



QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

BATCH REPORT: 16025

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: 0.10 g/210L
DATE PREPARED: 06/27/2016
BATCH UNITS: g/100mL

IDENTITY: QAP Solution
PREPARED BY: Asa J. Louis

	AJL	AG	JLK
1	0.126	0.125	0.125
2	0.126	0.126	0.125
3	0.126	0.125	0.124
4	0.126	0.124	0.125
5	0.127	0.124	0.125
C	0.101	0.100	0.101

ETHANOL CONTROL INFORMATION

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

RESULTS OF TESTING

AVERAGE SOLUTION CONCENTRATION: 0.1253 g/100mL PRECISION CV (%): 0.71
STANDARD DEVIATION: 0.00088 NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.1018 g/210L**
EXPANDED UNCERTAINTY: ± 0.0022 (k=2, 95.45% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

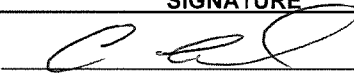

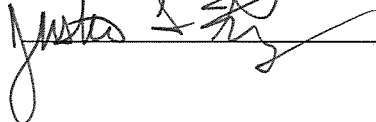


Lisa Noble Forensic Scientist Supervisor

7/29/16

DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
AJL	Asa J. Louis		06/27/2016
AG	Andrew Gingras		06/28/2016
JLK	Justin L. Knoy		06/30/2016

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

QAP Solution Batch #: 16025

Date Prepared: 6/27/2016

Analyst: AJL AG JLK
Date Tested: 6/27/2016 6/28/2016 6/30/2016
Instrument: HSGC #1 HSGC #1 HSGC #1

1	0.126	0.125	0.125
2	0.126	0.126	0.125
3	0.126	0.125	0.124
4	0.126	0.124	0.125
5	0.127	0.124	0.125
C	0.101	0.100	0.101

CV^2_{COA}	$CV^2_{QAP\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000033179	0.0000109644	0.0001016326

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

Average Solution Concentration: 0.1253 g/100mL
Standard Deviation: 0.00088 g/100mL
Precision CV (%): 0.71
Equivalent Vapor Concentration: 0.1018 g/210L
Combined Standard Uncertainty (\pm): 0.0011 g/210L
Expanded Uncertainty (\pm): 0.0022 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Lisa Noble [Signature] 7/6/16
Name Signature Date

Calculations verified by: Amanda M. Black [Signature] 7-28-16 Method: Hand calculation
Name Signature Date

Tech. review performed by: Lisa Noble [Signature] 7/6/16
Name Signature Date

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda H. Black Date: 7-28-16

Location: WSP-FLSB Seattle, WA Solution Batch Number: 16025

	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: 7-28-16



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>	7/7/16
Asa Louis	<i>AL</i>	20160706
Brittany Thomas		
Christie Mitchell-Mata		
Christopher Johnston		
David Nguyen		
Dawn Sklerov		
Elizabeth Wehner		
Justin Knoy	<i>JK</i>	7.7.16
Katie Harris		
Lyndsey Lowe		
Naziha Nuwayhid		
Rebecca Flaherty		

Batch # 16025 pn71616

[Handwritten signature]

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

**0.10 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 16025**

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 and over ten years of toxicology experience.

The quality assurance procedure (QAP) solution, Lot Number 16025, was prepared in the Washington State Toxicology Laboratory on 6/27/2016. 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 6/27/2017.

Seattle, WA

 20160706

Asa J. Louis

Date

Forensic Scientist

JAY INSLEE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

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**0.10 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 16025**

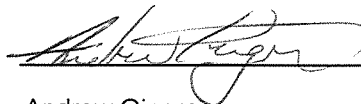
I, Andrew Gingras, do certify under penalty of perjury that:

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 16025, was prepared in the Washington State Toxicology Laboratory on 6/27/2016. 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 6/27/2017.

Seattle, WA

 July 7, 2016

Andrew Gingras
Forensic Scientist

Date



JAY INSLEE
Governor



JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY

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**0.10 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION
CERTIFICATION FOR LOT 16025**

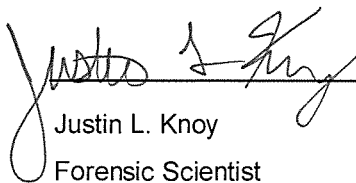
I, Justin L. Knoy, do certify under penalty of perjury that:

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, and MS degree in Forensic Science.

The quality assurance procedure (QAP) solution, Lot Number 16025, was prepared in the Washington State Toxicology Laboratory on 6/27/2016. 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 6/27/2017.

Seattle, WA

 7.7.16
Justin L. Knoy Date
Forensic Scientist

WSP-TLD COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET

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

Preparation Date: 20160627 Expiration Date: 20170627 Initials of Preparer: AK

Lot # of 200-proof Ethanol used in preparation: 2DK 0010

Date the 200-proof Ethanol bottle was opened: 20160608

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:

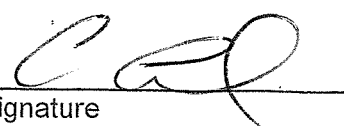
Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	<input checked="" type="checkbox"/>	<u>16023</u>
QAP 0.08	22.4	18	<input checked="" type="checkbox"/>	<u>16024</u> (12.4 mL) or <u>20160627</u>
QAP 0.10	28.1	18	<input checked="" type="checkbox"/>	<u>16025</u>
QAP 0.15	42.1	18	<input checked="" type="checkbox"/>	<u>16026</u>
QAP 0.20	56.1	18	<input checked="" type="checkbox"/>	<u>16027</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

