



**QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT**

BATCH REPORT: 17048

**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: 06/22/2017  
BATCH UNITS: g/100mL

IDENTITY: QAP Solution  
PREPARED BY: Asa J. Louis

	AJL	EW	AG
1	0.188	0.187	0.188
2	0.187	0.191	0.187
3	0.191	0.191	0.188
4	0.188	0.189	0.188
5	0.191	0.190	0.188
C	0.104	0.101	0.103

**ETHANOL CONTROL INFORMATION**

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

**RESULTS OF TESTING**

AVERAGE SOLUTION CONCENTRATION: 0.1888 g/100mL PRECISION CV (%): 0.83  
STANDARD DEVIATION: 0.00157 NUMBER OF TESTS: 15

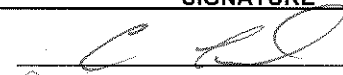

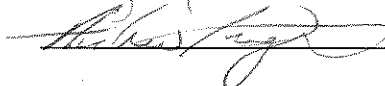
EQUIVALENT VAPOR CONCENTRATION: 0.1535 g/210L  
EXPANDED UNCERTAINTY: ± 0.0042 (k=2, 95.45% confidence interval)

**WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION**

  
Brittany Thomas Forensic Scientist Supervisor

  
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
AJL	Asa J. Louis		06/22/2017
EW	Elizabeth Wehner		06/22/2017
AG	Andrew Gingras		06/27/2017

This report applies only to the item being tested and shall not be reproduced except in full, without the written approval of the WSP Toxicology Laboratory Division. Page 1 of 1

**SIMULATOR SOLUTION DATA ENTRY REVIEW**

Reviewer/s: Amanda M. Black Date: 8-2-17  
Location: WSP-FLSB Seattle, WA Solution Batch Number: 17048

	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: 8-2-17

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

QAP Solution Batch #: 17048

Date Prepared: 6/22/2017

Analyst:	AJL	EW	AG
Date Tested:	6/22/2017	6/22/2017	6/27/2017
Instrument:	HSGC #1	HSGC #1	HSGC #1
1	0.188	0.187	0.188
2	0.187	0.191	0.187
3	0.191	0.191	0.188
4	0.188	0.189	0.188
5	0.191	0.190	0.188
C	0.104	0.101	0.103

$CV^2_{COA}$	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000045955	0.0000737898	0.0001016326

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

Average Solution Concentration: 0.1888 g/100mL  
Standard Deviation: 0.00157 g/100mL  
Precision CV (%): 0.83  
Equivalent Vapor Concentration: 0.1535 g/210L  
Combined Standard Uncertainty ( $\pm$ ): 0.0021 g/210L  
Expanded Uncertainty ( $\pm$ ): 0.0042 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Brittany Thomas Brittany Thomas 6/28/17  
Name Signature Date

Calculations verified by: Amanda M. Bleck [Signature] 8-2-17 Method: Hand calculation  
Name Signature Date

Review of batch file performed by: Brittany Thomas Brittany Thomas 6/28/17  
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
<b>Amanda Chandler</b>		
<b>Andrew Gingras</b>	<i>AG</i>	<i>7/5/17</i>
<b>Asa Louis</b>	<i>AL</i>	<i>20170628</i>
<b>Brittany Thomas</b>		
<b>Christie Mitchell-Mata</b>		
<b>Christopher Johnston</b>		
<b>David Nguyen</b>		
<b>Dawn Sklerov</b>		
<b>Elizabeth Wehner</b>	<i>EW</i>	<i>6/28/17</i>
<b>Justin Knoy</b>		
<b>Katie Harris</b>		
<b>Lyndsey Knoy</b>		
<b>Naziha Nuwayhid</b>		
<b>Rebecca Flaherty</b>		

Batch # 17048 *BT* *6/28/17*

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 17048**

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

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

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

The quality assurance procedure (QAP) solution, Lot Number 17048, was prepared in the Washington State Toxicology Laboratory on 6/22/2017. 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 6/22/2018.

Seattle, WA

 2017.06.28

Asa J. Louis

Date

Forensic Toxicologist



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 17048**

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

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

I possess the following qualifications: BS degree in Biochemistry.

The quality assurance procedure (QAP) solution, Lot Number 17048, was prepared in the Washington State Toxicology Laboratory on 6/22/2017. 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 6/22/2018.

Seattle, WA

*Elizabeth Wehner 6/28/17*

Elizabeth Wehner

Date

Forensic Scientist



JAY INSLEE  
Governor



JOHN R. BATISTE  
Chief

STATE OF WASHINGTON  
WASHINGTON STATE PATROL  
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**0.15 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION  
CERTIFICATION FOR LOT 17048**

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 17048, was prepared in the Washington State Toxicology Laboratory on 6/22/2017. 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 6/22/2018.

Seattle, WA

A handwritten signature of Andrew Gingras and the date 7/5/2017, written in black ink.

Andrew Gingras  
Forensic Scientist

Date



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

Preparation Date: 20170622 Expiration Date: 20180622 Initials of Preparer: M

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

Date the 200-proof Ethanol bottle was opened: 20170509

17048  
POT  
6/28/17

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 type="checkbox"/>	<u>17045</u>
QAP 0.08	22.4	18	<input type="checkbox"/>	<u>17046</u>
QAP <del>0.10</del> 0.08 20170622	<del>28.1</del> 22.4	18	<input type="checkbox"/>	<u>17047</u>
QAP 0.15	42.1	18	<input type="checkbox"/>	<u>17048</u>
QAP 0.20	56.1	18	<input type="checkbox"/>	<u>17049</u>
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  Date 20170622

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

20170622  
Date

17048 M



Sequence Parameters:

Operator: asa louis  
 Data File Naming: Auto  
 Data Directory: C:\HPCHEM\1\DATA\  
 Data Subdirectory: 170622AL  
 Part of Methods to run: According to Runtime Checklist  
 Barcode Reader: not used  
 Shutdown Cmd/Macro: none

Sequence Comment:

cal 1 e0217-01 exp 08/21/2017  
 cal 2 e0217-02 exp 08/21/2017  
 cal 3 e0217-03 exp 08/21/2017  
 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 p0517 exp 08/18/2016

cal data in gap 17045

*Subtor #2*

*2017  
 in 20170622*

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 - al	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 ctrl - al	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 ctrl - al	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 ctrl - al	SIMALC1	1	Ctrl Samp		
9	Vial 9	neg ctrl - al	SIMALC1	1	Ctrl Samp		
10	Vial 10	gap 17045 #1	SIMALC1	1	Sample		
11	Vial 11	gap 17045 #2	SIMALC1	1	Sample		
12	Vial 12	gap 17045 #3	SIMALC1	1	Sample		
13	Vial 13	gap 17045 #4	SIMALC1	1	Sample		
14	Vial 14	gap 17045 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 ctrl - al	SIMALC1	1	Ctrl Samp		
16	Vial 16	neg ctrl - al	SIMALC1	1	Ctrl Samp		
17	Vial 17	gap 17046 #1	SIMALC1	1	Sample		
18	Vial 18	gap 17046 #2	SIMALC1	1	Sample		
19	Vial 19	gap 17046 #3	SIMALC1	1	Sample		
20	Vial 20	gap 17046 #4	SIMALC1	1	Sample		
21	Vial 21	gap 17046 #5	SIMALC1	1	Sample		
22	Vial 22	0.10 ctrl - al	SIMALC1	1	Ctrl Samp		
23	Vial 23	neg ctrl - al	SIMALC1	1	Ctrl Samp		
24	Vial 24	gap 17047 #1	SIMALC1	1	Sample		
25	Vial 25	gap 17047 #2	SIMALC1	1	Sample		
26	Vial 26	gap 17047 #3	SIMALC1	1	Sample		
27	Vial 27	gap 17047 #4	SIMALC1	1	Sample		
28	Vial 28	gap 17047 #5	SIMALC1	1	Sample		
29	Vial 29	0.10 ctrl - al	SIMALC1	1	Ctrl Samp		
30	Vial 30	neg ctrl - al	SIMALC1	1	Ctrl Samp		

17048

*BT  
 6/22/17*

*17048*

*AL*

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
31	Vial 31	qap 17048 #1	SIMALC1	1	Sample		
32	Vial 32	qap 17048 #2	SIMALC1	1	Sample		
33	Vial 33	qap 17048 #3	SIMALC1	1	Sample		
34	Vial 34	qap 17048 #4	SIMALC1	1	Sample		
35	Vial 35	qap 17048 #5	SIMALC1	1	Sample		
36	Vial 36	0.10 ctrl - al	SIMALC1	1	Ctrl Samp		
37	Vial 37	neg ctrl - al	SIMALC1	1	Ctrl Samp		
38	Vial 38	qap 17049 #1	SIMALC1	1	Sample		
39	Vial 39	qap 17049 #2	SIMALC1	1	Sample		
40	Vial 40	qap 17049 #3	SIMALC1	1	Sample		
41	Vial 41	qap 17049 #4	SIMALC1	1	Sample		
42	Vial 42	qap 17049 #5	SIMALC1	1	Sample		
43	Vial 43	0.10 ctrl - al	SIMALC1	1	Ctrl Samp		
44	Vial 44	neg ctrl - al	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!

17048

at 6/22/17

17048

AL

Inj. Date: 6/22/2017 11:24:59 AM

Sample Name: qap 17048 #1

Instrument: HSGC#1

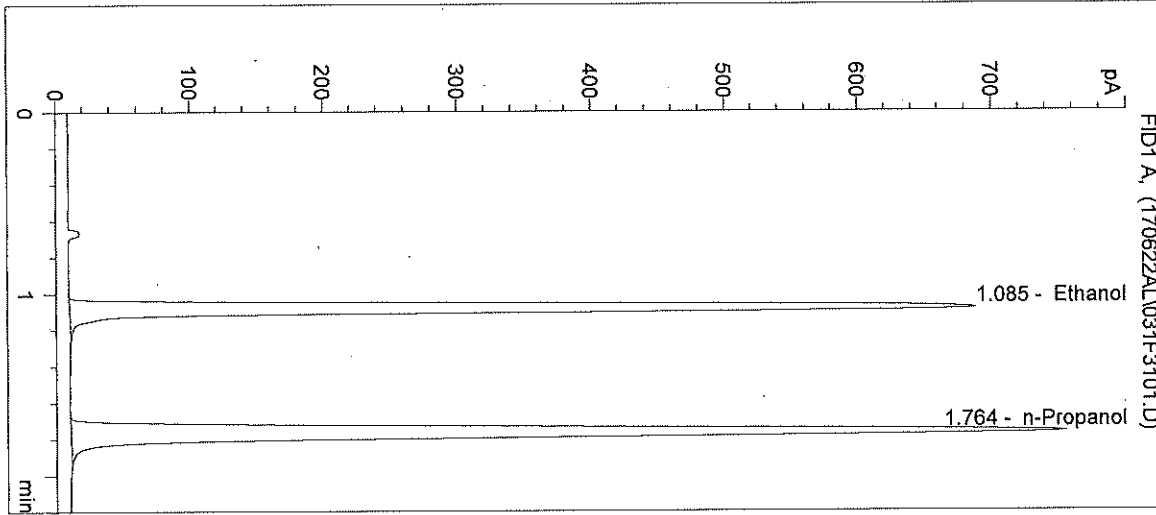
Operator: asa louis

Column: DB-ALCl

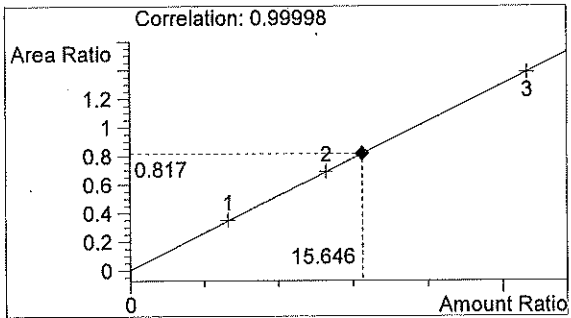
Location: Vial 31

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

Sample Info:

