



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 17014

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

IDENTITY: QAP Solution
PREPARED BY: Katie Harris

	KH	AG	JLK
1	0.247	0.250	0.254
2	0.246	0.248	0.253
3	0.248	0.251	0.254
4	0.247	0.253	0.255
5	0.250	0.246	0.256
C	0.101	0.103	0.103

ETHANOL CONTROL INFORMATION

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

RESULTS OF TESTING

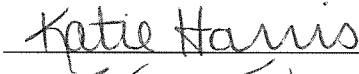

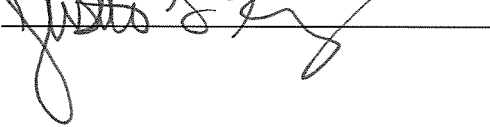
AVERAGE SOLUTION CONCENTRATION: 0.2505 g/100mL PRECISION CV (%): 1.37
STANDARD DEVIATION: 0.00344 NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.2037 g/210L**
EXPANDED UNCERTAINTY: ± 0.0052 (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-FCSB Seattle, WA Solution Batch Number: 17014

	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 #: 17014

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	0.247	0.250	0.254
2	0.246	0.248	0.253
3	0.248	0.251	0.254
4	0.247	0.253	0.255
5	0.250	0.246	0.256
C	0.101	0.103	0.103

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.000084100	0.0000125736	0.0000424408	0.0001016326

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

Average Solution Concentration: 0.2505 g/100mL
Standard Deviation: 0.00344 g/100mL
Precision CV (%): 1.37
Equivalent Vapor Concentration: 0.2037 g/210L
Combined Standard Uncertainty (\pm): 0.0026 g/210L
Expanded Uncertainty (\pm): 0.0052 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>	<i>3/2/17</i>
Asa Louis		
Brittany Thomas		
Christie Mitchell-Mata		
Christopher Johnston		
David Nguyen		
Dawn Sklerov		
Elizabeth Wehner		
Justin Knoy	<i>JK</i>	<i>3.1.17</i>
Katie Harris	<i>KH</i>	<i>2/28/17</i>
Lyndsey Knoy		
Naziha Nuwayhid		
Rebecca Flaherty		

17014

Batch #

BW0 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

**0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 17014**

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 17014, 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

**0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 17014**

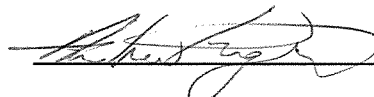
I, Andrew Gingras, do certify under penalty of perjury that:

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 17014, 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

**0.20 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 17014**

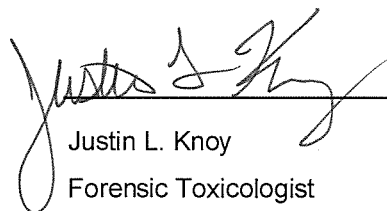
I, Justin L. Knoy, do certify under penalty of perjury that:

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 17014, 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

17014
AWO 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		

17014
 Run 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!

17014
 Buo 2-28-17

KH

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

Inj. Date: 1/26/2017 12:58:08 PM

Sample Name: 17014-1

Instrument: HSGC#1

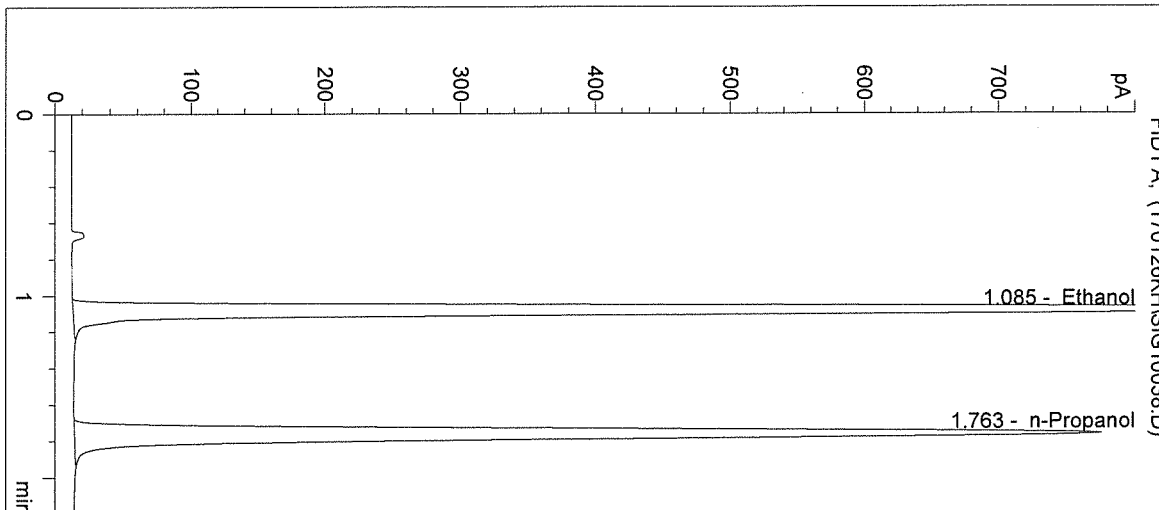
Operator: Katie Harris

Column: DB-ALC1

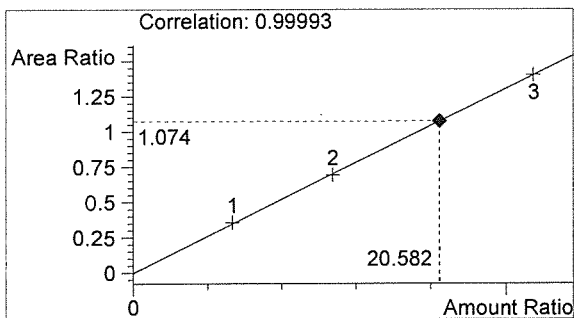
Location: Vial 38

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

Sample Info:

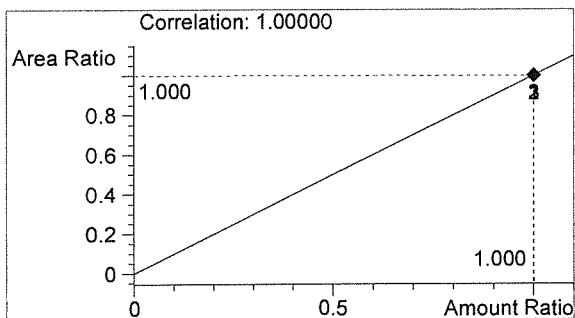


#	Compound	Peak Area	RT (min)
1	Ethanol	3102	1.085
2	n-Propanol	2888	1.763



Ethanol 0.247 g/100mL

ALW



n-Propanol 0.012 g/100mL

KH

Inj. Date: 1/26/2017 1:01:21 PM

Sample Name: 17014-2

Instrument: HSGC#1

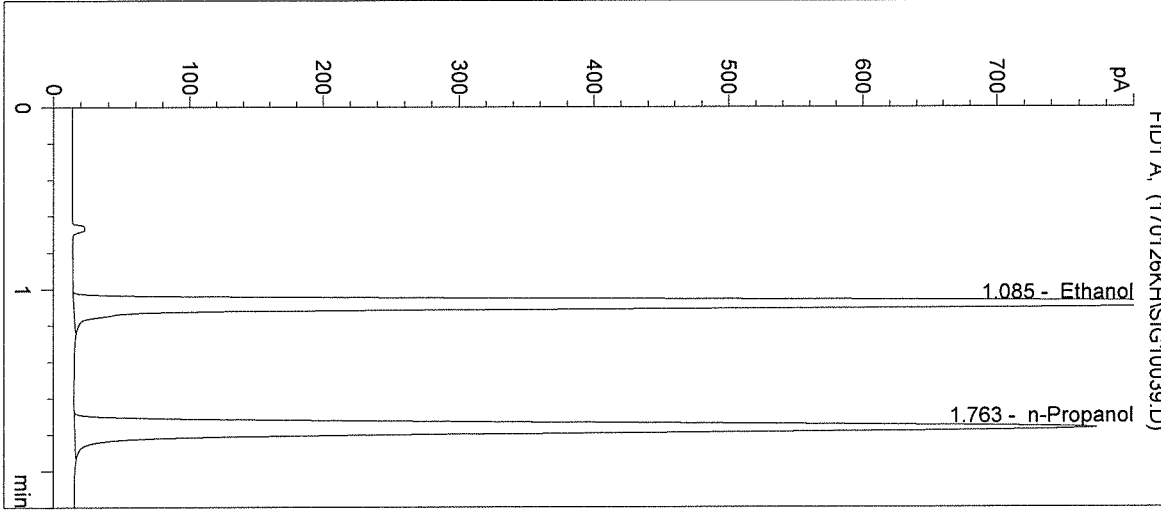
Operator: Katie Harris

Column: DB-ALC1

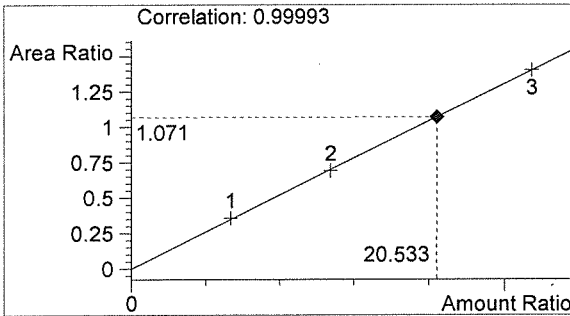
Location: Vial 39

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

Sample Info:

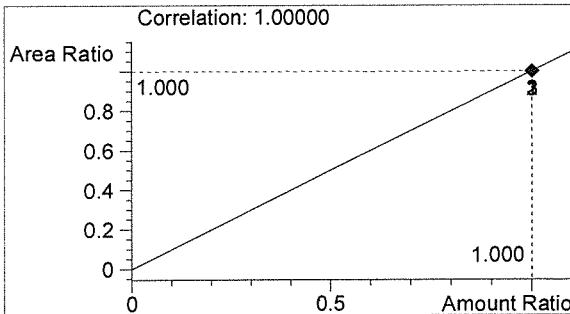


#	Compound	Peak Area	RT (min)
1	Ethanol	3075	1.085
2	n-Propanol	2870	1.763



Ethanol 0.246 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 1:04:34 PM

Sample Name: 17014-3

Instrument: HSGC#1

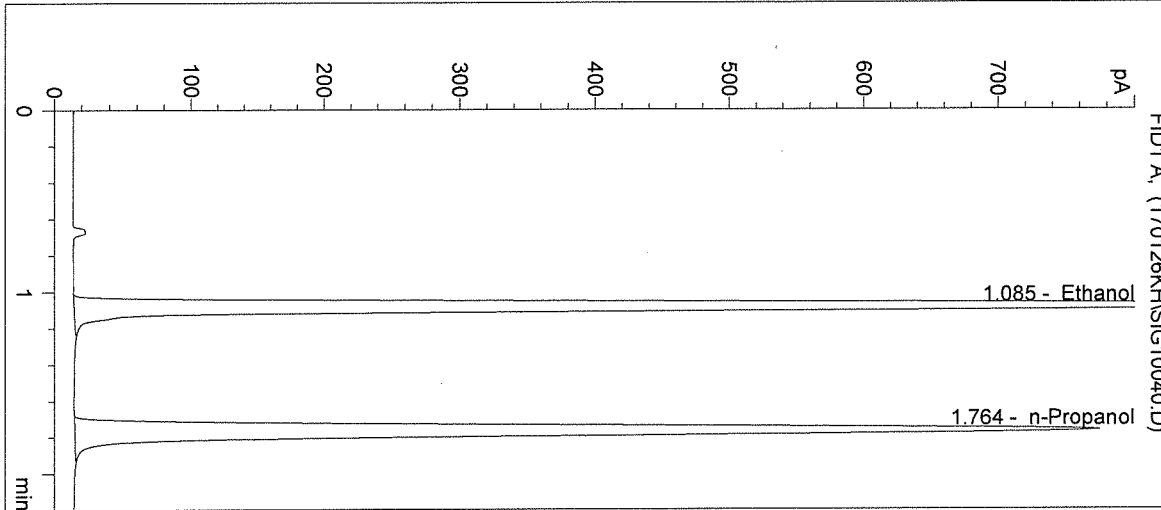
Operator: Katie Harris

Column: DB-ALC1

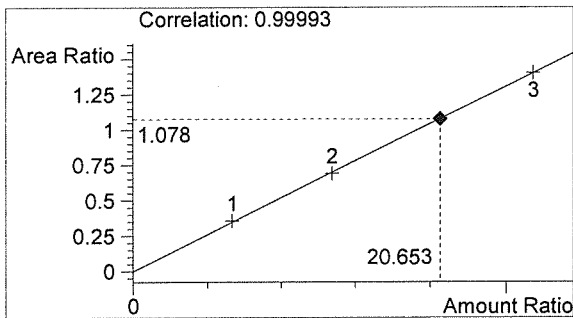
Location: Vial 40

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

Sample Info:

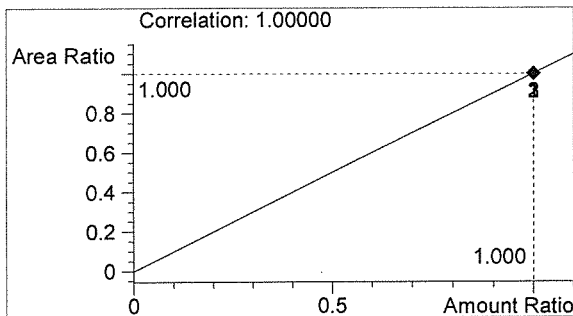


#	Compound	Peak Area	RT (min)
1	Ethanol	3102	1.085
2	n-Propanol	2878	1.764



Ethanol 0.248 g/100mL

AW



n-Propanol 0.012 g/100mL

KH

Inj. Date: 1/26/2017 1:07:48 PM

Sample Name: 17014-4

Instrument: HSGC#1

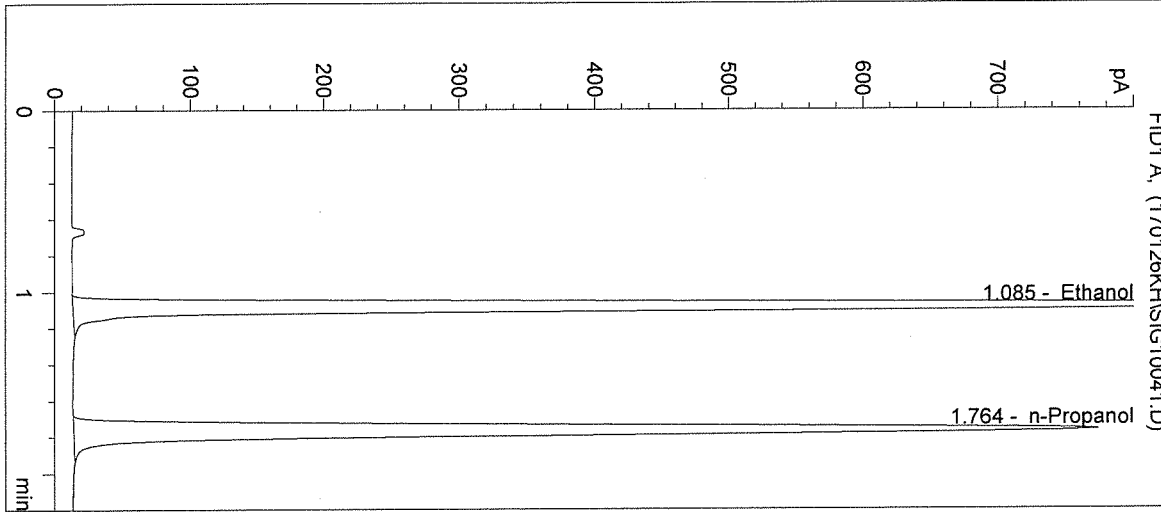
Operator: Katie Harris

Column: DB-ALC1

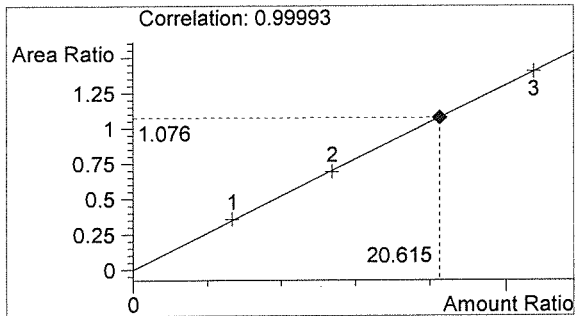
Location: Vial 41

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

Sample Info:

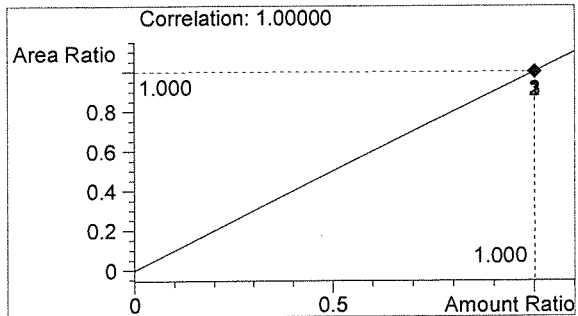


#	Compound	Peak Area	RT (min)
1	Ethanol	3103	1.085
2	n-Propanol	2884	1.764



Ethanol 0.247 g/100mL

Raw



n-Propanol 0.012 g/100mL

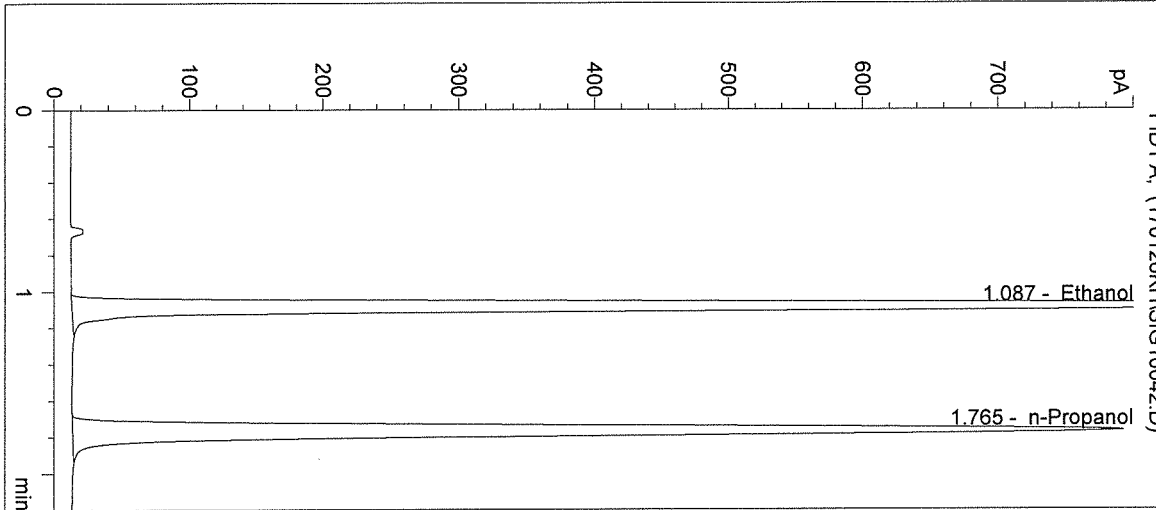
KH

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

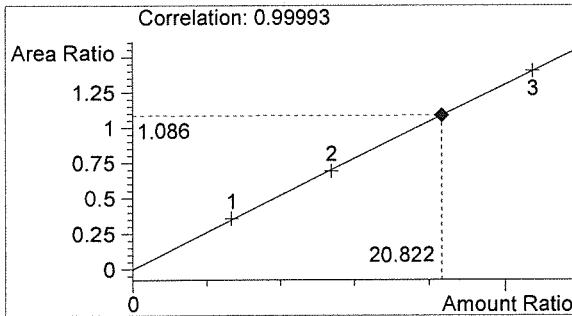
Inj. Date: 1/26/2017 1:11:01 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: 17014-5
Operator: Katie Harris
Location: Vial 42