20160627
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: QAP 16024 discarded - incorrect volume of EtOH used


Analyst Signature

20160627
Date

Sequence Parameters:

Operator: asa louis
 Data File Naming: Auto
 Data Directory: C:\HPCHEM\1\DATA\
 Data Subdirectory: 160627AL
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

cal 1 e0416-01 exp 10/01/2016
 cal 2 e0416-02 exp 10/01/2016
 cal 3 e0416-03 exp 10/01/2016 *FN05011301 AL 20160628*
 0.04 control - lot ~~fn15011301~~ exp 05/2018
 0.10 control - lot fn08051301 exp 10/2018
 0.20 control - lot fn03211401 exp 06/2019
 istd p0516 exp 08/31/2016

 cal data in qap 16023

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	qap 16023 #1	SIMALC1	1	Sample		
11	Vial 11	qap 16023 #2	SIMALC1	1	Sample		
12	Vial 12	qap 16023 #3	SIMALC1	1	Sample		
13	Vial 13	qap 16023 #4	SIMALC1	1	Sample		
14	Vial 14	qap 16023 #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	qap 16024 #1	SIMALC1	1	Sample		
18	Vial 18	qap 16024 #2	SIMALC1	1	Sample		
19	Vial 19	qap 16024 #3	SIMALC1	1	Sample		
20	Vial 20	qap 16024 #4	SIMALC1	1	Sample		
21	Vial 21	qap 16024 #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	qap 16025 #1	SIMALC1	1	Sample		
25	Vial 25	qap 16025 #2	SIMALC1	1	Sample		
26	Vial 26	qap 16025 #3	SIMALC1	1	Sample		
27	Vial 27	qap 16025 #4	SIMALC1	1	Sample		
28	Vial 28	qap 16025 #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		

16025
Ln 7/6/16

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Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
31	Vial 31	qap 16026 #1	SIMALC1	1	Sample		
32	Vial 32	qap 16026 #2	SIMALC1	1	Sample		
33	Vial 33	qap 16026 #3	SIMALC1	1	Sample		
34	Vial 34	qap 16026 #4	SIMALC1	1	Sample		
35	Vial 35	qap 16026 #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 16027 #1	SIMALC1	1	Sample		
39	Vial 39	qap 16027 #2	SIMALC1	1	Sample		
40	Vial 40	qap 16027 #3	SIMALC1	1	Sample		
41	Vial 41	qap 16027 #4	SIMALC1	1	Sample		
42	Vial 42	qap 16027 #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!

16025

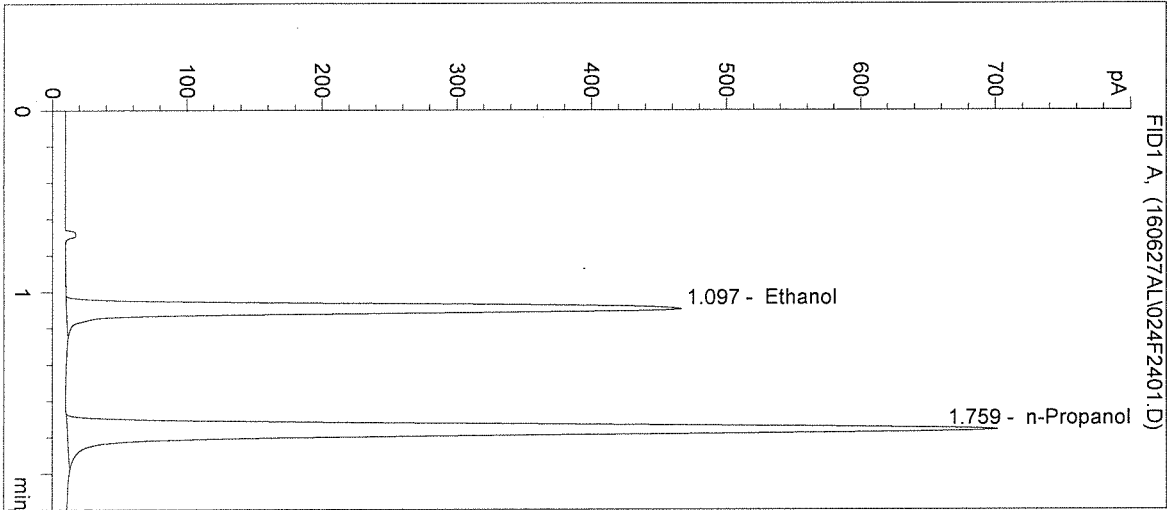
for 7/6/16

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 2203 Airport Way S Seattle, WA 98134

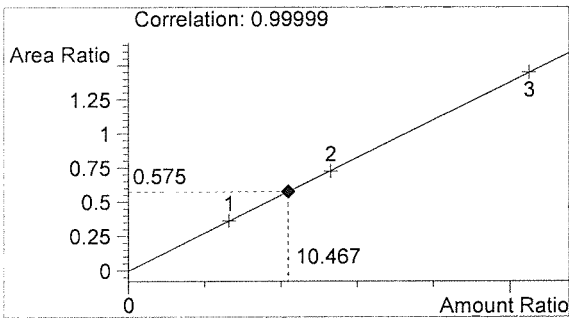
Inj. Date: 6/27/2016 11:32:21 AM
 Instrument: HSGC#1
 Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: gap 16025 #1
 Operator: asa louis
 Location: Vial 24