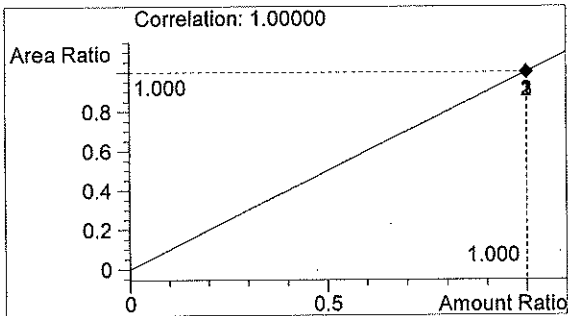


#	Compound	Peak Area	RT (min)
1	Ethanol	2273	1.085
2	n-Propanol	2783	1.764



Ethanol 0.188 g/100mL

*Handwritten mark*



n-Propanol 0.012 g/100mL

*Handwritten mark*

Inj. Date: 6/22/2017 11:28:11 AM

Sample Name: qap 17048 #2

Instrument: HSGC#1

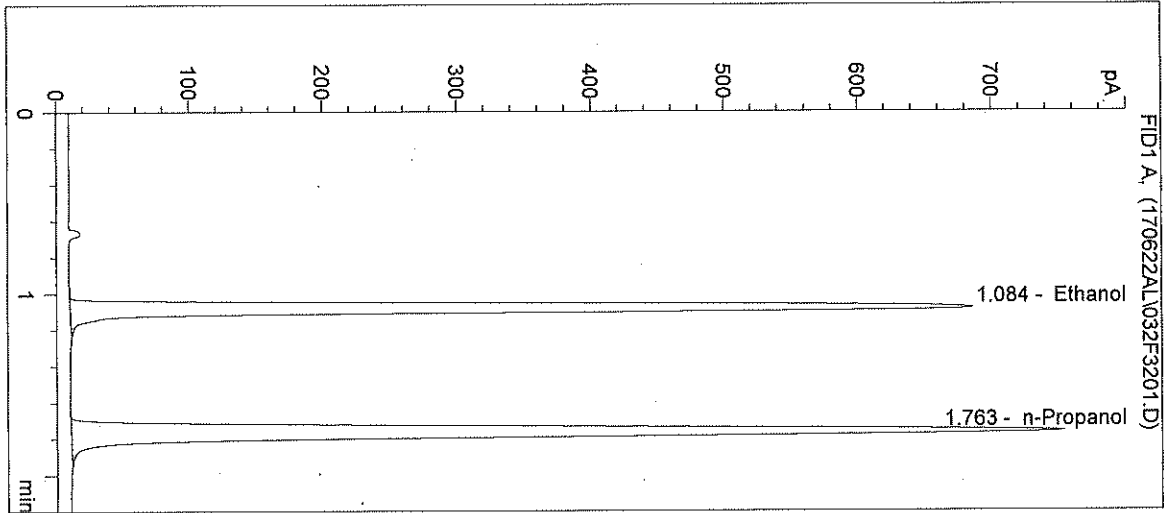
Operator: asa louis

Column: DB-ALC1

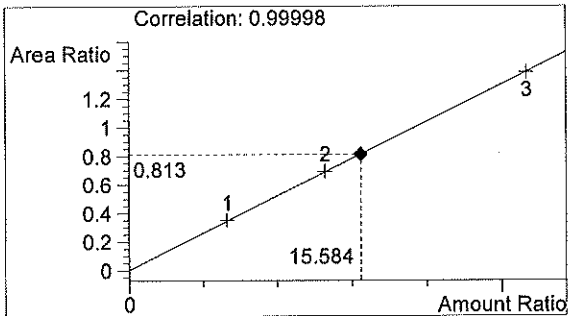
Location: Vial 32

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

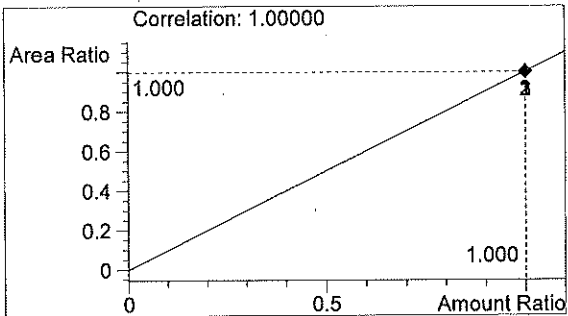
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2255	1.084
2	n-Propanol	2772	1.763



Ethanol 0.187 g/100mL *VM*



n-Propanol 0.012 g/100mL *BL*

Inj. Date: 6/22/2017 11:31:24 AM

Sample Name: qap 17048 #3

Instrument: HSGC#1

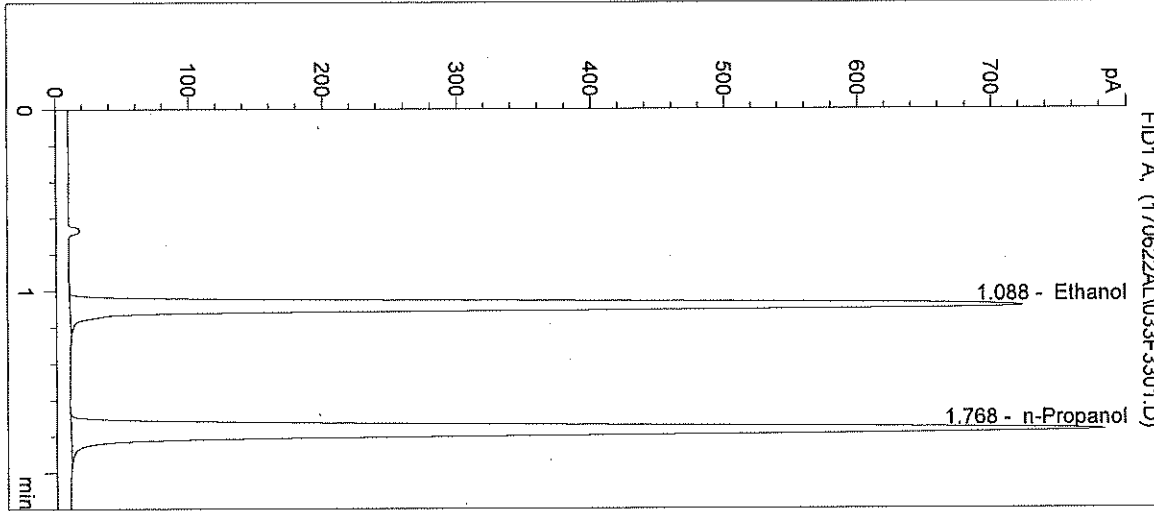
Operator: asa louis

Column: DB-ALC1

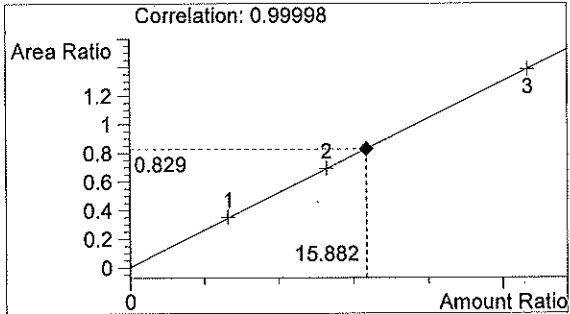
Location: Vial 33

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

Sample Info:

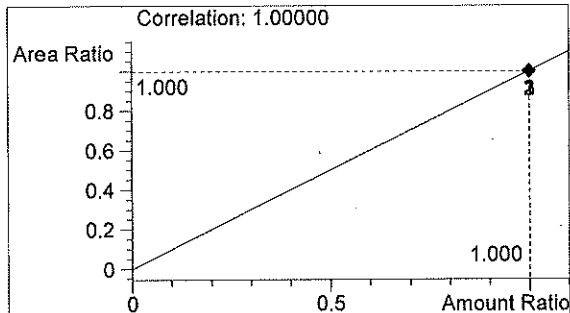


#	Compound	Peak Area	RT (min)
1	Ethanol	2421	1.088
2	n-Propanol	2921	1.768



Ethanol 0.191 g/100mL

*PS*



n-Propanol 0.012 g/100mL

*AL*

Inj. Date: 6/22/2017 11:34:38 AM

Sample Name: gap 17048 #4

Instrument: HSGC#1

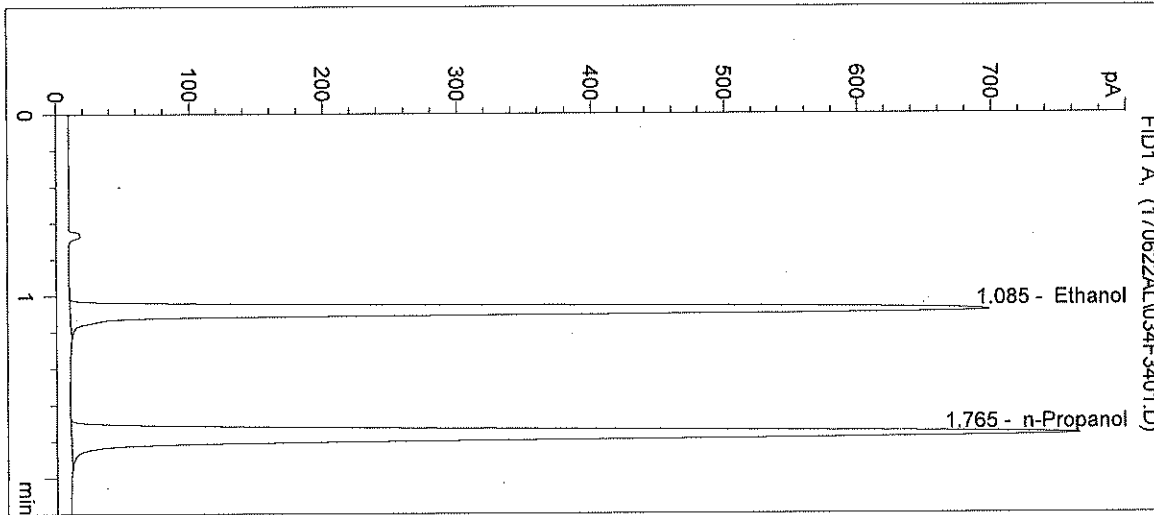
Operator: asa louis

Column: DB-ALC1

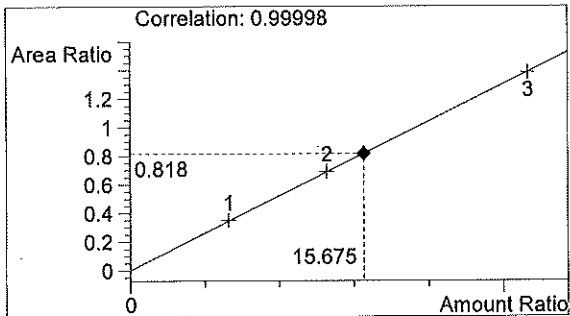
Location: Vial 34

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

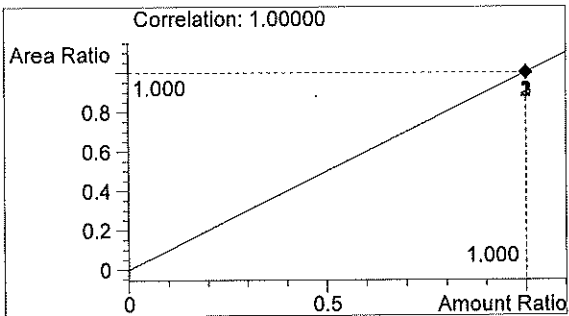
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2311	1.085
2	n-Propanol	2825	1.765