Sample Info:

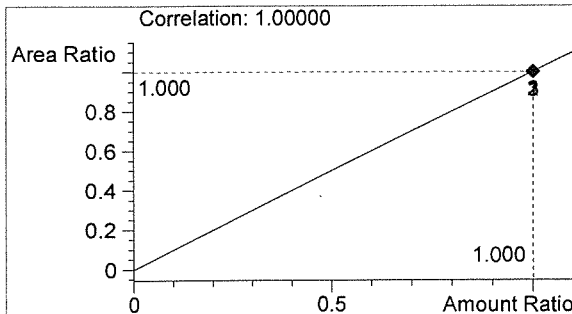


#	Compound	Peak Area	RT (min)
1	Ethanol	3213	1.087
2	n-Propanol	2958	1.765



Ethanol 0.250 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 1:14:14 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

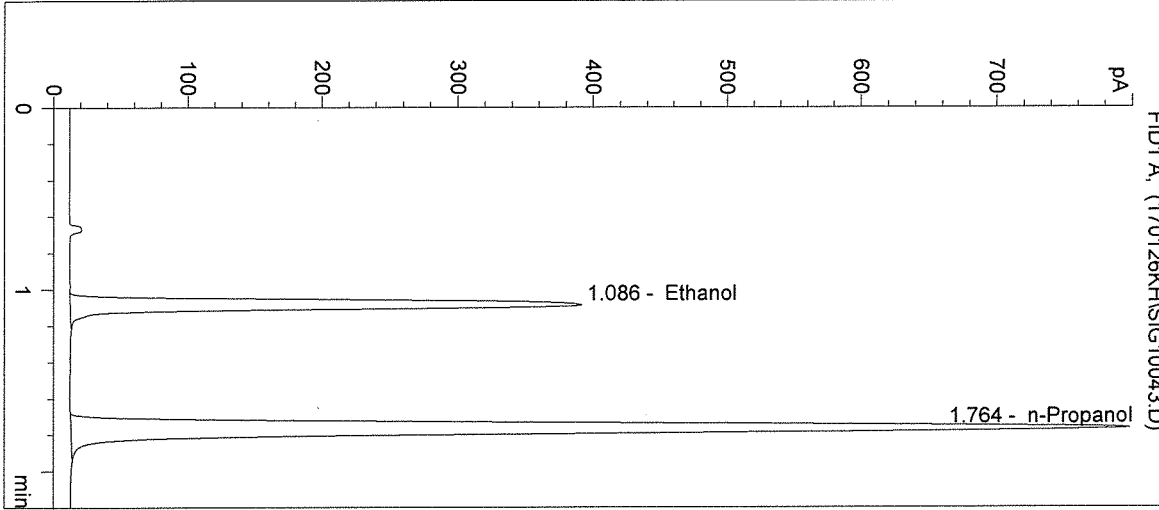
Operator: Katie Harris

Column: DB-ALC1

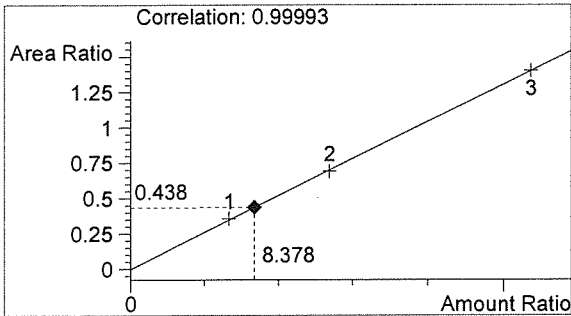
Location: Vial 43

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

Sample Info: 17014

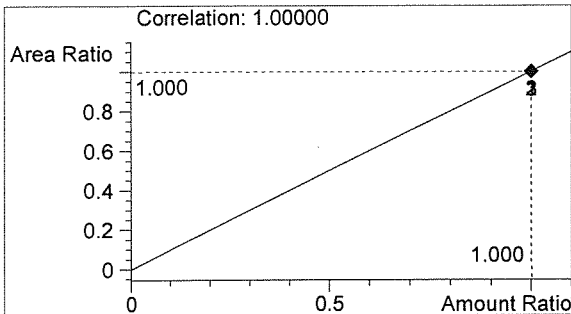


#	Compound	Peak Area	RT (min)
1	Ethanol	1309	1.086
2	n-Propanol	2990	1.764



Ethanol 0.101 g/100mL

BLW



n-Propanol 0.012 g/100mL

KH

Inj. Date: 1/26/2017 1:17:27 PM

Sample Name: NEG CTRL

Instrument: HSGC#1

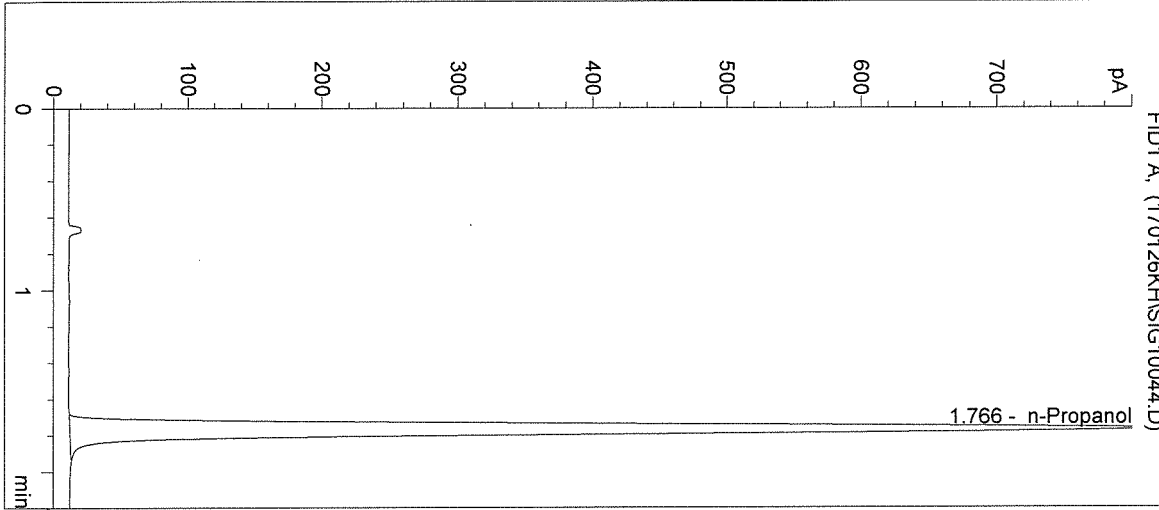
Operator: Katie Harris

Column: DB-ALC1

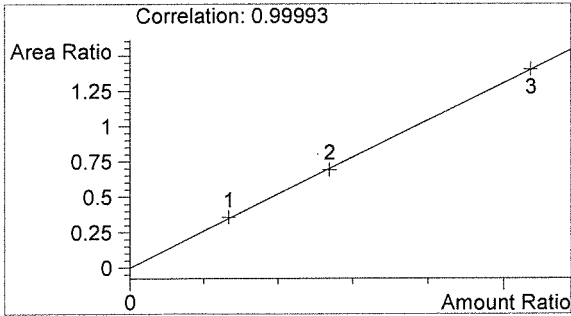
Location: Vial 44

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

Sample Info: 17014

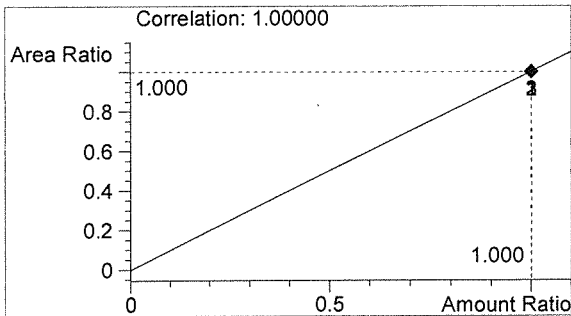


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	3060	1.766



Ethanol 0.000 g/100mL

AWD



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-Propanol 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		

17014
 RW 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!

17014
 REC 2-28-17

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

Inj. Date: 1/26/2017 3:48:59 PM

Sample Name: 17014-1

Instrument: HSGC#1

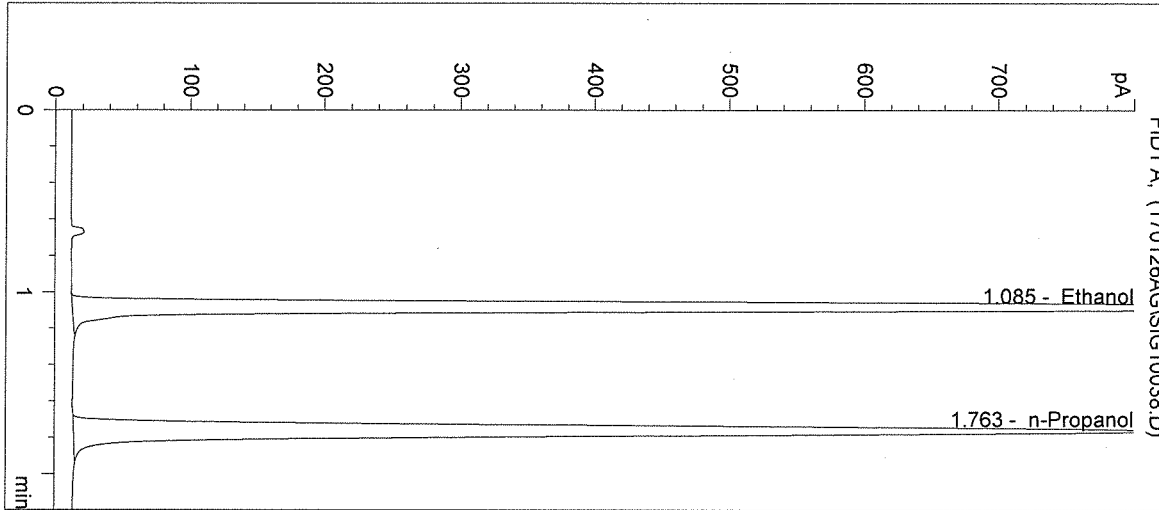
Operator: Andrew Gingras

Column: DB-ALC1

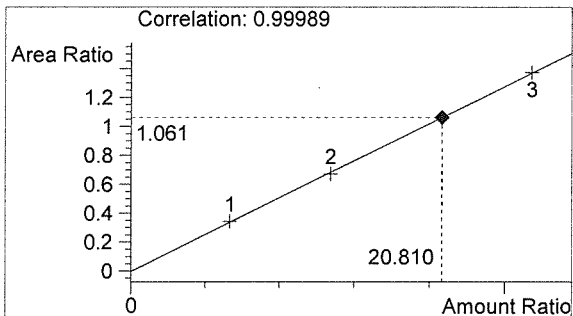
Location: Vial 38

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

Sample Info:

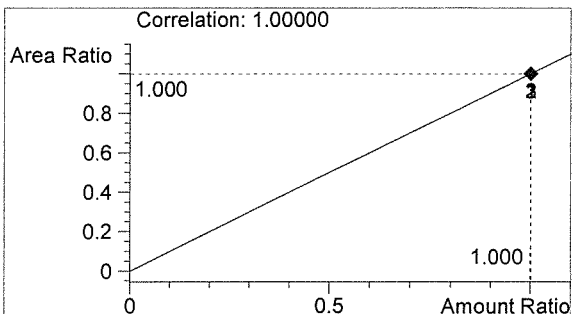


#	Compound	Peak Area	RT (min)
1	Ethanol	3251	1.085
2	n-Propanol	3063	1.763



Ethanol 0.250 g/100mL

AW



n-Propanol 0.012 g/100mL

AW

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

Inj. Date: 1/26/2017 3:52:13 PM

Sample Name: 17014-2

Instrument: HSGC#1

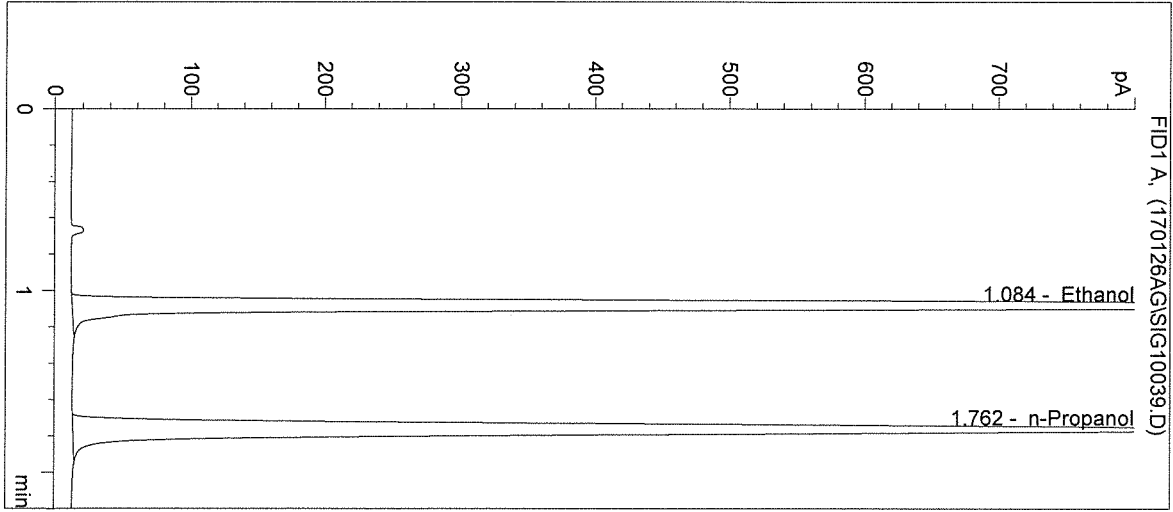
Operator: Andrew Gingras

Column: DB-ALC1

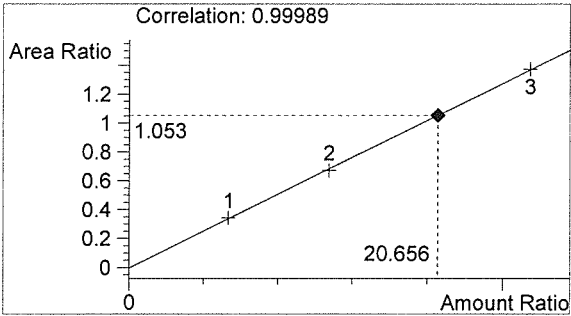
Location: Vial 39

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

Sample Info:

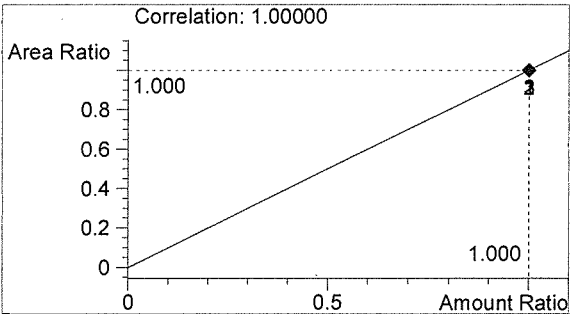


#	Compound	Peak Area	RT (min)
1	Ethanol	3445	1.084
2	n-Propanol	3270	1.762



Ethanol 0.248 g/100mL

AKW

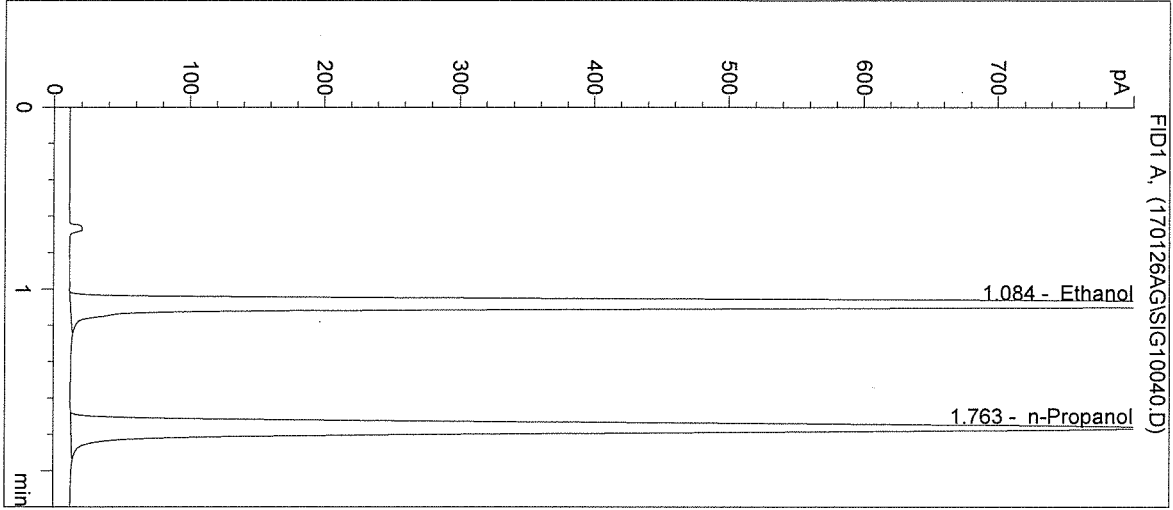


n-Propanol 0.012 g/100mL

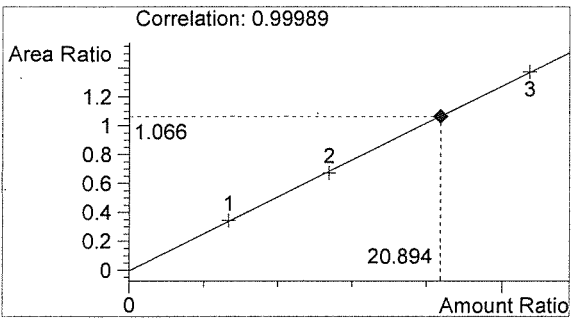
AG

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

Inj. Date: 1/26/2017 3:55:26 PM Sample Name: 17014-3
 Instrument: HSGC#1 Operator: Andrew Gingras
 Column: DB-ALC1 Location: Vial 40
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info:

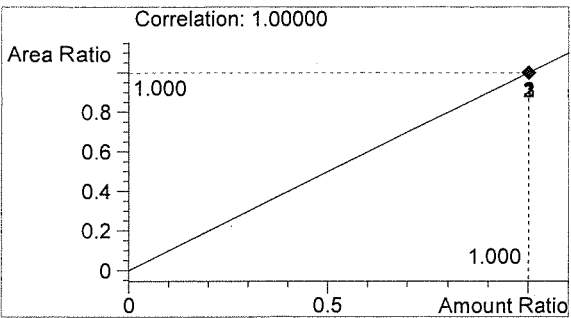


#	Compound	Peak Area	RT (min)
1	Ethanol	3247	1.084
2	n-Propanol	3047	1.763



Ethanol 0.251 g/100mL

AW



n-Propanol 0.012 g/100mL

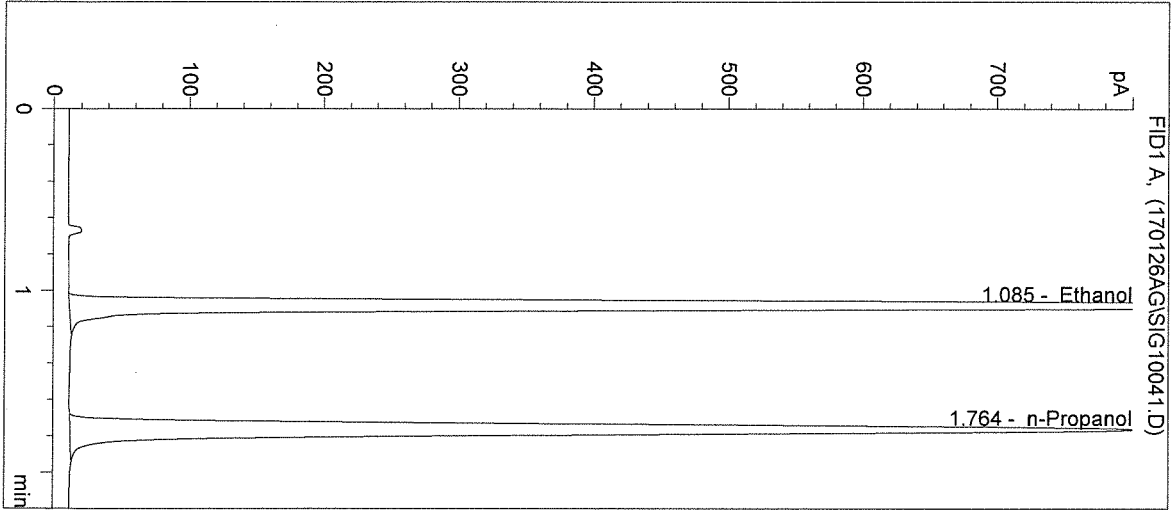
AG

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

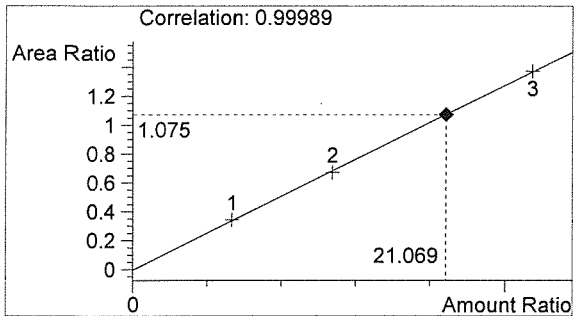
Inj. Date: 1/26/2017 3:58:39 PM
 Instrument: HSGC#1
 Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: 17014-4
 Operator: Andrew Gingras
 Location: Vial 41

Sample Info:

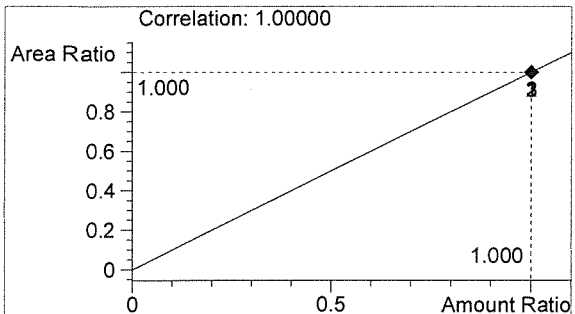


#	Compound	Peak Area	RT (min)
1	Ethanol	3237	1.085
2	n-Propanol	3013	1.764



Ethanol 0.253 g/100mL

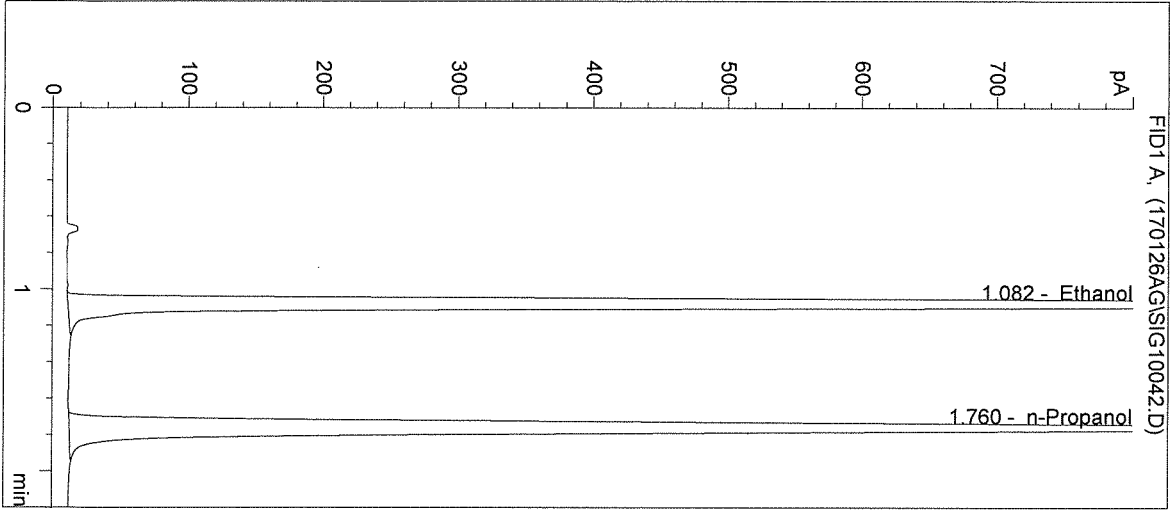
AW



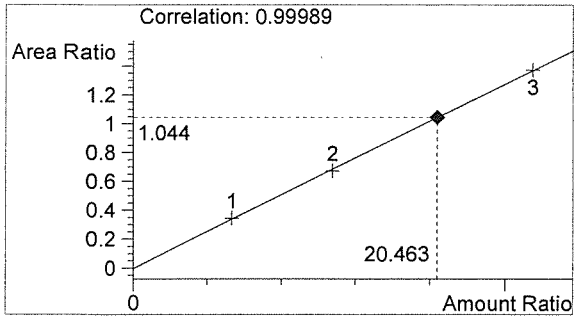
n-Propanol 0.012 g/100mL

AG

Inj. Date: 1/26/2017 4:01:53 PM Sample Name: 17014-5
 Instrument: HSGC#1 Operator: Andrew Gingras
 Column: DB-ALC1 Location: Vial 42
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info:

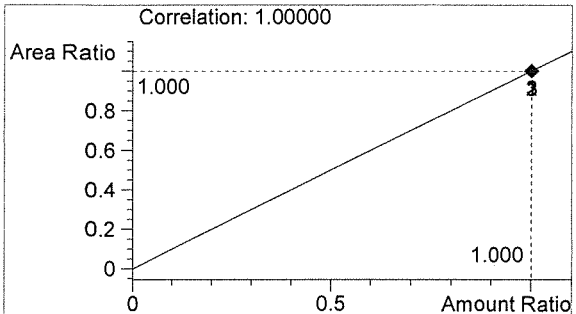


#	Compound	Peak Area	RT (min)
1	Ethanol	3772	1.082
2	n-Propanol	3615	1.760



Ethanol 0.246 g/100mL

AW



n-Propanol 0.012 g/100mL

AG

Inj. Date: 1/26/2017 4:05:05 PM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