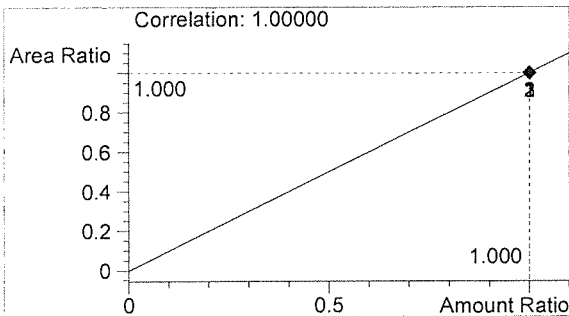
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1590	1.097
2	n-Propanol	2765	1.759



Ethanol 0.126 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

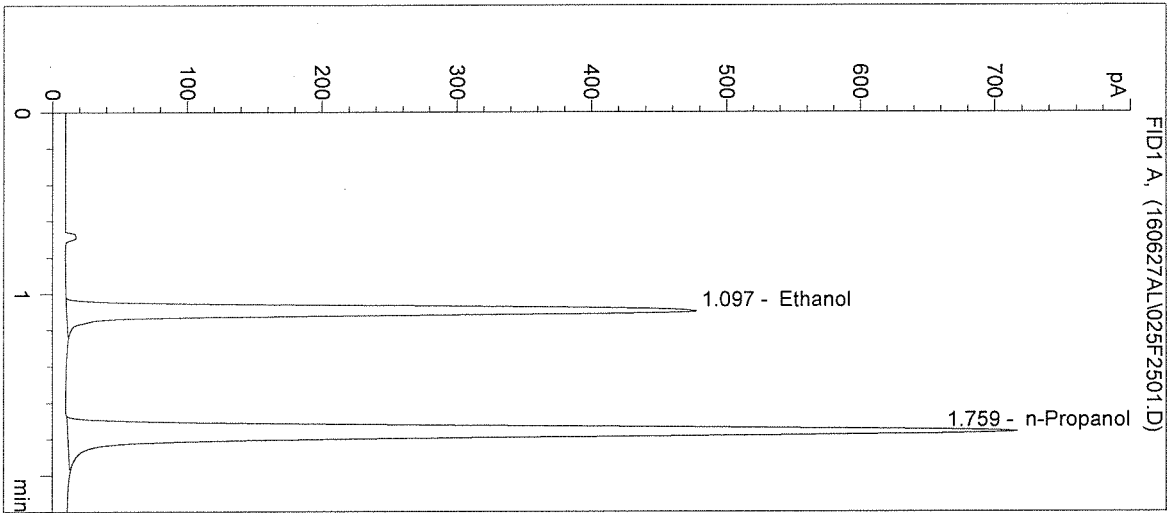
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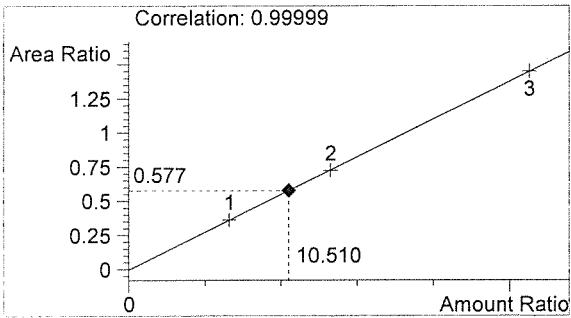
Inj. Date: 6/27/2016 11:35:34 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: gap 16025 #2
Operator: asa louis
Location: Vial 25

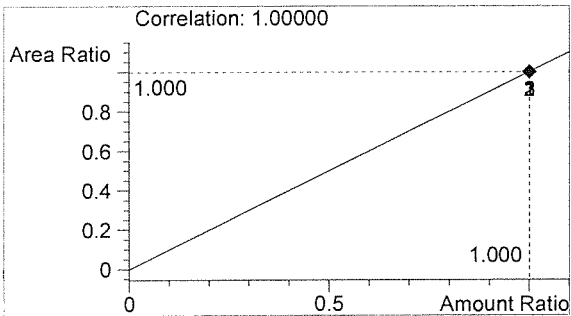
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1634	1.097
2	n-Propanol	2830	1.759



