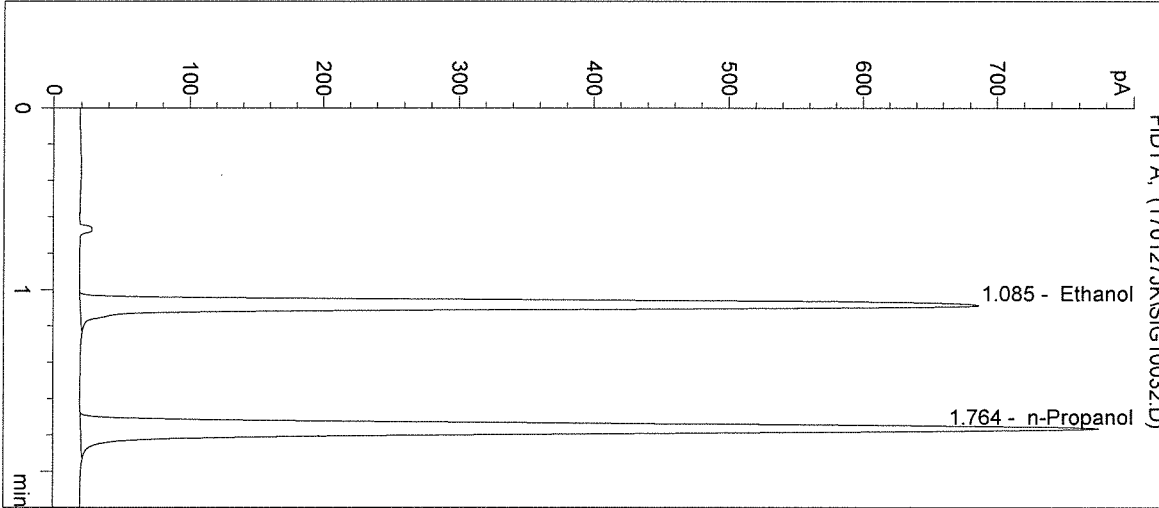
Operator: Justin Knoy

Column: DB-ALC1

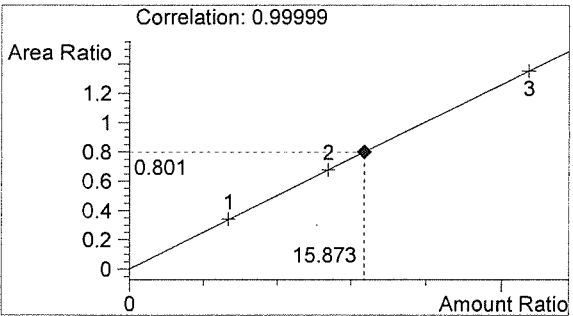
Location: Vial 32

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

Sample Info:

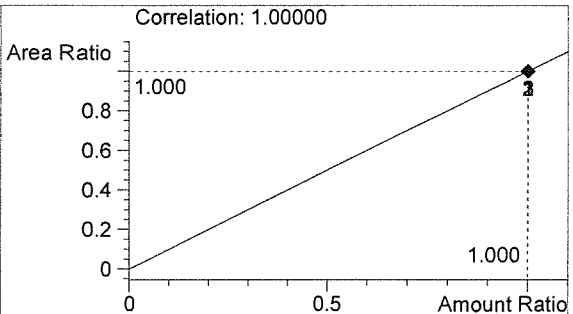


#	Compound	Peak Area	RT (min)
1	Ethanol	2288	1.085
2	n-Propanol	2857	1.764



Ethanol 0.190 g/100mL

AWD



n-Propanol 0.012 g/100mL

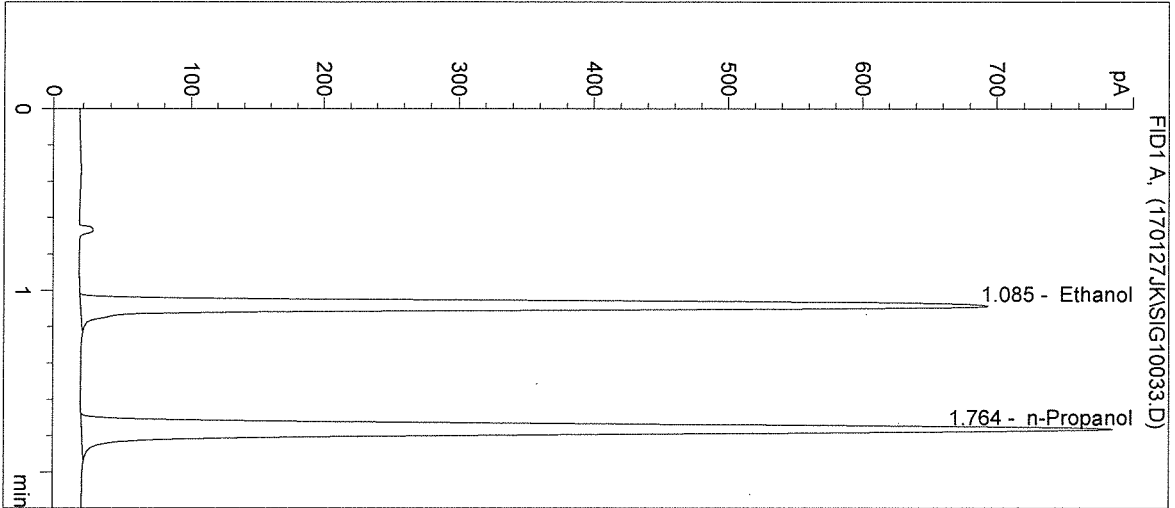
JK

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

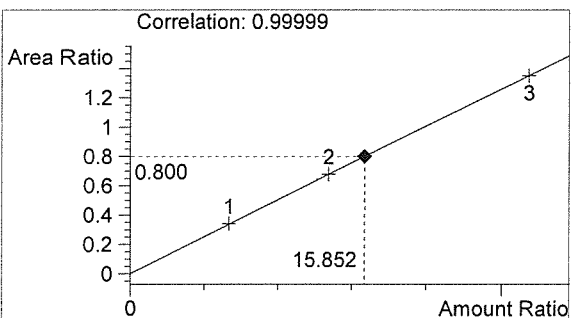
Inj. Date: 1/27/2017 10:05:15 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: 17013-3
Operator: Justin Knoy
Location: Vial 33

Sample Info:

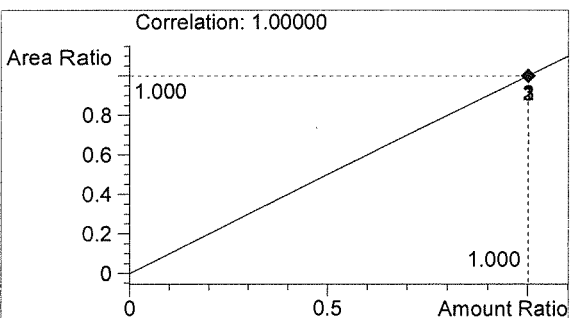


#	Compound	Peak Area	RT (min)
1	Ethanol	2313	1.085
2	n-Propanol	2893	1.764



Ethanol 0.190 g/100mL

AW



n-Propanol 0.012 g/100mL

JK

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

Inj. Date: 1/27/2017 10:08:29 AM

Sample Name: 17013-4

Instrument: HSGC#1

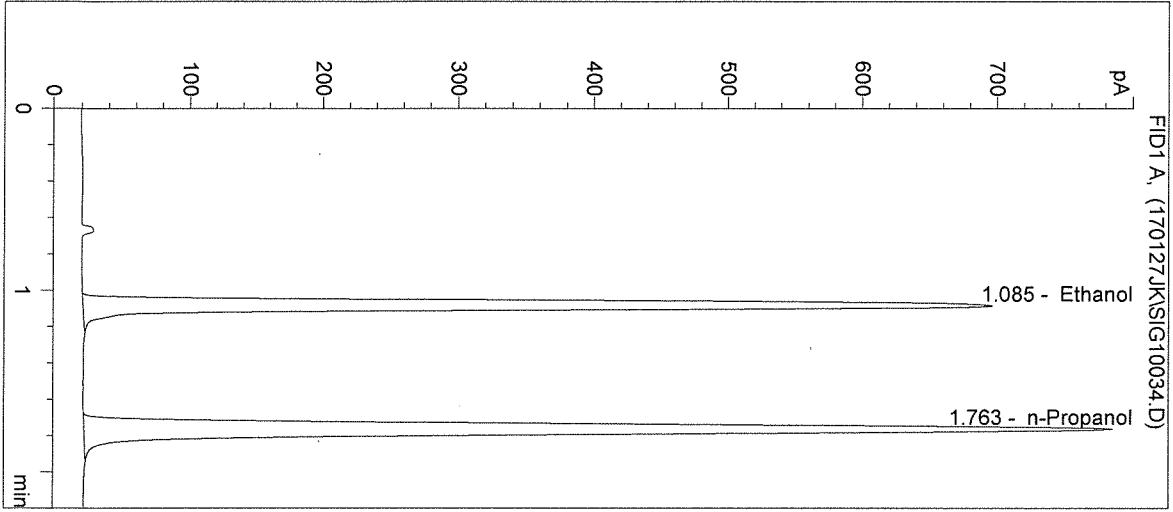
Operator: Justin Knoy

Column: DB-ALC1

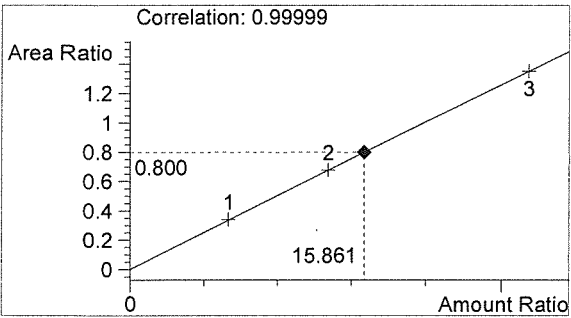
Location: Vial 34

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

Sample Info:

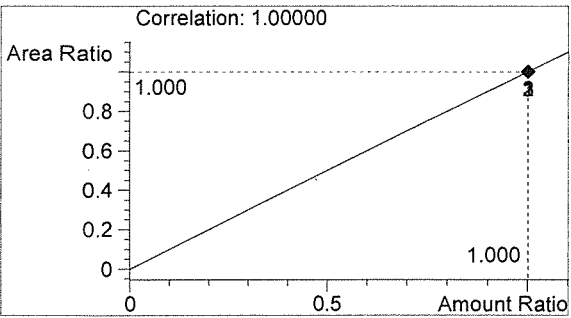


#	Compound	Peak Area	RT (min)
1	Ethanol	2316	1.085
2	n-Propanol	2895	1.763



Ethanol 0.190 g/100mL

PKW



n-Propanol 0.012 g/100mL

JK

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

Inj. Date: 1/27/2017 10:11:42 AM

Sample Name: 17013-5

Instrument: HSGC#1

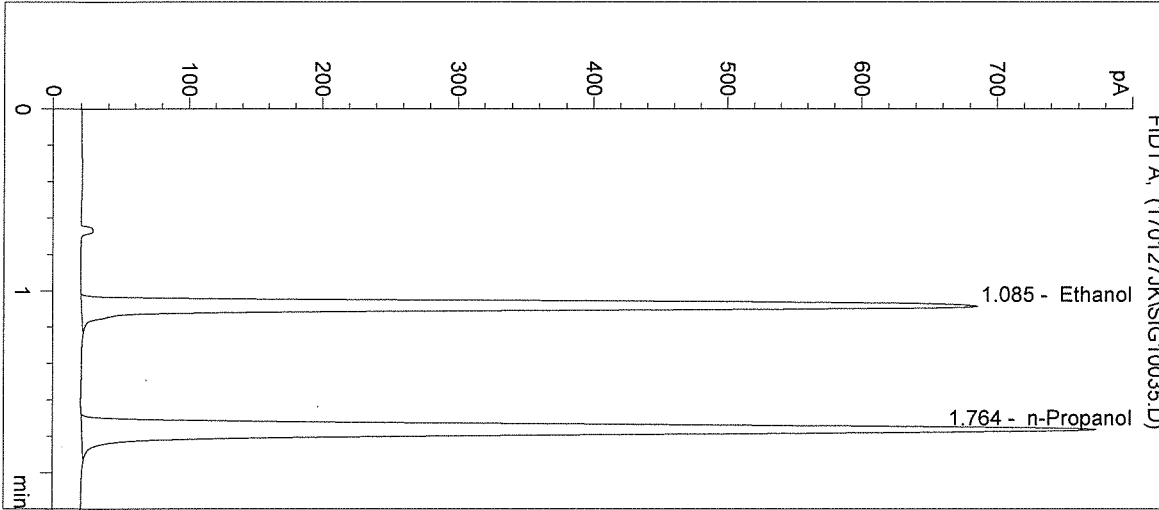
Operator: Justin Knoy

Column: DB-ALC1

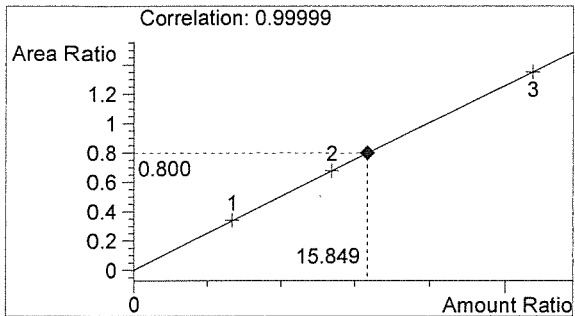
Location: Vial 35

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

Sample Info:

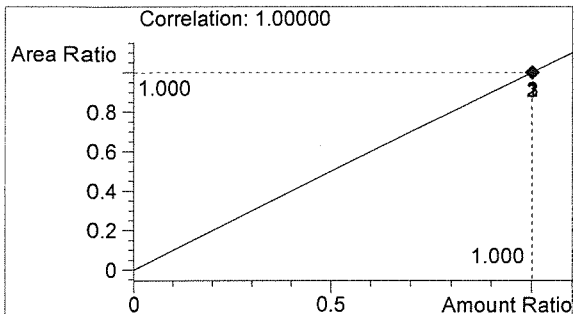


#	Compound	Peak Area	RT (min)
1	Ethanol	2283	1.085
2	n-Propanol	2856	1.764



Ethanol 0.190 g/100mL

AW



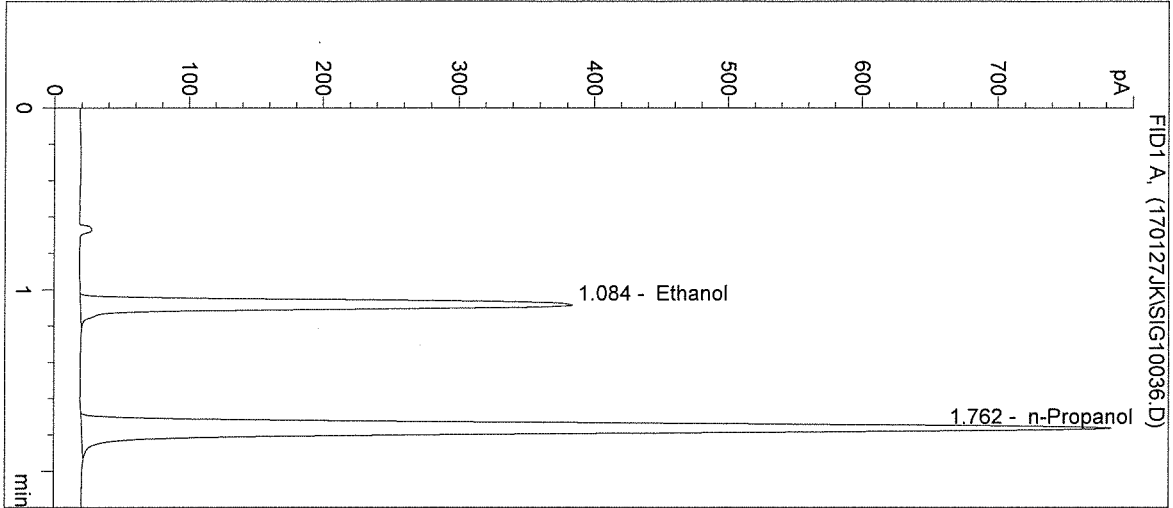
n-Propanol 0.012 g/100mL

JK

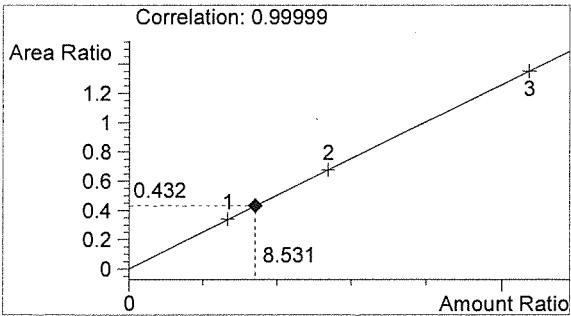
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 1/27/2017 10:15:01 AM
 Instrument: HSGC#1
 Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info: 17013