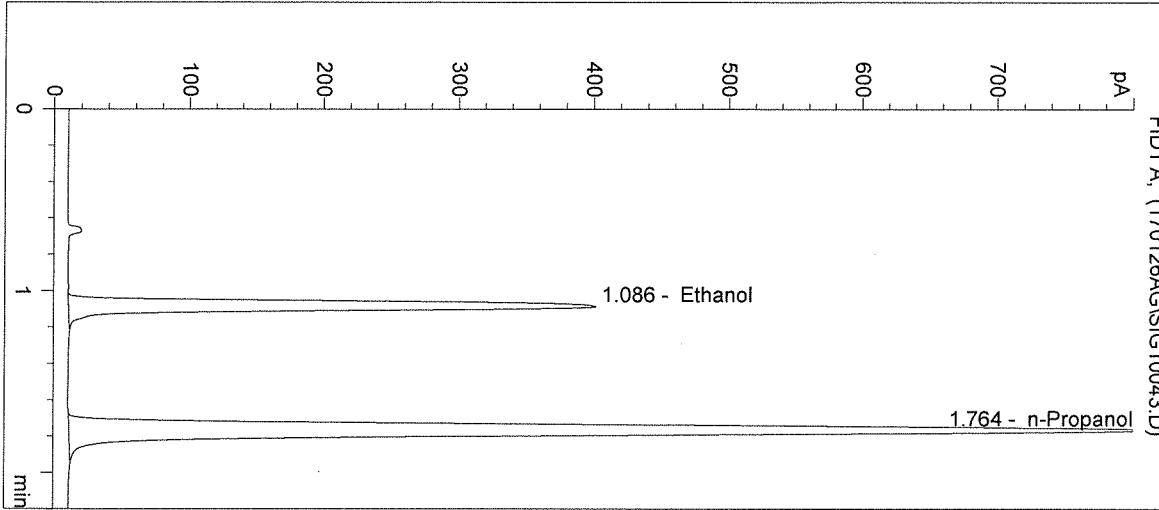
Operator: Andrew Gingras

Column: DB-ALC1

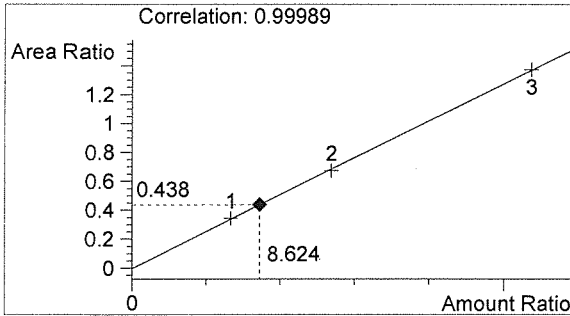
Location: Vial 43

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

Sample Info: 17014

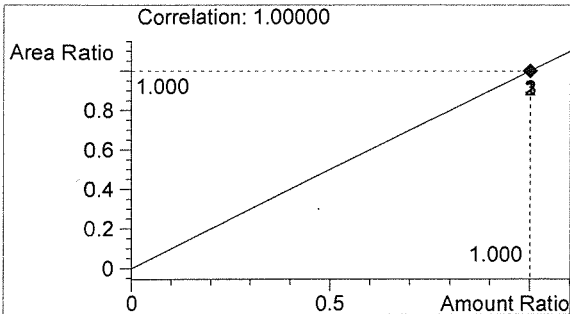


#	Compound	Peak Area	RT (min)
1	Ethanol	1340	1.086
2	n-Propanol	3057	1.764



Ethanol 0.103 g/100mL

AW



n-Propanol 0.012 g/100mL

AG

Inj. Date: 1/26/2017 4:08:19 PM

Sample Name: NEG CTRL

Instrument: HSGC#1

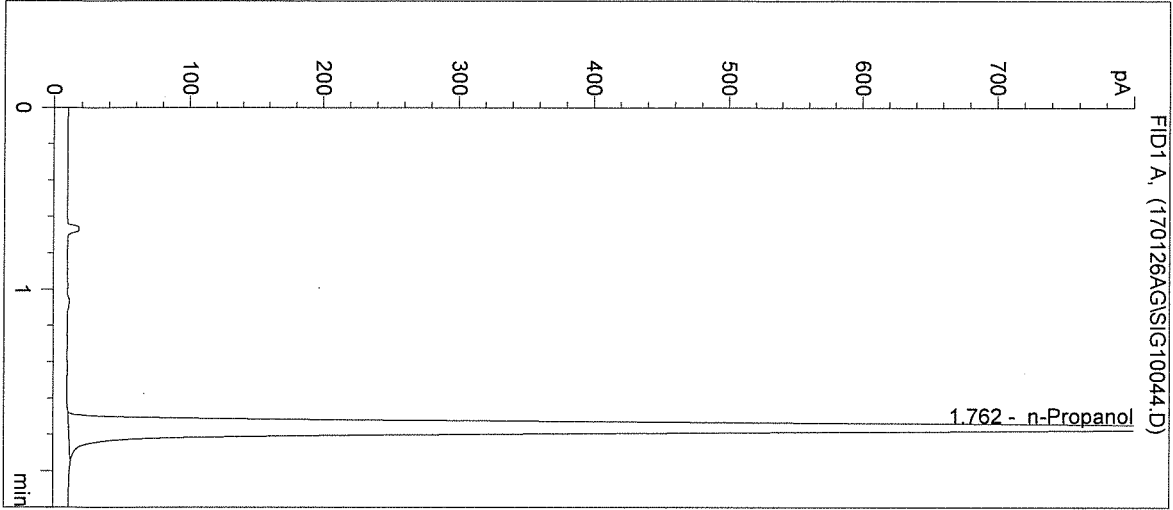
Operator: Andrew Gingras

Column: DB-ALC1

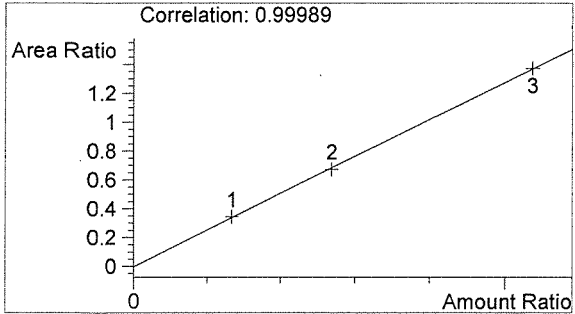
Location: Vial 44

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

Sample Info: 17014

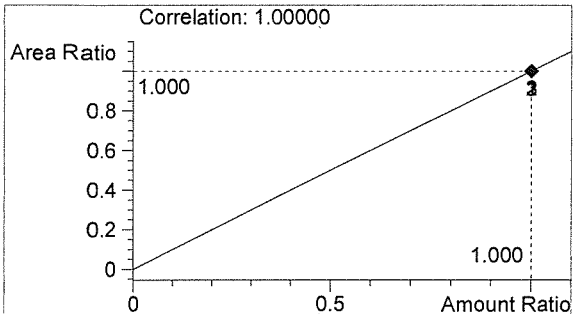


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	3496	1.762



Ethanol 0.000 g/100mL

AWD



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		

17014
 RW 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!

17014
 Pw 2-28-17

JL

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

Inj. Date: 1/27/2017 10:21:27 AM

Sample Name: 17014-1

Instrument: HSGC#1

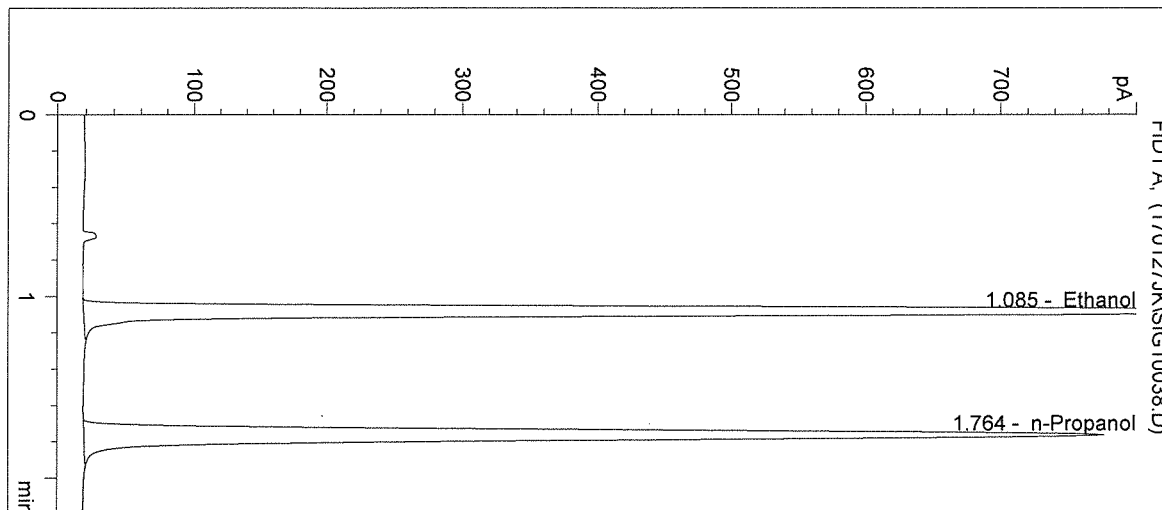
Operator: Justin Knoy

Column: DB-ALC1

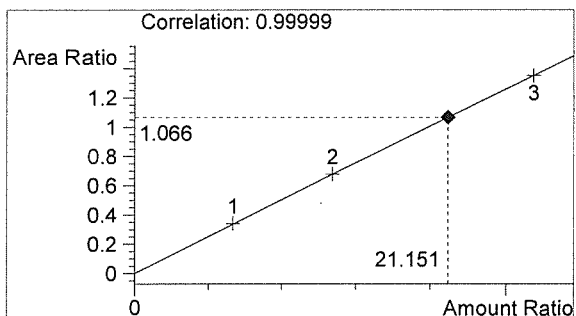
Location: Vial 38

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

Sample Info:

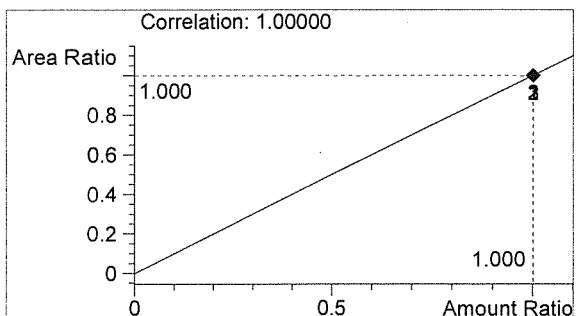


#	Compound	Peak Area	RT (min)
1	Ethanol	3063	1.085
2	n-Propanol	2873	1.764



Ethanol 0.254 g/100mL

BW



n-Propanol 0.012 g/100mL

JK

Inj. Date: 1/27/2017 10:24:41 AM

Sample Name: 17014-2

Instrument: HSGC#1

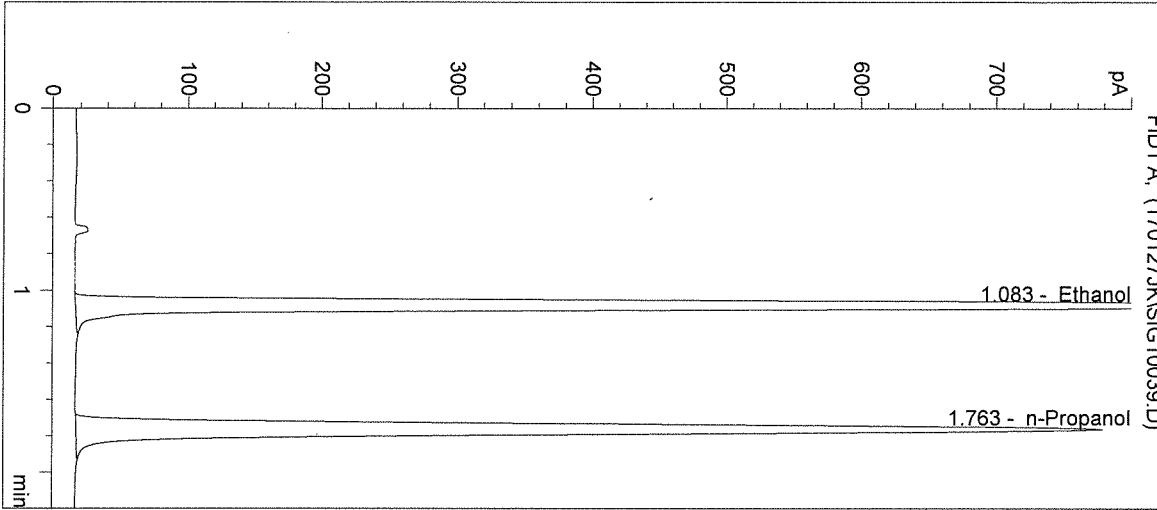
Operator: Justin Knoy

Column: DB-ALC1

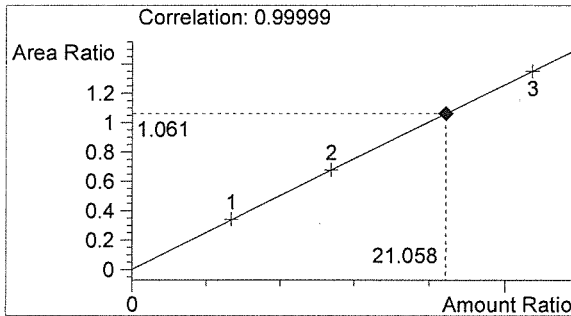
Location: Vial 39

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

Sample Info:

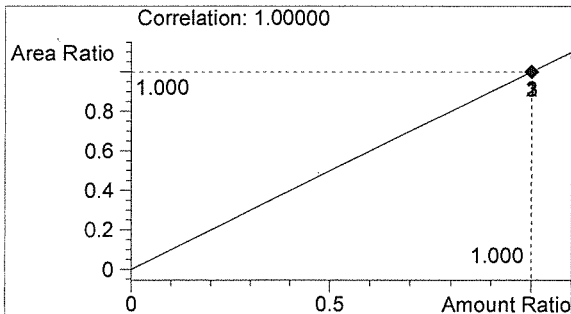


#	Compound	Peak Area	RT (min)
1	Ethanol	3063	1.083
2	n-Propanol	2885	1.763



Ethanol 0.253 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 10:27:53 AM

Sample Name: 17014-3

Instrument: HSGC#1

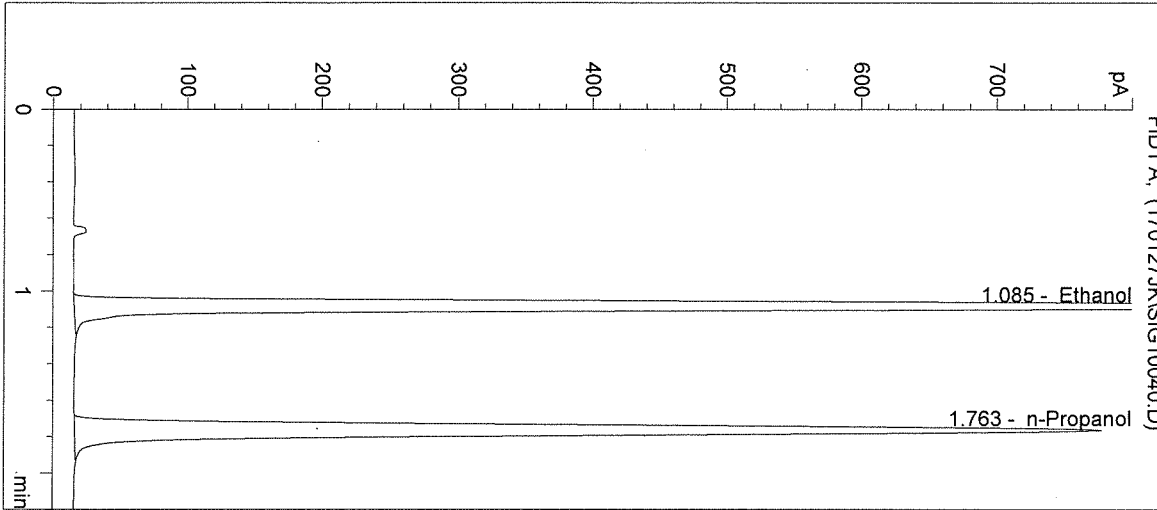
Operator: Justin Knoy

Column: DB-ALC1

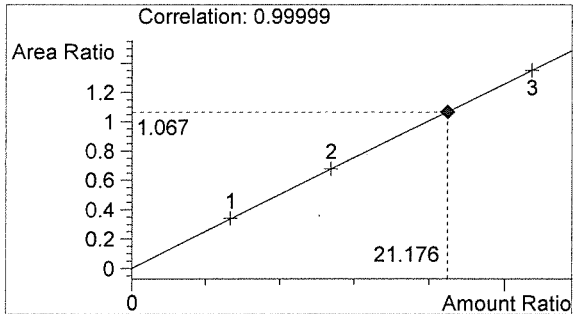
Location: Vial 40

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

Sample Info:

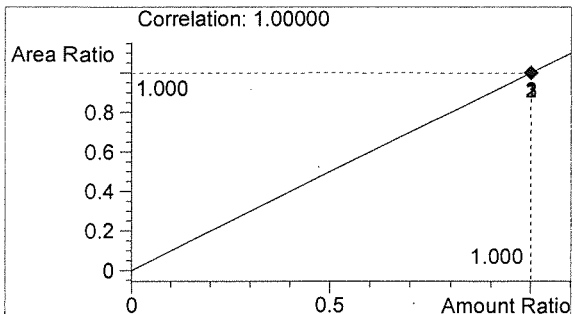


#	Compound	Peak Area	RT (min)
1	Ethanol	3078	1.085
2	n-Propanol	2883	1.763



Ethanol 0.254 g/100mL

AWC

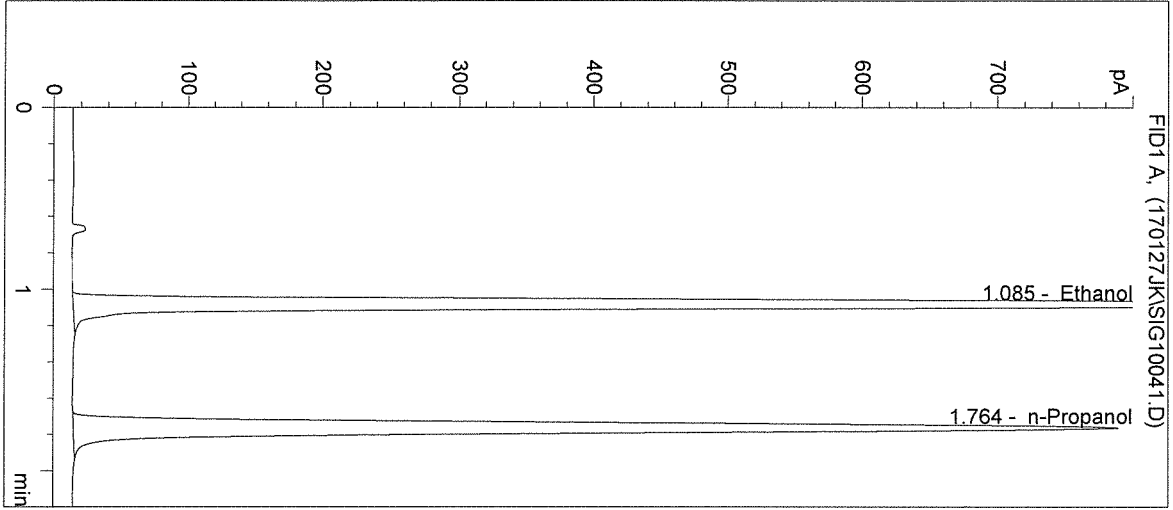


n-Propanol 0.012 g/100mL

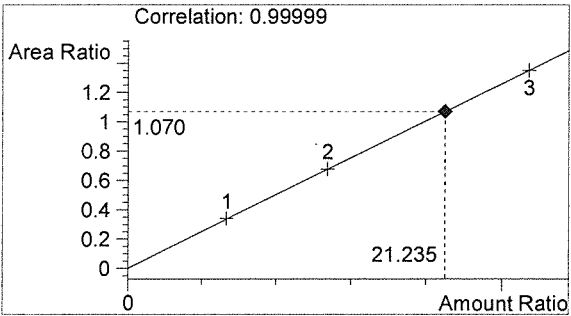
TC

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

Inj. Date: 1/27/2017 10:31:06 AM Sample Name: 17014-4
Instrument: HSGC#1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 41
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