Ethanol 0.126 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

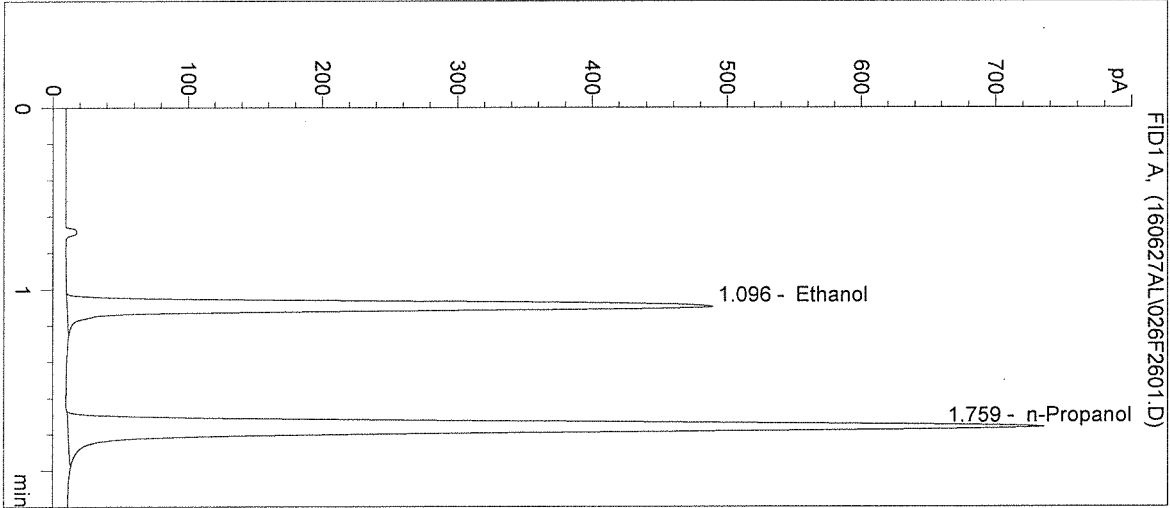
Handwritten initials

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2203 Airport Way S Seattle, WA 98134

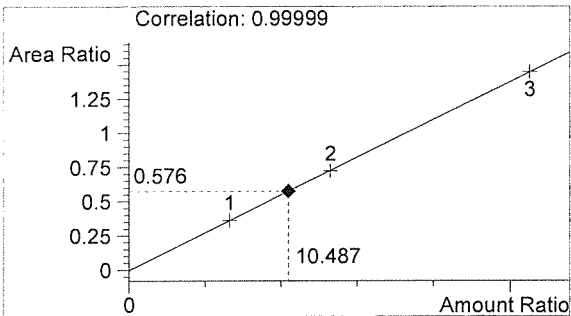
Inj. Date: 6/27/2016 11:38:47 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: gap 16025 #3
Operator: asa louis
Location: Vial 26

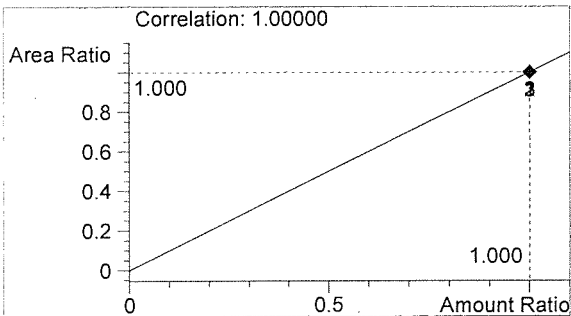
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1668	1.096
2	n-Propanol	2896	1.759



Ethanol 0.126 g/100mL



n-Propanol 0.012 g/100mL

Handwritten signature

Handwritten mark

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Inj. Date: 6/27/2016 11:42:00 AM