Sample Name: 0.10 CTRL
 Operator: Justin Knoy
 Location: Vial 36

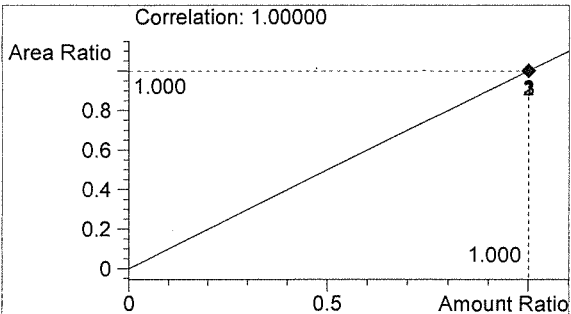


#	Compound	Peak Area	RT (min)
1	Ethanol	1247	1.084
2	n-Propanol	2889	1.762



Ethanol 0.102 g/100mL

AWO



n-Propanol 0.012 g/100mL

J

Inj. Date: 1/27/2017 10:18:14 AM

Sample Name: NEG CTRL

Instrument: HSGC#1

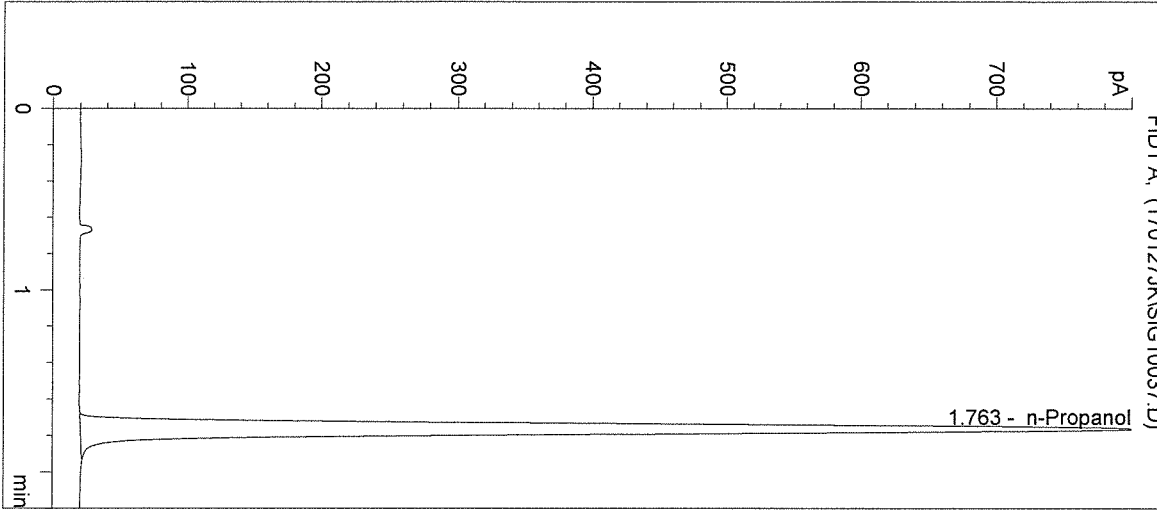
Operator: Justin Knoy

Column: DB-ALC1

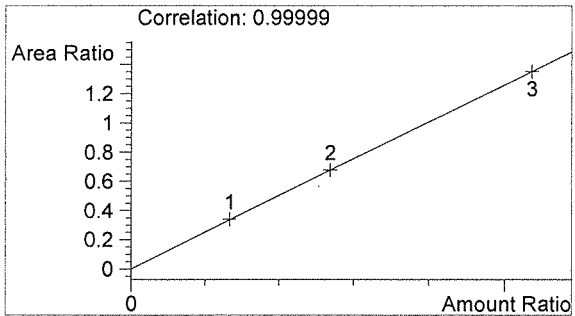
Location: Vial 37

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

Sample Info: 17013

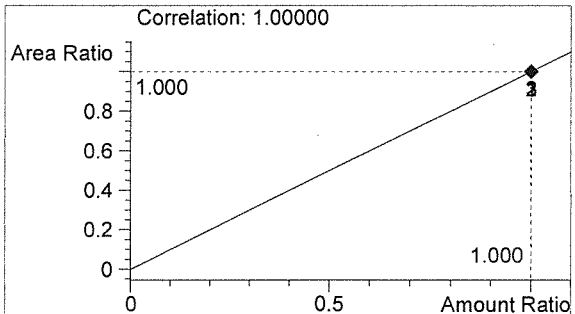


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2982	1.763



Ethanol 0.000 g/100mL

AW



n-Propanol 0.012 g/100mL

[Handwritten mark]