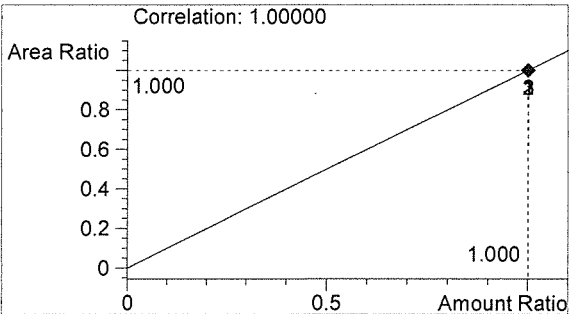


#	Compound	Peak Area	RT (min)
1	Ethanol	3142	1.085
2	n-Propanol	2936	1.764



Ethanol 0.255 g/100mL

ALCO



n-Propanol 0.012 g/100mL

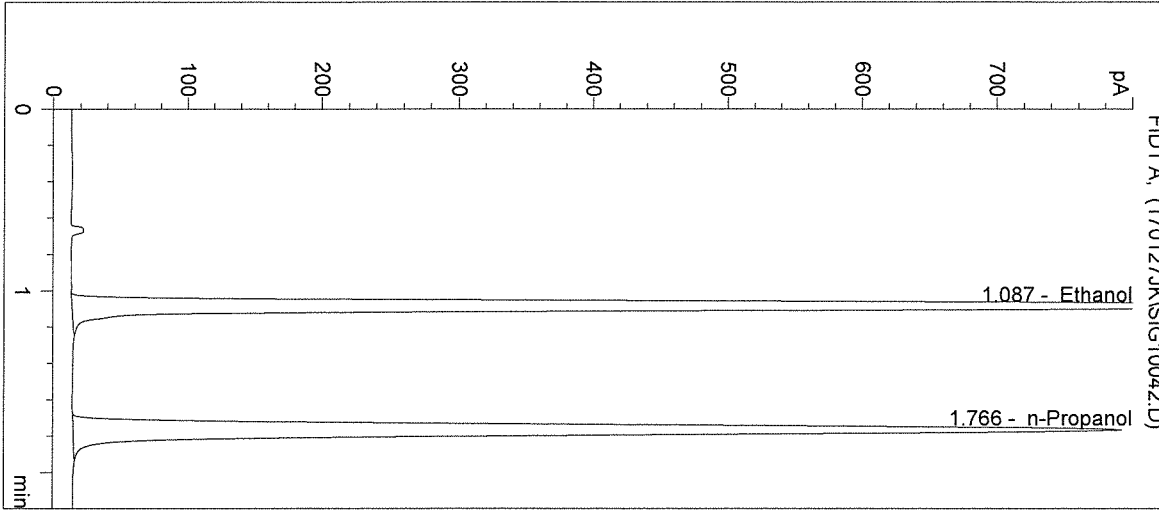
JK

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

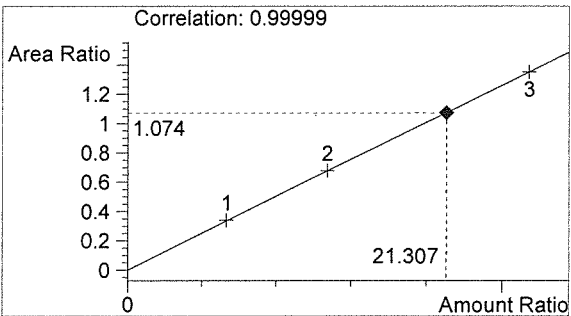
Inj. Date: 1/27/2017 10:34:20 AM
 Instrument: HSGC#1
 Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: 17014-5
 Operator: Justin Knoy
 Location: Vial 42

Sample Info:

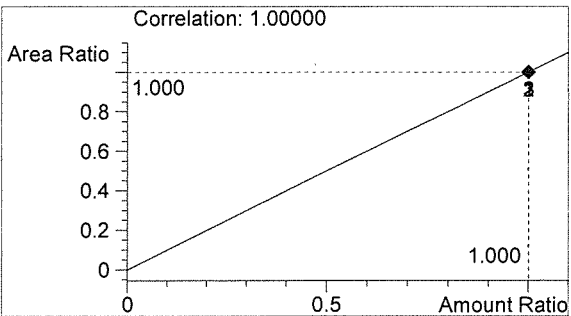


#	Compound	Peak Area	RT (min)
1	Ethanol	3163	1.087
2	n-Propanol	2945	1.766



Ethanol 0.256 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 10:37:33 AM

Sample Name: 0.10 CTRL

Instrument: HSGC#1

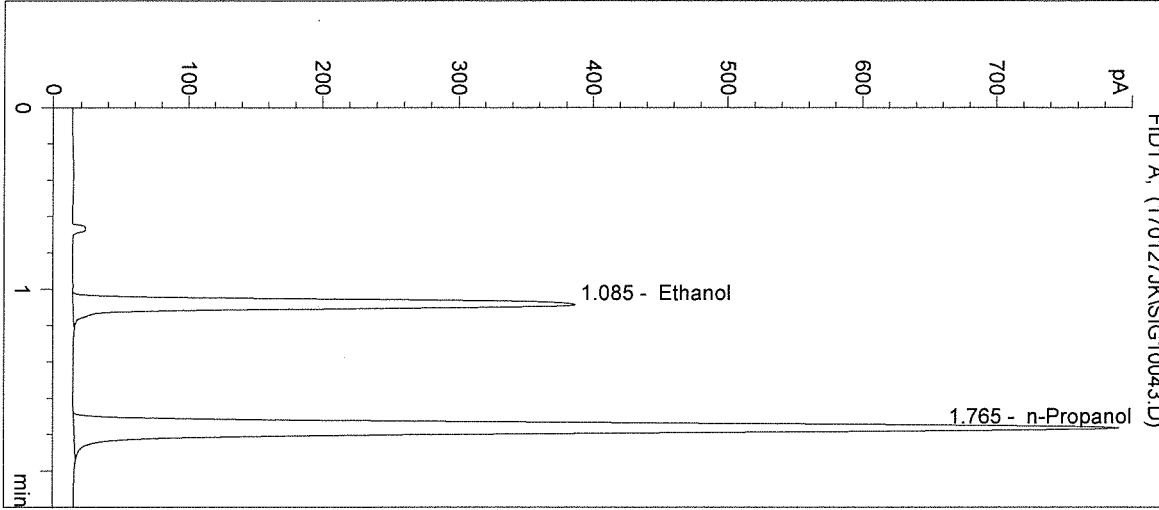
Operator: Justin Knoy

Column: DB-ALC1

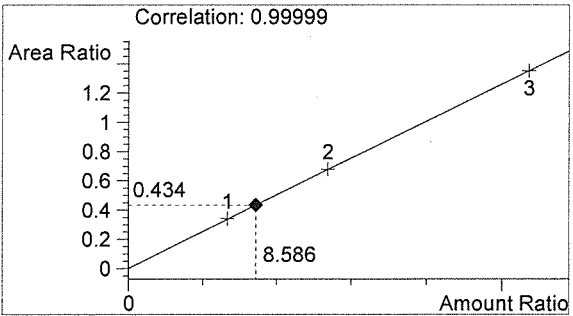
Location: Vial 43

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

Sample Info: 17014

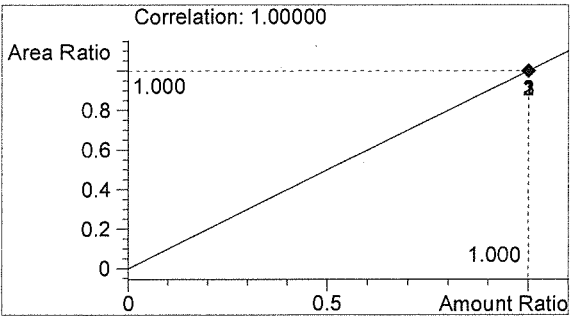


#	Compound	Peak Area	RT (min)
1	Ethanol	1281	1.085
2	n-Propanol	2950	1.765



Ethanol 0.103 g/100mL

AW



n-Propanol 0.012 g/100mL

JR

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

Inj. Date: 1/27/2017 10:40:46 AM

Sample Name: NEG CTRL

Instrument: HSGC#1

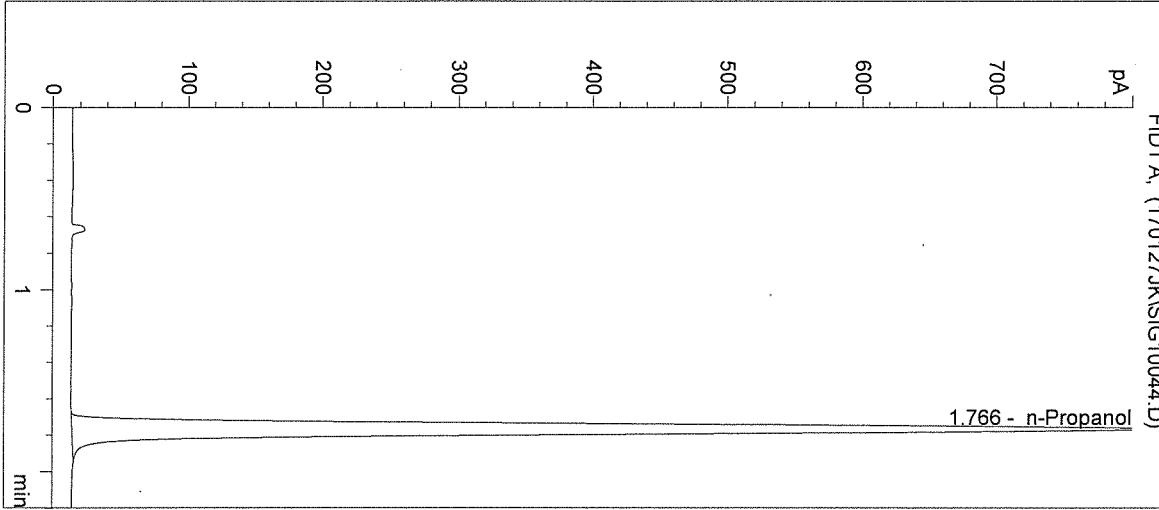
Operator: Justin Knoy

Column: DB-ALC1

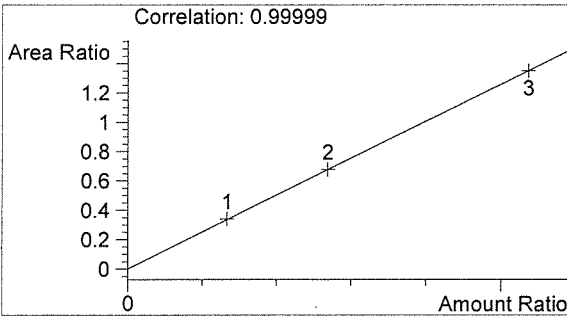
Location: Vial 44

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

Sample Info: 17014

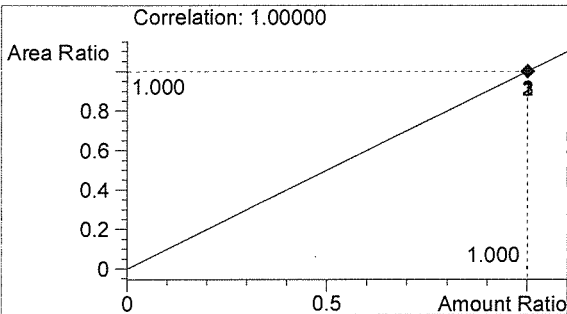


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	3038	1.766



Ethanol 0.000 g/100mL

AKO



n-Propanol 0.012 g/100mL

JK