Sample Name: gap 16025 #4

Instrument: HSGC#1

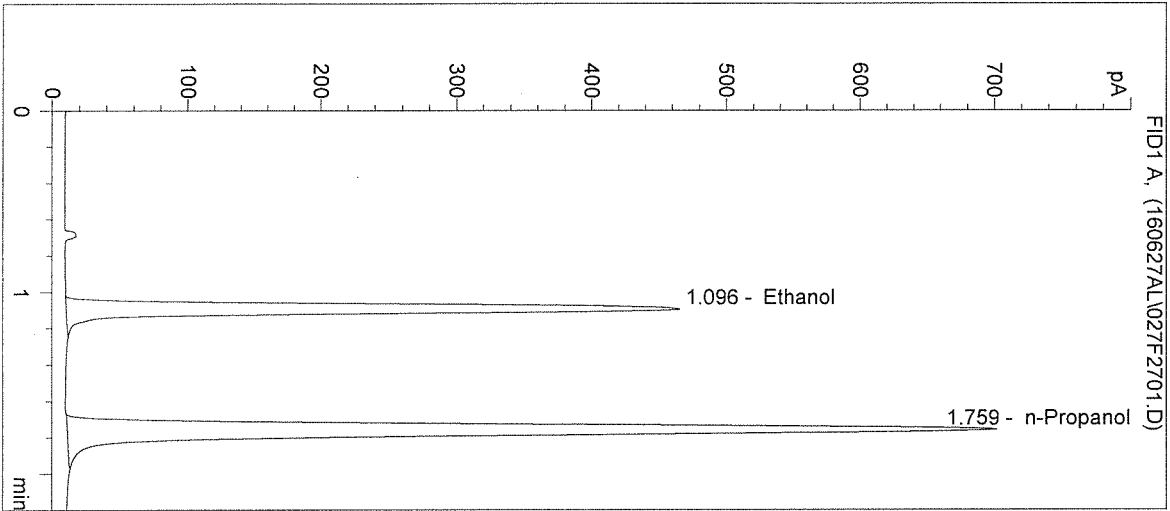
Operator: asa louis

Column: DB-ALC1

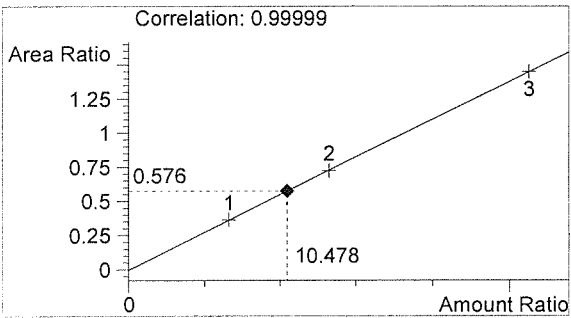
Location: Vial 27

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

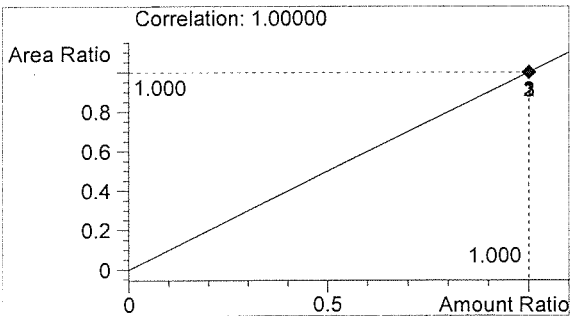
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1590	1.096
2	n-Propanol	2763	1.759



Ethanol 0.126 g/100mL



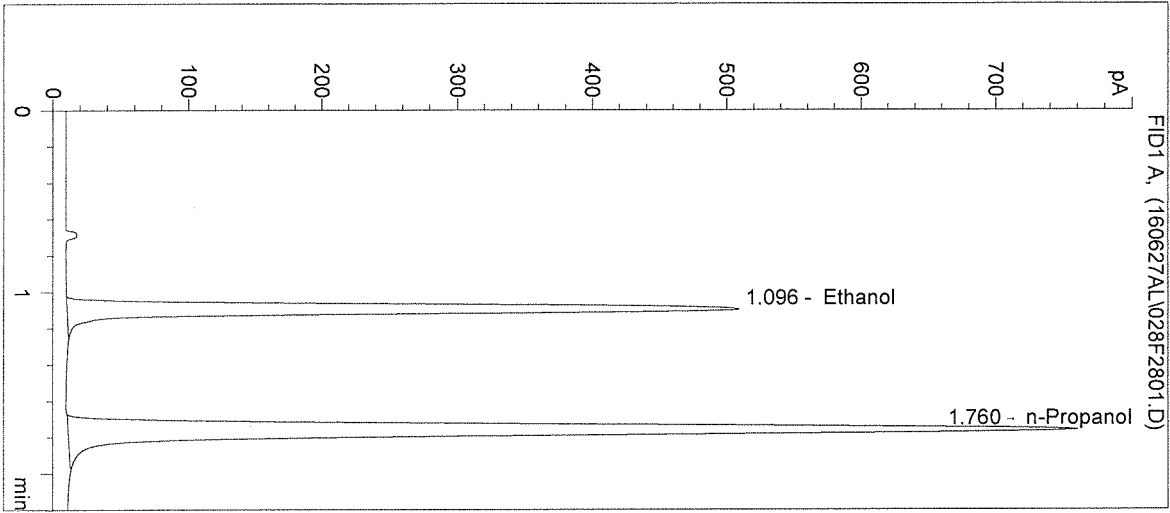
n-Propanol 0.012 g/100mL

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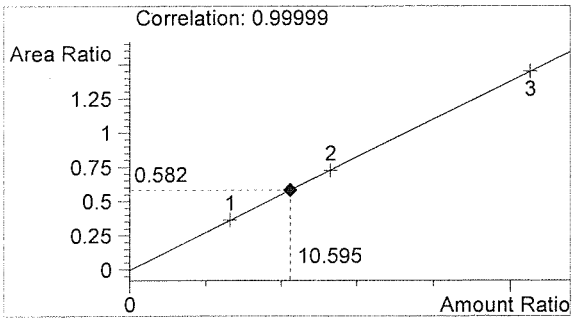
Handwritten signature

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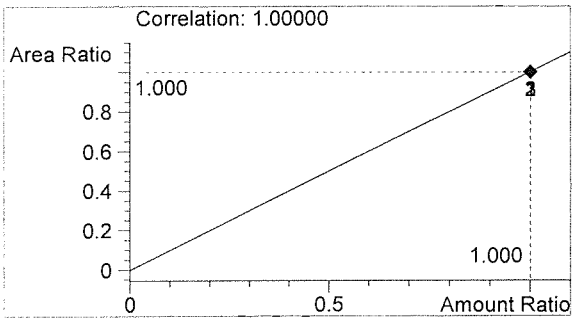
Inj. Date: 6/27/2016 11:45:13 AM Sample Name: gap 16025 #5
 Instrument: HSGC#1 Operator: asa louis
 Column: DB-ALC1 Location: Vial 28
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1748	1.096
2	n-Propanol	3004	1.760