Ethanol 0.188 g/100mL *AS*



n-Propanol 0.012 g/100mL

*AS*

Inj. Date: 6/22/2017 11:37:51 AM

Sample Name: gap 17048 #5

Instrument: HSGC#1

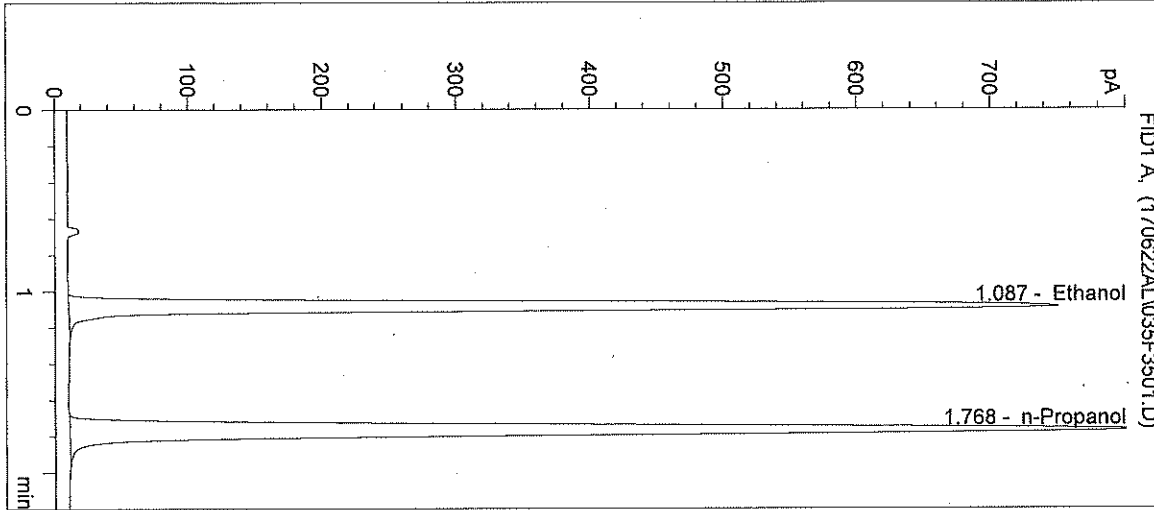
Operator: asa louis

Column: DB-ALC1

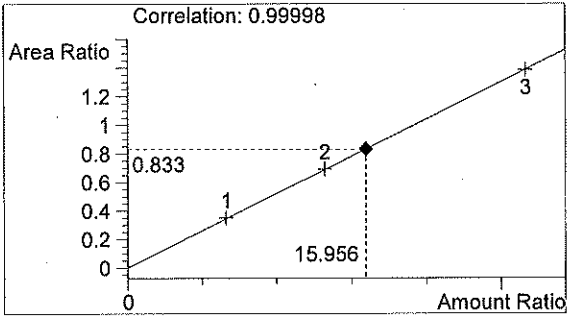
Location: Vial 35

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

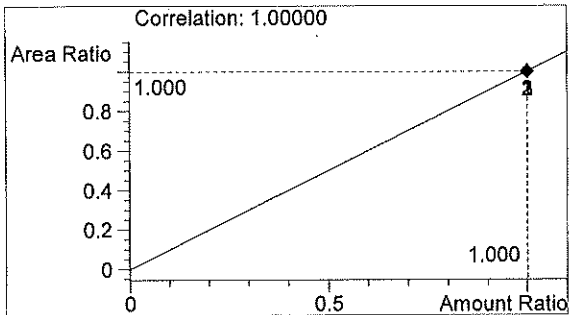
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2508	1.087
2	n-Propanol	3012	1.768



Ethanol 0.191 g/100mL *PK*



n-Propanol 0.012 g/100mL

*α*

Inj. Date: 6/22/2017 11:41:04 AM

Sample Name: 0.10 ctrl - al

Instrument: HSGC#1

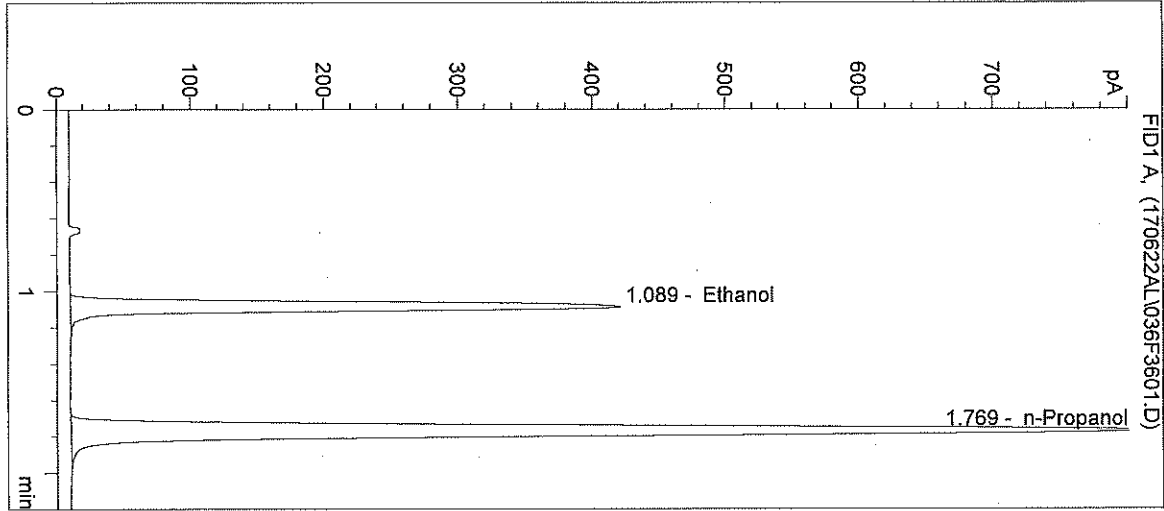
Operator: asa louis

Column: DB-ALC1

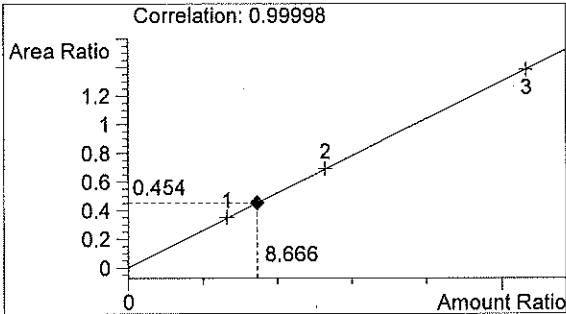
Location: Vial 36

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

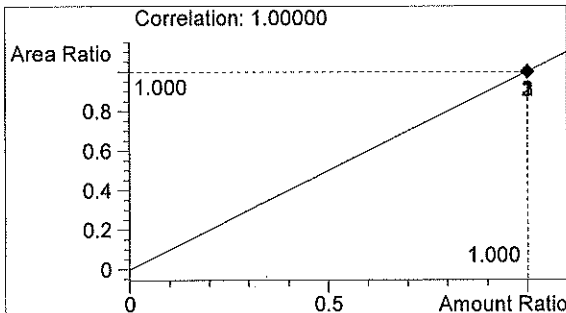
Sample Info: gap 17048



#	Compound	Peak Area	RT (min)
1	Ethanol	1399	1.089
2	n-Propanol	3080	1.769



Ethanol 0.104 g/100mL *PM*



n-Propanol 0.012 g/100mL



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

Inj. Date: 6/22/2017 11:44:18 AM

Sample Name: neg ctrl - al

Instrument: HSGC#1

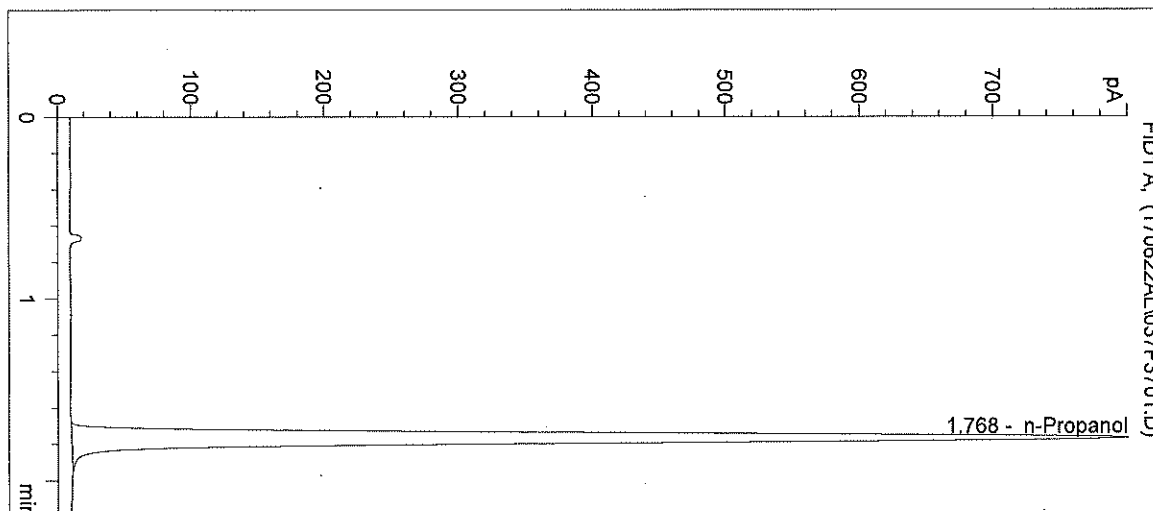
Operator: asa louis

Column: DB-ALCl

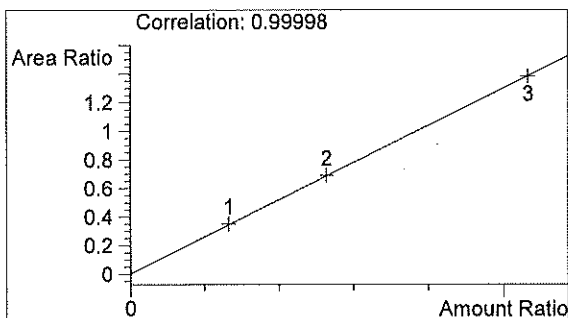
Location: Vial 37

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

Sample Info: qap 17048

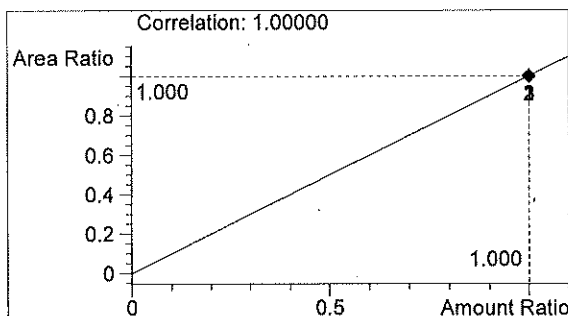


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2994	1.768



Ethanol 0.000 g/100mL

*PA*



n-Propanol 0.012 g/100mL

*AL*

Sequence Parameters:

Operator: Elizabeth Wehner  
 Data File Naming: Auto  
 Data Directory: C:\HPCHEM\1\DATA\  
 Data Subdirectory: 170622EW  
 Part of Methods to run: According to Runtime Checklist  
 Barcode Reader: not used  
 Shutdown Cmd/Macro: none

Sequence Comment:

Cal 1 E0217-01 exp 08/21/2017  
 Cal 2 E0217-02 exp 08/21/2017  
 Cal 3 E0217-03 exp 08/21/2017  
  
 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 P0517 exp 08/18/2016 <sup>2017</sup>  
 Cal data filed with 17045  
  
 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	qap 17045 #1	SIMALC1	1	Sample		
11	Vial 11	qap 17045 #2	SIMALC1	1	Sample		
12	Vial 12	qap 17045 #3	SIMALC1	1	Sample		
13	Vial 13	qap 17045 #4	SIMALC1	1	Sample		
14	Vial 14	qap 17045 #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	qap 17046 #1	SIMALC1	1	Sample		
18	Vial 18	qap 17046 #2	SIMALC1	1	Sample		
19	Vial 19	qap 17046 #3	SIMALC1	1	Sample		
20	Vial 20	qap 17046 #4	SIMALC1	1	Sample		
21	Vial 21	qap 17046 #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	qap 17047 #1	SIMALC1	1	Sample		
25	Vial 25	qap 17047 #2	SIMALC1	1	Sample		
26	Vial 26	qap 17047 #3	SIMALC1	1	Sample		

17048  
 BT  
 6/28/17

EW  
 EW

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	qap 17047 #4	SIMALC1	1	Sample		
28	Vial 28	qap 17047 #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	qap 17048 #1	SIMALC1	1	Sample		
32	Vial 32	qap 17048 #2	SIMALC1	1	Sample		
33	Vial 33	qap 17048 #3	SIMALC1	1	Sample		
34	Vial 34	qap 17048 #4	SIMALC1	1	Sample		
35	Vial 35	qap 17048 #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	qap 17049 #1	SIMALC1	1	Sample		
39	Vial 39	qap 17049 #2	SIMALC1	1	Sample		
40	Vial 40	qap 17049 #3	SIMALC1	1	Sample		
41	Vial 41	qap 17049 #4	SIMALC1	1	Sample		
42	Vial 42	qap 17049 #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!

17048

Bot  
6/28/19

EW

Inj. Date: 6/22/2017 5:45:40 PM

Sample Name: gap 17048 #1

Instrument: HSGC#1

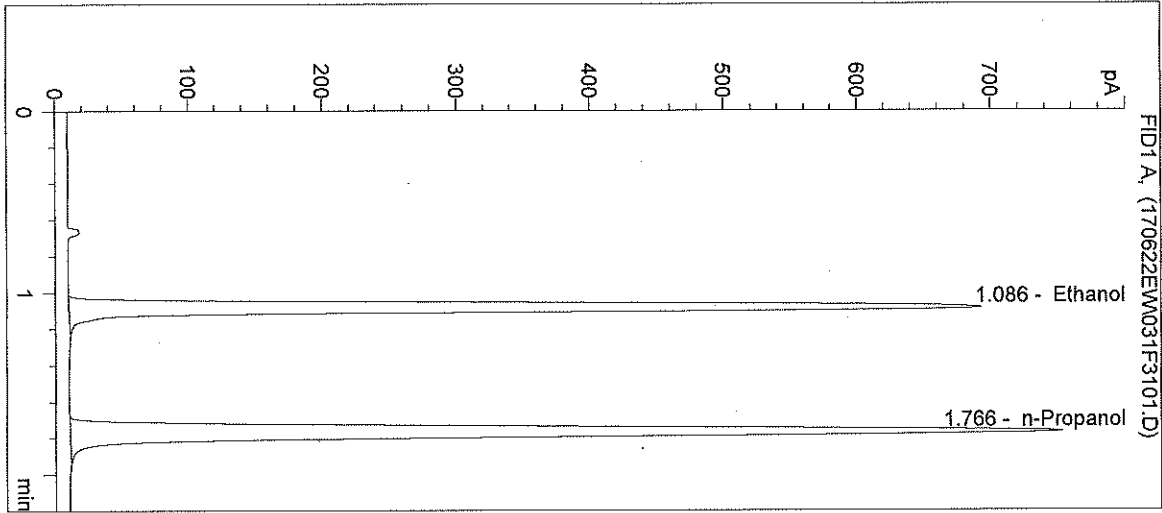
Operator: Elizabeth Wehner

Column: DB-ALC1

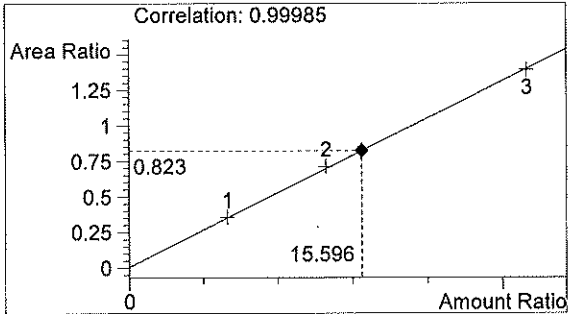
Location: Vial 31

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

Sample Info:

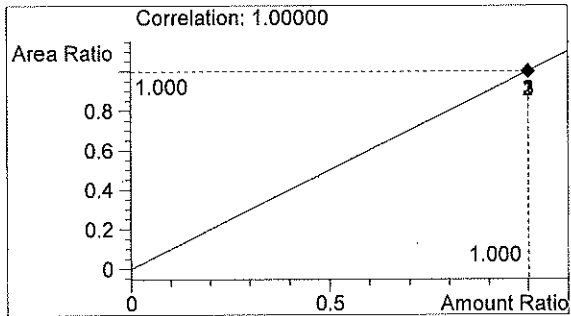


#	Compound	Peak Area	RT (min)
1	Ethanol	2288	1.086
2	n-Propanol	2782	1.766



Ethanol 0.187 g/100mL

*Box*



n-Propanol 0.012 g/100mL

*EW*

Inj. Date: 6/22/2017 5:48:53 PM

Sample Name: qap 17048 #2

Instrument: HSGC#1

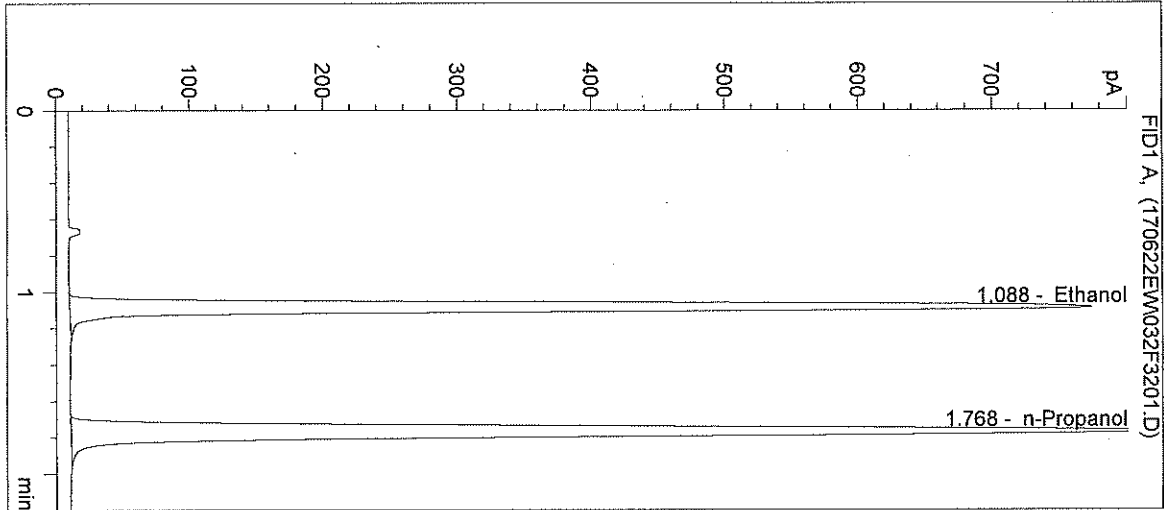
Operator: Elizabeth Wehner

Column: DB-ALC1

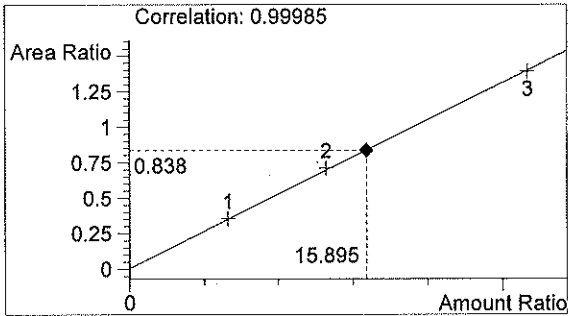
Location: Vial 32

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

Sample Info:

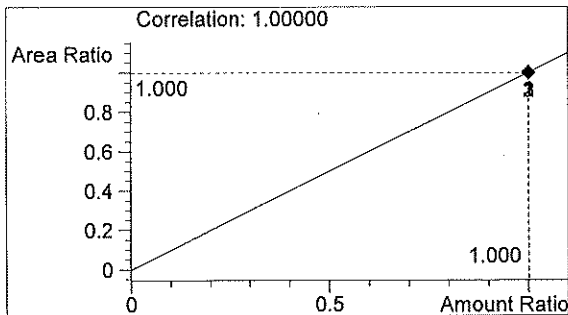


#	Compound	Peak Area	RT (min)
1	Ethanol	2586	1.088
2	n-Propanol	3086	1.768



Ethanol 0.191 g/100mL

*ms*



n-Propanol 0.012 g/100mL

*EW*

Inj. Date: 6/22/2017 5:52:06 PM

Sample Name: gap 17048 #3

Instrument: HSGC#1

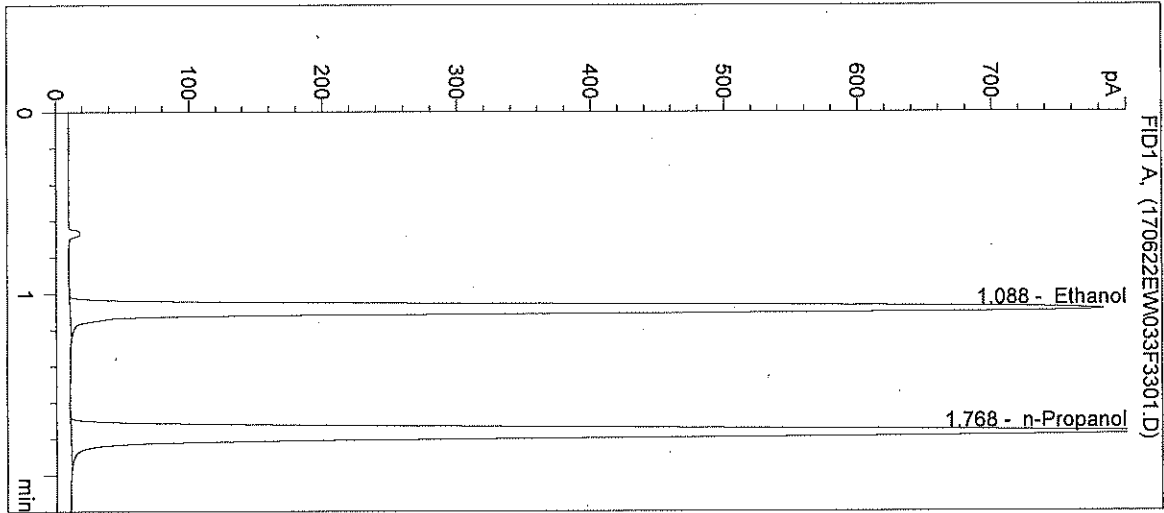
Operator: Elizabeth Wehner

Column: DB-ALC1

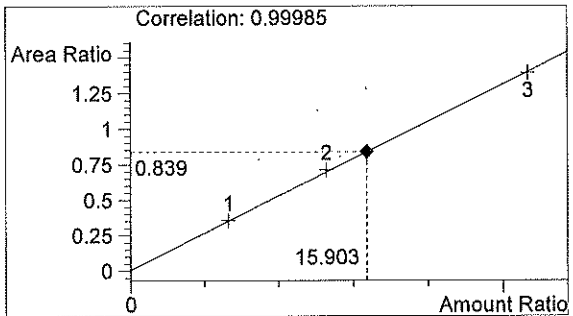
Location: Vial 33

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

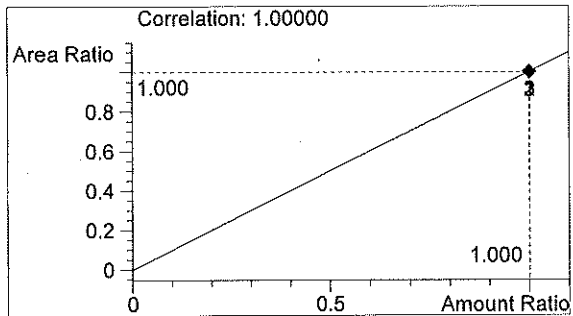
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2606	1.088
2	n-Propanol	3107	1.768



Ethanol 0.191 g/100mL *PA*



n-Propanol 0.012 g/100mL

*EW*

Inj. Date: 6/22/2017 5:55:20 PM

Sample Name: qap 17048 #4

Instrument: HSGC#1

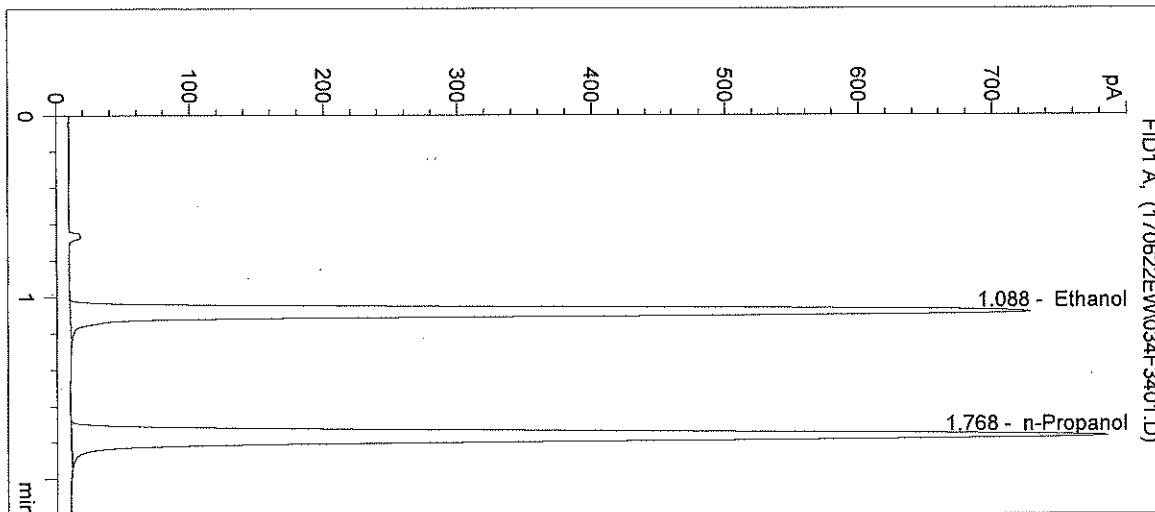
Operator: Elizabeth Wehner

Column: DB-ALC1

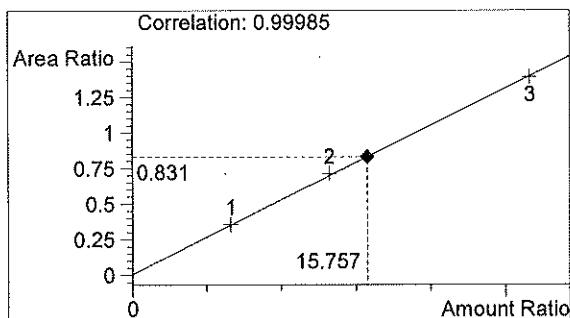
Location: Vial 34

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

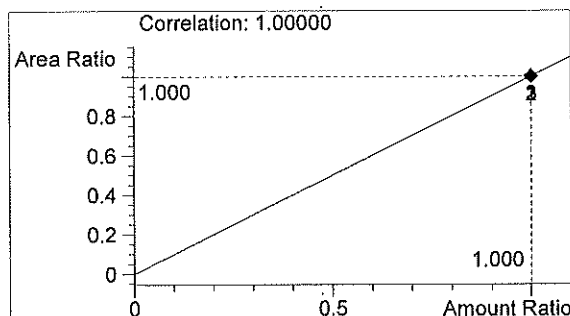
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2421	1.088
2	n-Propanol	2913	1.768



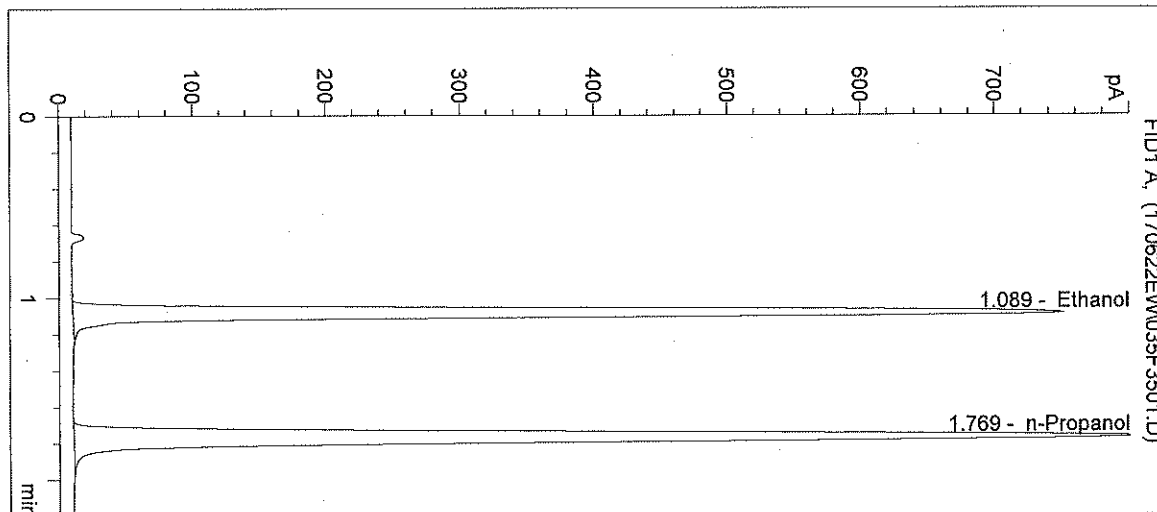
Ethanol 0.189 g/100mL *EW*



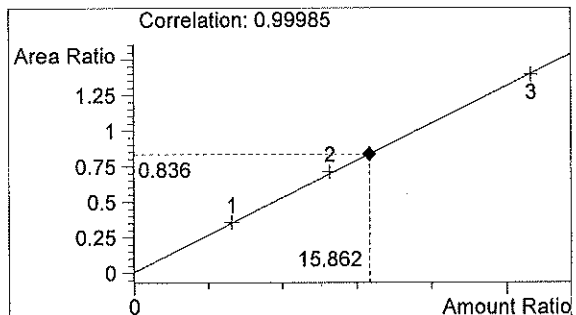
n-Propanol 0.012 g/100mL

*EW*

Inj. Date: 6/22/2017 5:58:33 PM      Sample Name: gap 17048 #5  
 Instrument: HSGC#1      Operator: Elizabeth Wehner  
 Column: DB-ALCl      Location: Vial 35  
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M  
 Sample Info:

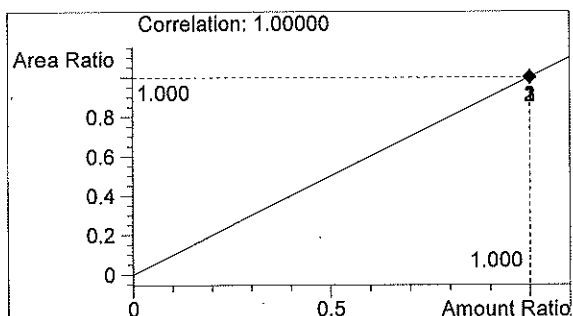


#	Compound	Peak Area	RT (min)
1	Ethanol	2510	1.089
2	n-Propanol	3001	1.769



Ethanol      0.190 g/100mL

*PT*



n-Propanol      0.012 g/100mL

*EW*



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

Inj. Date: 6/22/2017 6:01:46 PM

Sample Name: 0.10 ctrl

Instrument: HSGC#1

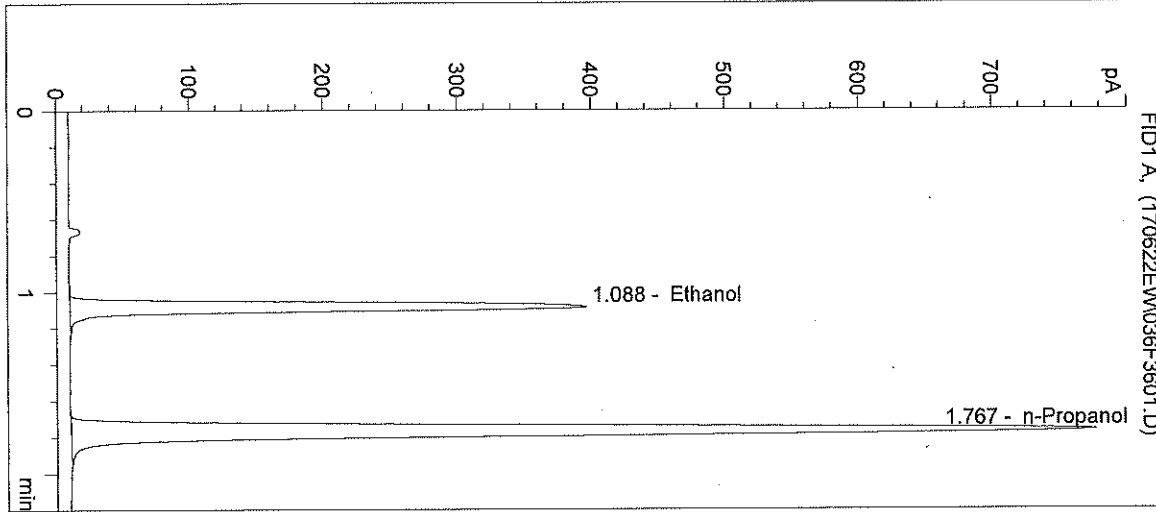
Operator: Elizabeth Wehner

Column: DB-ALC1

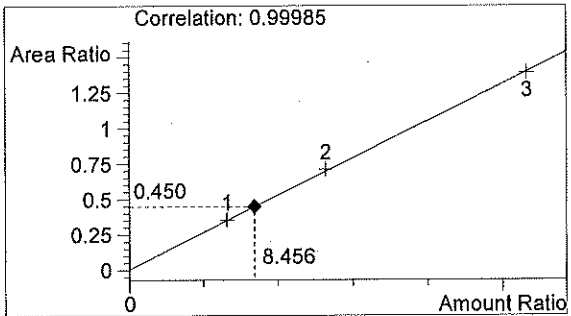
Location: Vial 36

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

Sample Info: qap 17048

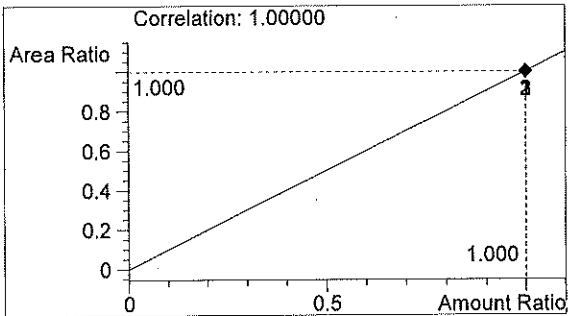


#	Compound	Peak Area	RT (min)
1	Ethanol	1296	1.088
2	n-Propanol	2881	1.767



Ethanol 0.101 g/100mL

*MS*



n-Propanol 0.012 g/100mL

*EW*

Inj. Date: 6/22/2017 6:05:00 PM

Sample Name: neg ctrl

Instrument: HSGC#1

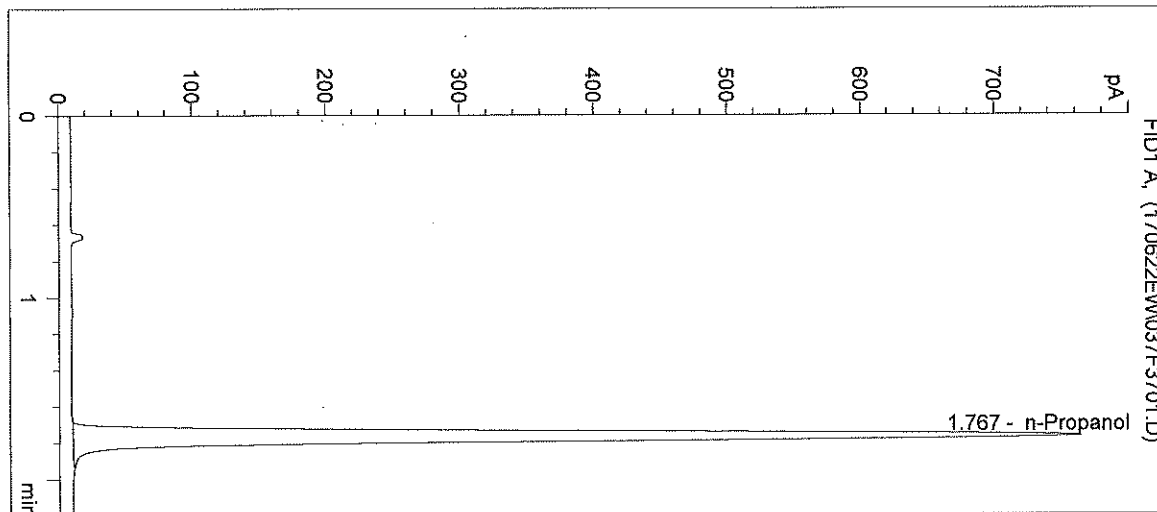
Operator: Elizabeth Wehner

Column: DB-ALC1

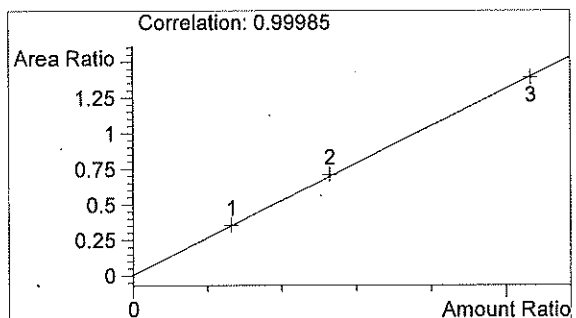
Location: Vial 37

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

Sample Info: gap 17048

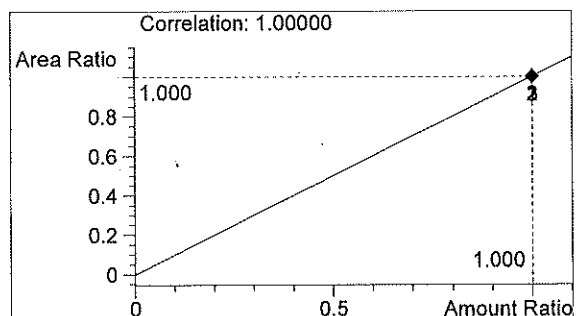


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2827	1.767



Ethanol 0.000 g/100mL

*PA*



n-Propanol 0.012 g/100mL

*EW*

Sequence Parameters:

Operator: Andrew Gingras  
 Data File Naming: Auto  
 Data Directory: C:\HPCHEM\1\DATA\  
 Data Subdirectory: 170627A2  
 Part of Methods to run: According to Runtime Checklist  
 Barcode Reader: not used  
 Shutdown Cmd/Macro: none

Sequence Comment:

cal 1 e0217-01 exp 08/21/2017  
 cal 2 e0217-02 exp 08/21/2017  
 cal 3 e0217-03 exp 08/21/2017  
 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 p0517 exp 08/18/2016

cal data in gap 17045  
 diluter #2

*2017 AG 8/18/17*  
*AG 7/15/17*

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	SIMALC1	1	Sample		
2	Vial 2	0.079 cal 1	SIMALC1	1	Calib		
3	Vial 3	0.158 cal 2	SIMALC1	1	Calib		
4	Vial 4	0.316 cal 3	SIMALC1	1	Calib		
5	Vial 5	neg ctrl	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 ctrl	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 ctrl	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 ctrl	SIMALC1	1	Ctrl Samp		
9	Vial 9	neg ctrl	SIMALC1	1	Ctrl Samp		
10	Vial 10	gap 17045 #1	SIMALC1	1	Sample		
11	Vial 11	gap 17045 #2	SIMALC1	1	Sample		
12	Vial 12	gap 17045 #3	SIMALC1	1	Sample		
13	Vial 13	gap 17045 #4	SIMALC1	1	Sample		
14	Vial 14	gap 17045 #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	gap 17046 #1	SIMALC1	1	Sample		
18	Vial 18	gap 17046 #2	SIMALC1	1	Sample		
19	Vial 19	gap 17046 #3	SIMALC1	1	Sample		
20	Vial 20	gap 17046 #4	SIMALC1	1	Sample		
21	Vial 21	gap 17046 #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	gap 17047 #1	SIMALC1	1	Sample		
25	Vial 25	gap 17047 #2	SIMALC1	1	Sample		
26	Vial 26	gap 17047 #3	SIMALC1	1	Sample		
27	Vial 27	gap 17047 #4	SIMALC1	1	Sample		
28	Vial 28	gap 17047 #5	SIMALC1	1	Sample		
29	Vial 29	0.10 ctrl	SIMALC1	1	Ctrl Samp		

17048  
 DT  
 6/25/17

*AG*

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
30	Vial 30	neg ctrl	SIMALC1	1	Ctrl Samp		
31	Vial 31	qap 17048 #1	SIMALC1	1	Sample		
32	Vial 32	qap 17048 #2	SIMALC1	1	Sample		
33	Vial 33	qap 17048 #3	SIMALC1	1	Sample		
34	Vial 34	qap 17048 #4	SIMALC1	1	Sample		
35	Vial 35	qap 17048 #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	qap 17049 #1	SIMALC1	1	Sample		
39	Vial 39	qap 17049 #2	SIMALC1	1	Sample		
40	Vial 40	qap 17049 #3	SIMALC1	1	Sample		
41	Vial 41	qap 17049 #4	SIMALC1	1	Sample		
42	Vial 42	qap 17049 #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!

17048  
BT  
6/28/17

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

Inj. Date: 6/27/2017 10:20:27 AM

Sample Name: gap 17048 #1

Instrument: HSGC#1

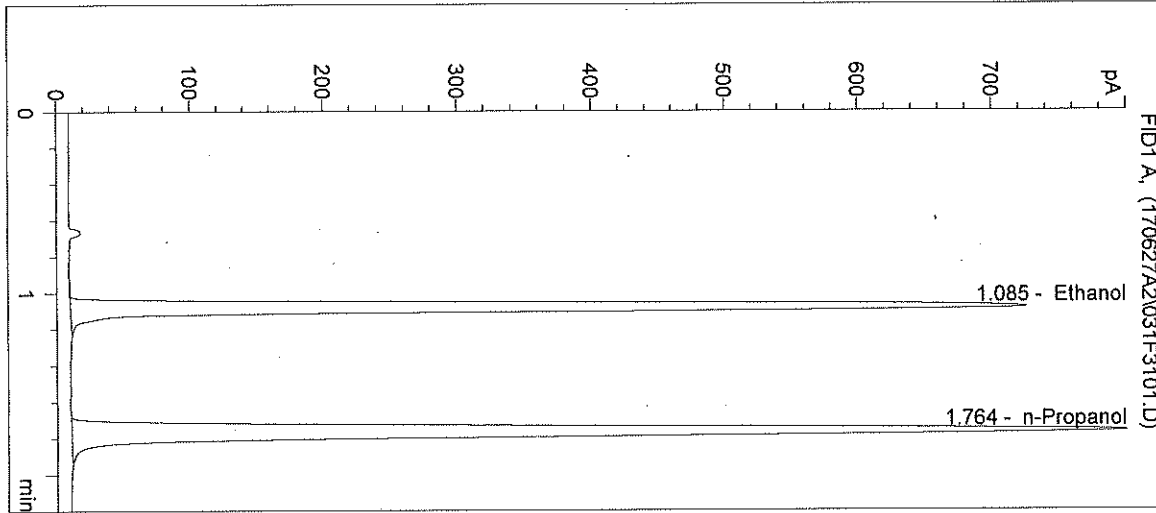
Operator: Andrew Gingras

Column: DB-ALC1

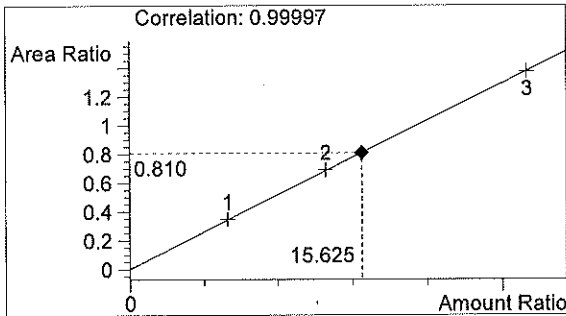
Location: Vial 31

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

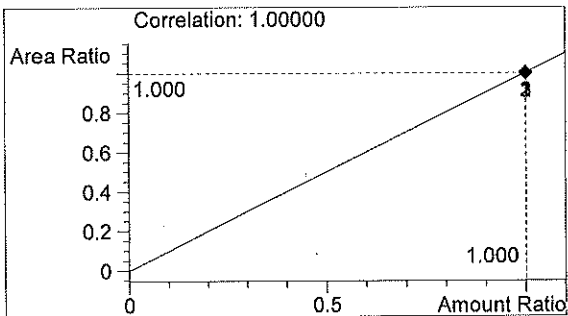
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	2391	1.085
2	n-Propanol	2952	1.764