Ethanol 0.127 g/100mL



n-Propanol 0.012 g/100mL

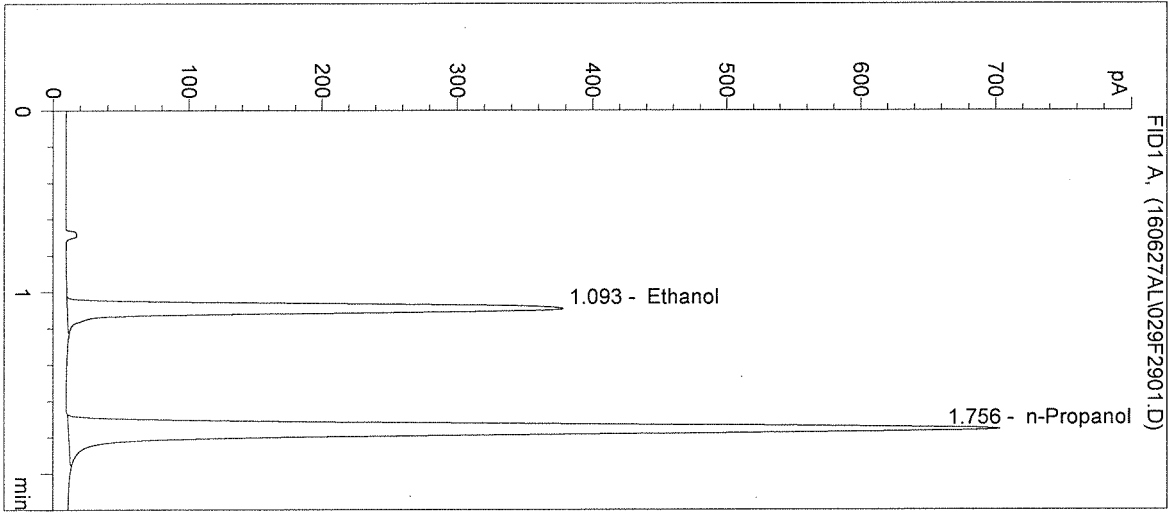
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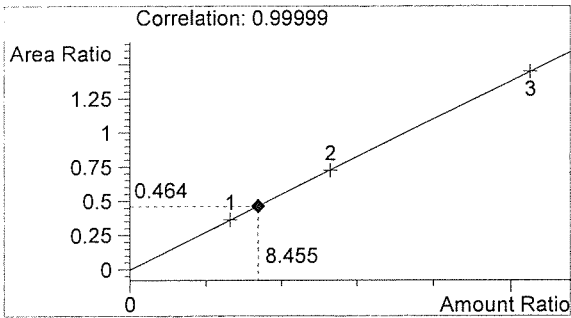
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Inj. Date: 6/27/2016 11:48:26 AM
 Instrument: HSGC#1
 Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info: qap 16025

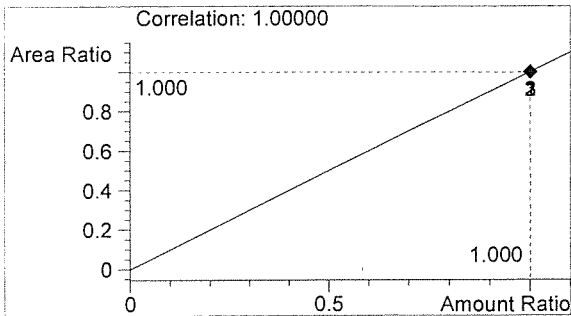
Sample Name: 0.10 ctrl - al
 Operator: asa louis
 Location: Vial 29



#	Compound	Peak Area	RT (min)
1	Ethanol	1269	1.093
2	n-Propanol	2735	1.756



Ethanol 0.101 g/100mL



n-Propanol 0.012 g/100mL

asa

DL

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

Inj. Date: 6/27/2016 11:51:40 AM

Sample Name: neg ctrl - al

Instrument: HSGC#1

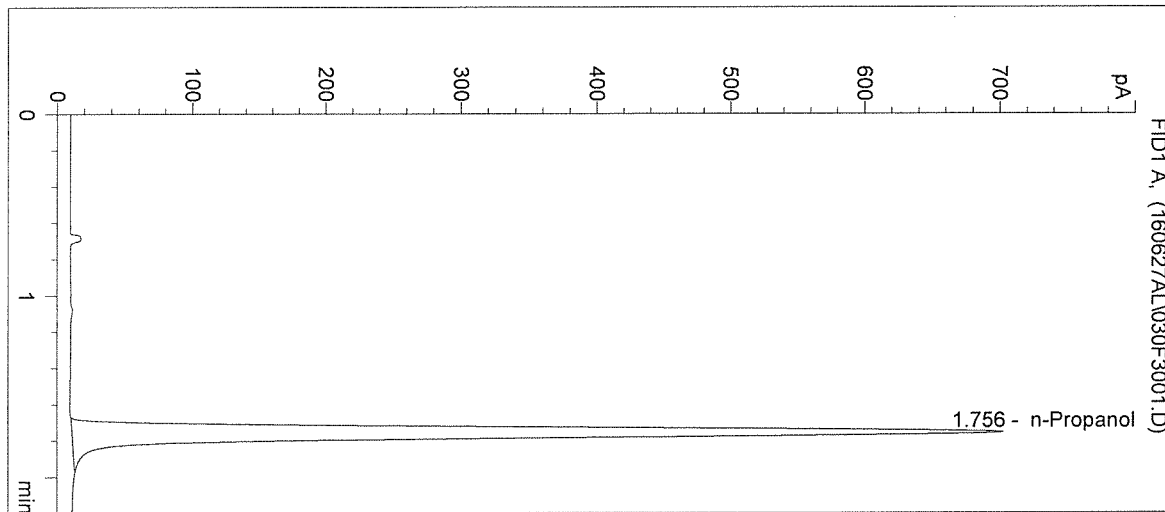
Operator: asa louis

Column: DB-ALC1

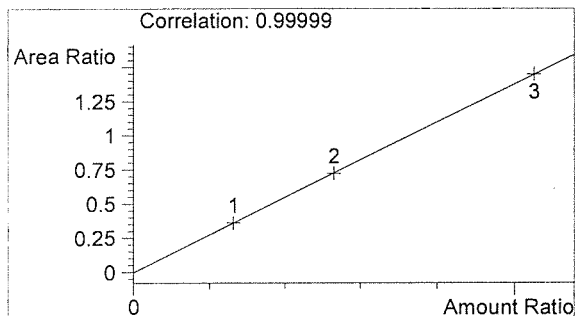
Location: Vial 30

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

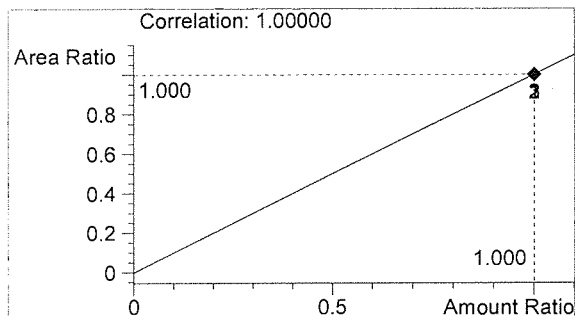
Sample Info: gap 16025



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2746	1.756



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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Sequence Parameters:

Operator: Andrew Gingras
 Data File Naming: Auto
 Data Directory: C:\HPCHEM\1\DATA\
 Data Subdirectory: 160628A2
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

cal 1 e0416-01 exp 10/01/2016
 cal 2 e0416-02 exp 10/01/2016
 cal 3 e0416-03 exp 10/01/2016
 0.04 control - lot fn05011301 exp 05/2018
 0.10 control - lot fn08051301 exp 10/2018
 0.20 control - lot fn03211401 exp 06/2019
 istd p0516 exp 08/31/2016

 cal data in gap 16023

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 16023 #1	SIMALC1	1	Sample		
11	Vial 11	gap 16023 #2	SIMALC1	1	Sample		
12	Vial 12	gap 16023 #3	SIMALC1	1	Sample		
13	Vial 13	gap 16023 #4	SIMALC1	1	Sample		
14	Vial 14	gap 16023 #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 16025 #1	SIMALC1	1	Sample		
18	Vial 18	gap 16025 #2	SIMALC1	1	Sample		
19	Vial 19	gap 16025 #3	SIMALC1	1	Sample		
20	Vial 20	gap 16025 #4	SIMALC1	1	Sample		
21	Vial 21	gap 16025 #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 16026 #1	SIMALC1	1	Sample		
25	Vial 25	gap 16026 #2	SIMALC1	1	Sample		
26	Vial 26	gap 16026 #3	SIMALC1	1	Sample		
27	Vial 27	gap 16026 #4	SIMALC1	1	Sample		
28	Vial 28	gap 16026 #5	SIMALC1	1	Sample		
29	Vial 29	0.10 ctrl	SIMALC1	1	Ctrl Samp		
30	Vial 30	neg ctrl	SIMALC1	1	Ctrl Samp		

16025
 7/7/16

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
31	Vial 31	qap 16027 #1	SIMALC1	1	Sample		
32	Vial 32	qap 16027 #2	SIMALC1	1	Sample		
33	Vial 33	qap 16027 #3	SIMALC1	1	Sample		
34	Vial 34	qap 16027 #4	SIMALC1	1	Sample		
35	Vial 35	qap 16027 #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 16028 #1	SIMALC1	1	Sample		
39	Vial 39	qap 16028 #2	SIMALC1	1	Sample		
40	Vial 40	qap 16028 #3	SIMALC1	1	Sample		
41	Vial 41	qap 16028 #4	SIMALC1	1	Sample		
42	Vial 42	qap 16028 #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!