Ethanol 0.188 g/100mL *MA*



n-Propanol 0.012 g/100mL

Inj. Date: 6/27/2017 10:23:40 AM

Sample Name: qap 17048 #2

Instrument: HSGC#1

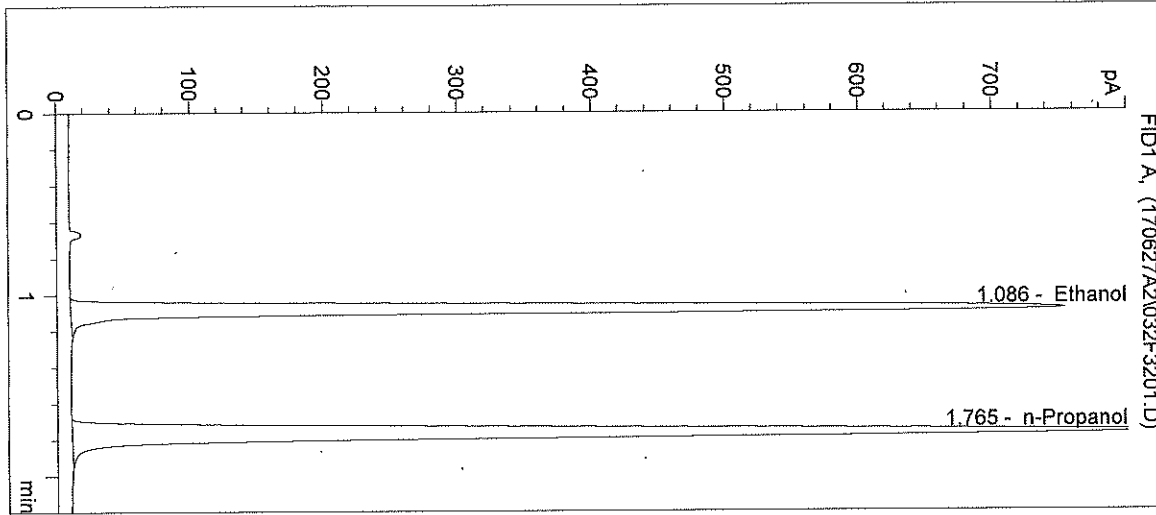
Operator: Andrew Gingras

Column: DB-ALC1

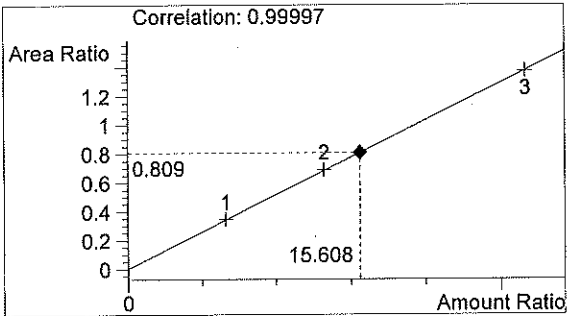
Location: Vial 32

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

Sample Info:

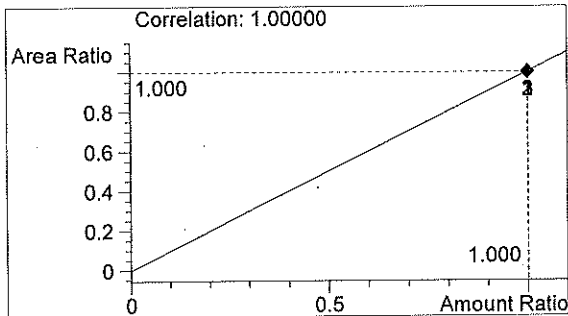


#	Compound	Peak Area	RT (min)
1	Ethanol	2483	1.086
2	n-Propanol	3069	1.765



Ethanol 0.187 g/100mL

*MA*



n-Propanol 0.012 g/100mL

*gc*

Inj. Date: 6/27/2017 10:26:52 AM

Sample Name: gap 17048 #3

Instrument: HSGC#1

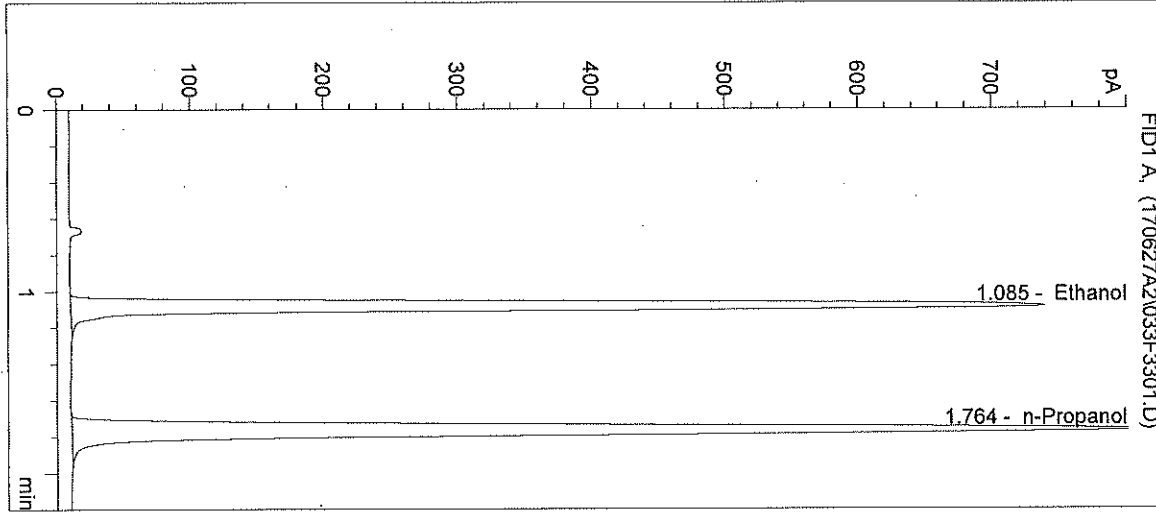
Operator: Andrew Gingras

Column: DB-ALC1

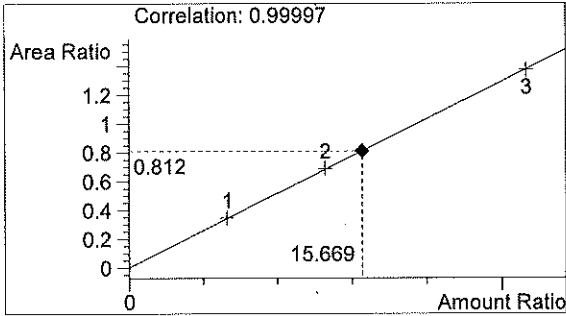
Location: Vial 33

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

Sample Info:

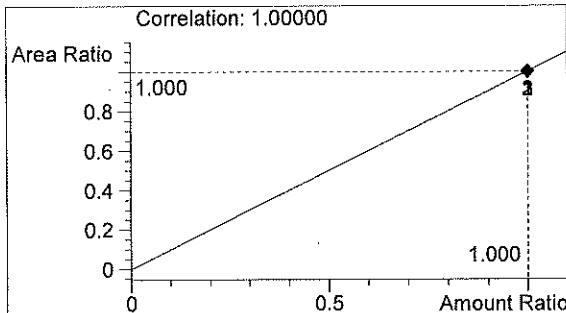


#	Compound	Peak Area	RT (min)
1	Ethanol	2434	1.085
2	n-Propanol	2997	1.764



Ethanol 0.188 g/100mL

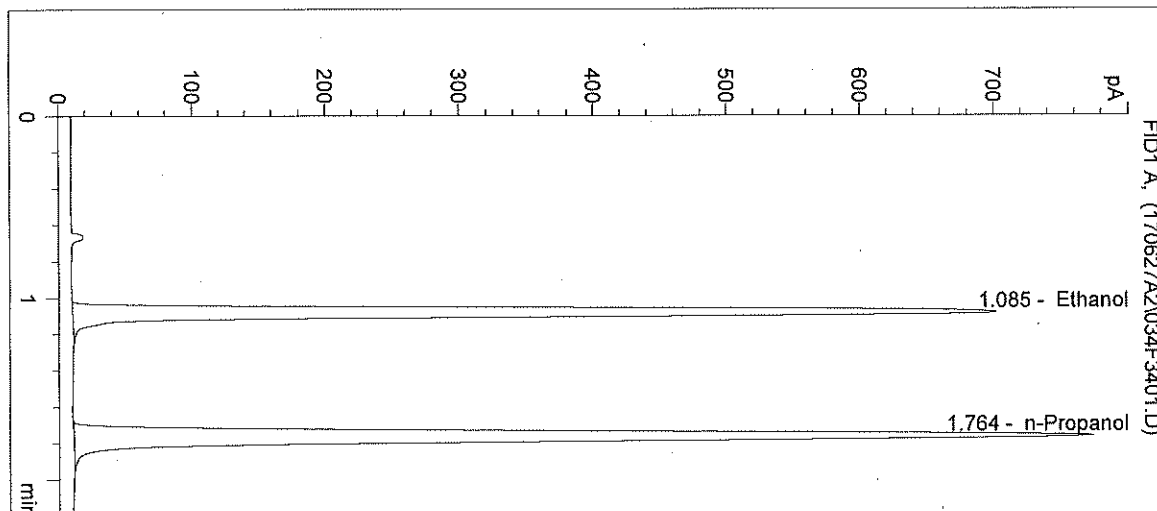
*mt*



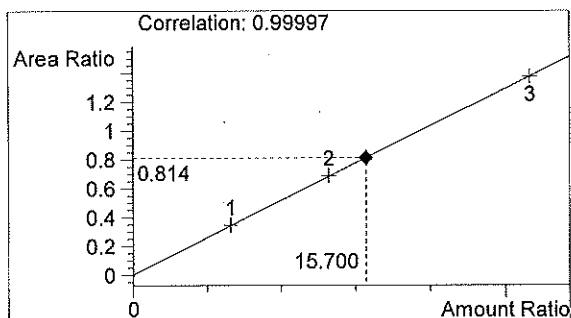
n-Propanol 0.012 g/100mL

*Handwritten signature*

Inj. Date: 6/27/2017 10:30:05 AM      Sample Name: gap 17048 #4  
 Instrument: HSGC#1      Operator: Andrew Gingras  
 Column: DB-ALC1      Location: Vial 34  
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M  
 Sample Info:

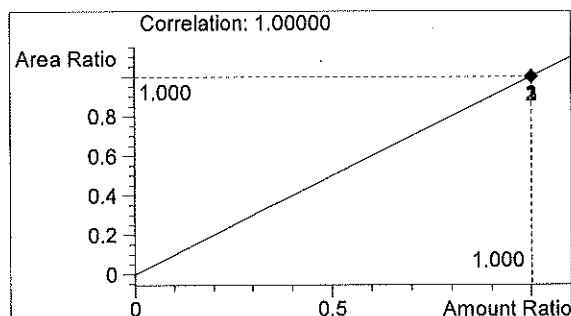


#	Compound	Peak Area	RT (min)
1	Ethanol	2319	1.085
2	n-Propanol	2850	1.764



Ethanol      0.188 g/100mL

*pat*



n-Propanol      0.012 g/100mL

*AG*



Inj. Date: 6/27/2017 10:33:18 AM

Sample Name: gap 17048 #5

Instrument: HSGC#1

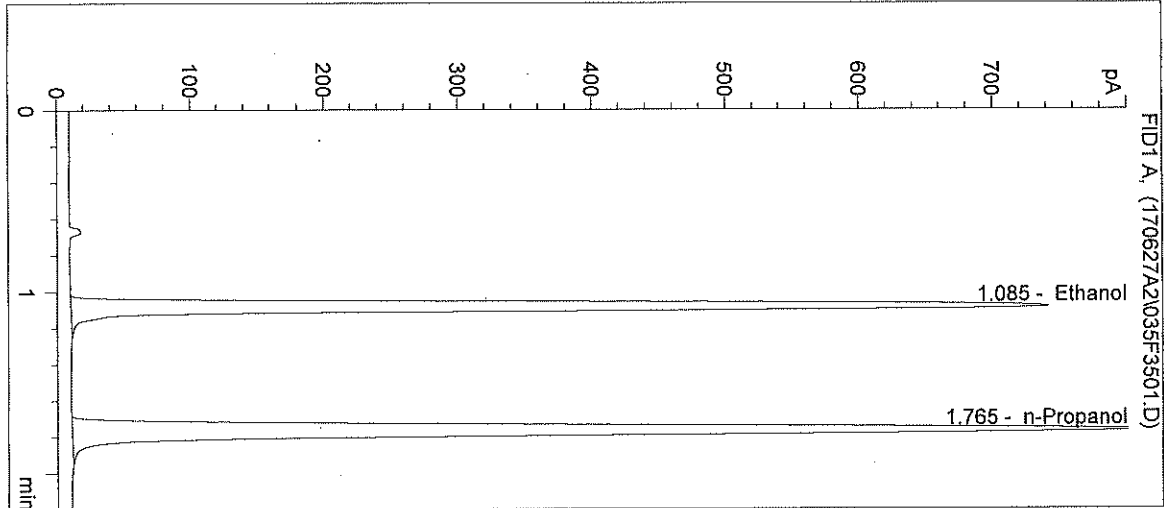
Operator: Andrew Gingras

Column: DB-ALC1

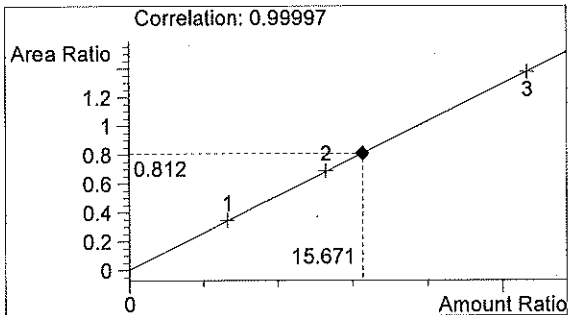
Location: Vial 35

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

Sample Info:

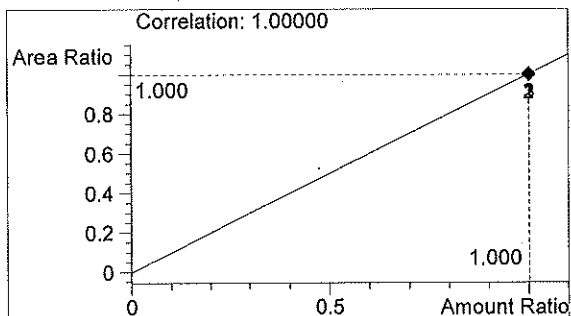


#	Compound	Peak Area	RT (min)
1	Ethanol	2442	1.085
2	n-Propanol	3006	1.765



Ethanol 0.188 g/100mL

*Pat*



n-Propanol 0.012 g/100mL

*AG*

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

Inj. Date: 6/27/2017 10:36:31 AM

Sample Name: 0.10 ctrl

Instrument: HSGC#1

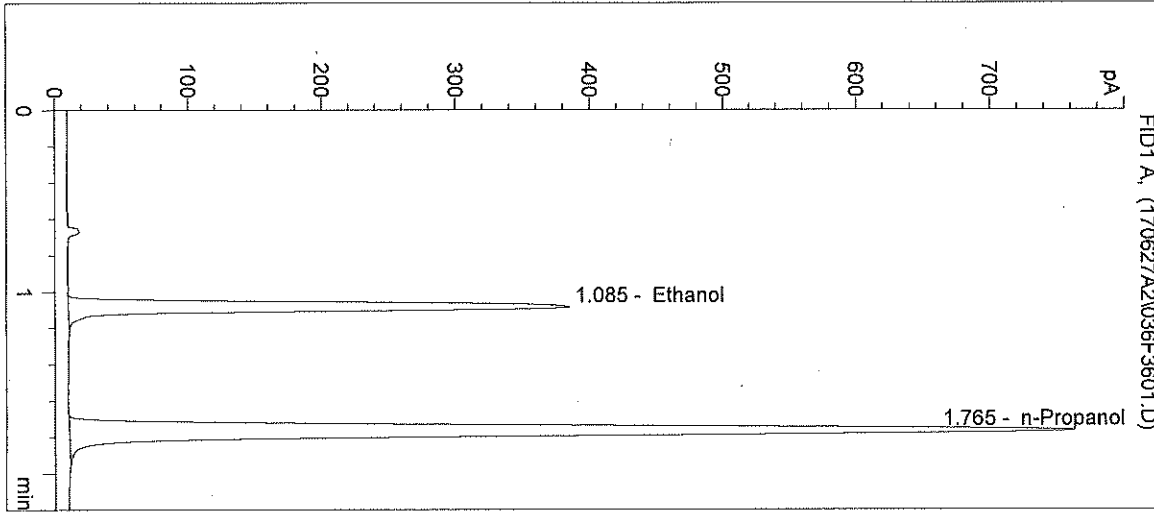
Operator: Andrew Gingras

Column: DB-ALC1

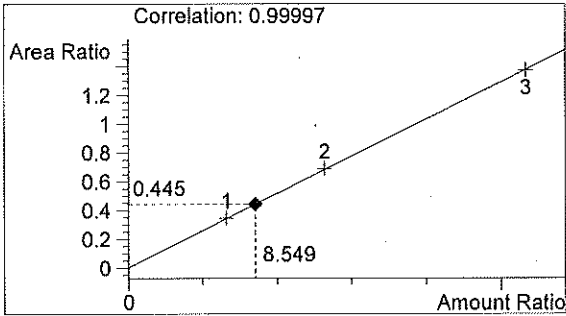
Location: Vial 36

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

Sample Info: qap 17048

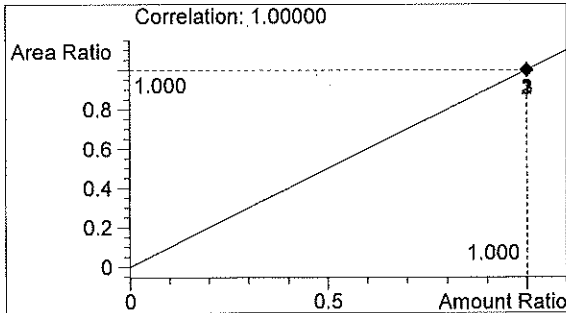


#	Compound	Peak Area	RT (min)
1	Ethanol	1254	1.085
2	n-Propanol	2816	1.765



Ethanol 0.103 g/100mL

*Handwritten mark*



n-Propanol 0.012 g/100mL

*Handwritten signature*

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

Inj. Date: 6/27/2017 10:39:45 AM

Sample Name: neg ctrl

Instrument: HSGC#1

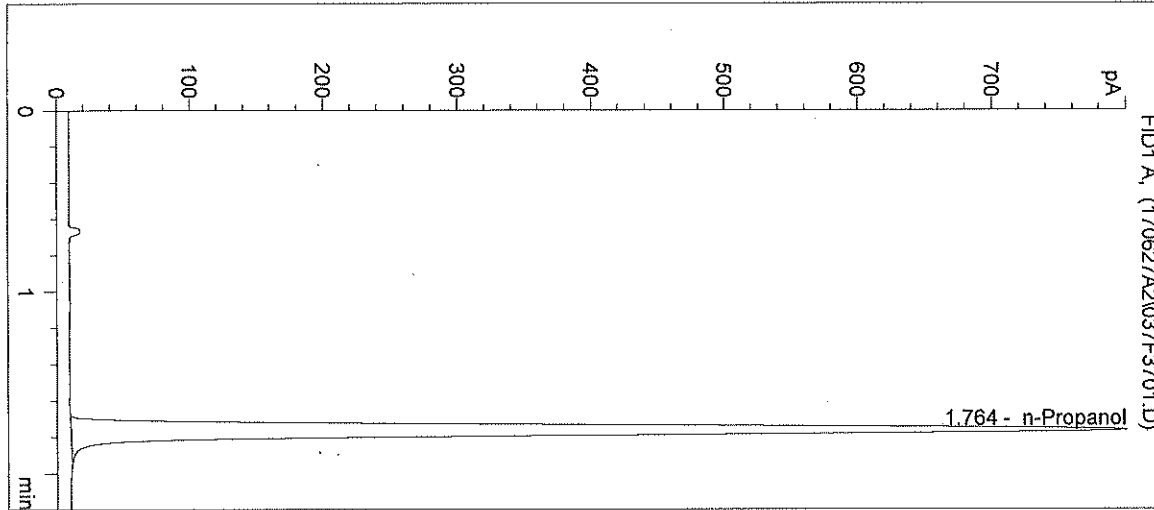
Operator: Andrew Gingras

Column: DB-ALC1

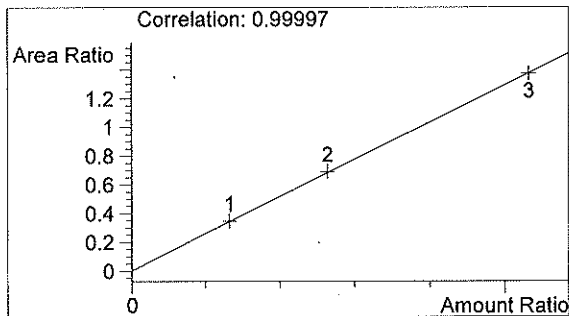
Location: Vial 37

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

Sample Info: gap 17048

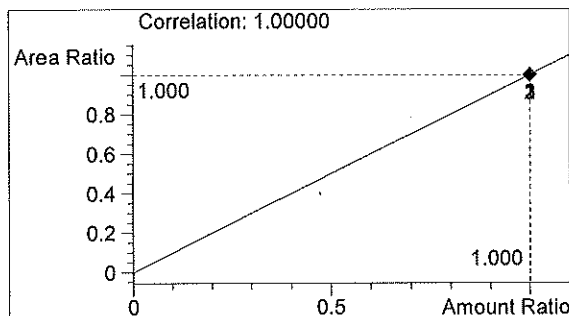


#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2958	1.764



Ethanol 0.000 g/100mL

*Handwritten mark*



n-Propanol 0.012 g/100mL

*Handwritten signature*