16025

R716116

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

Inj. Date: 6/28/2016 9:27:31 AM

Sample Name: gap 16025 #1

Instrument: HSGC#1

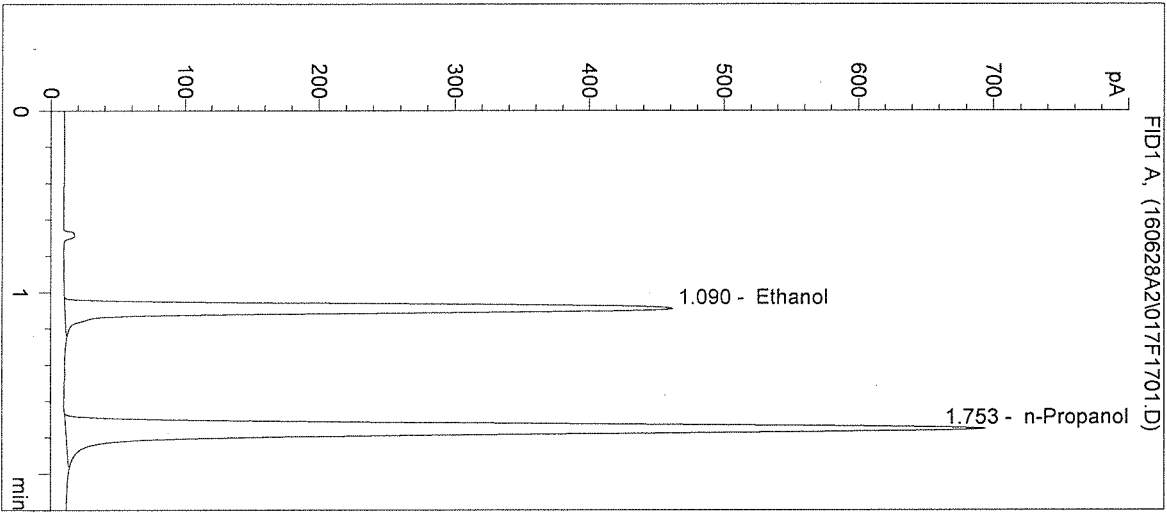
Operator: Andrew Gingras

Column: DB-ALC1

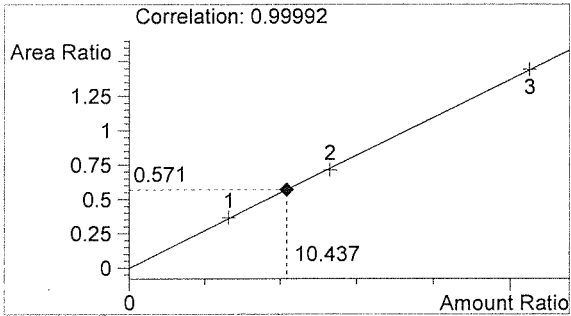
Location: Vial 17

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

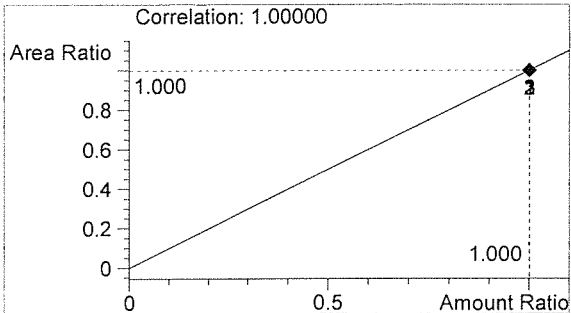
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1538	1.090
2	n-Propanol	2696	1.753



Ethanol 0.125 g/100mL



n-Propanol 0.012 g/100mL

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

Inj. Date: 6/28/2016 9:30:44 AM

Sample Name: gap 16025 #2

Instrument: HSGC#1

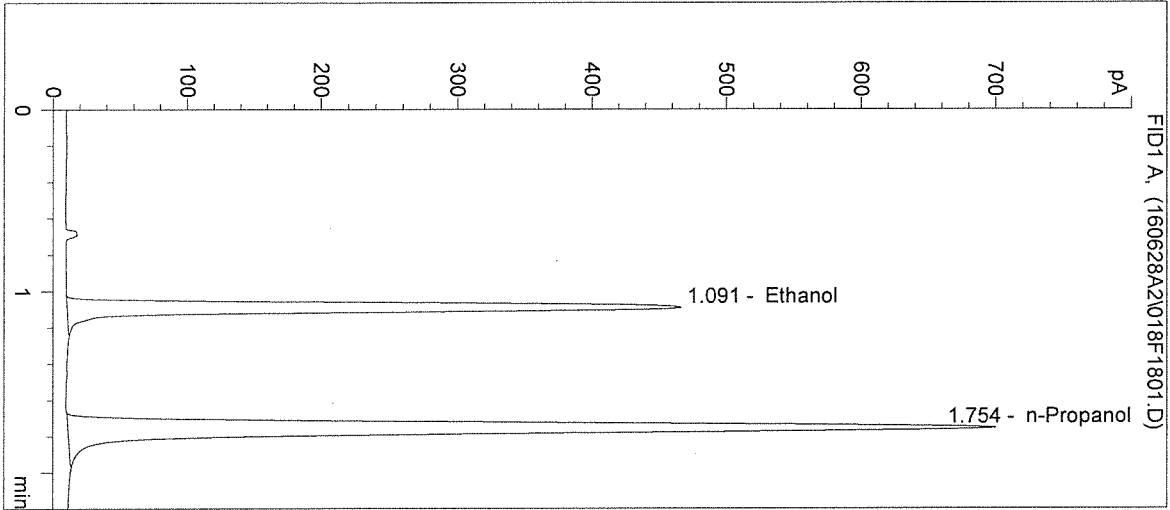
Operator: Andrew Gingras

Column: DB-ALC1

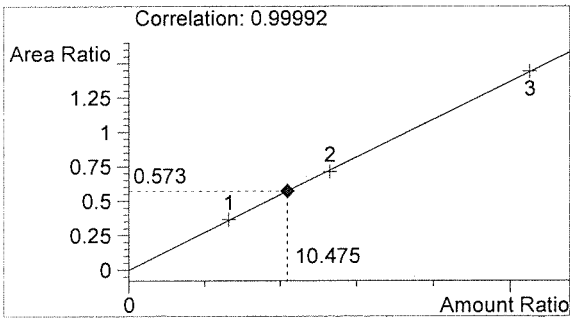
Location: Vial 18

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

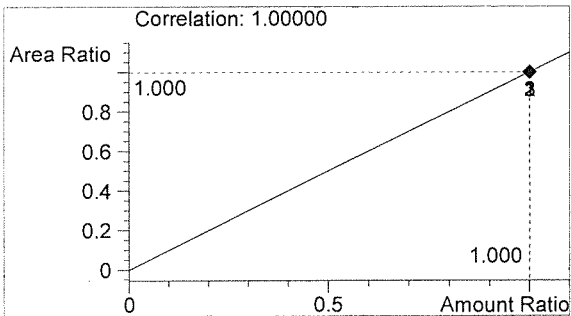
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1568	1.091
2	n-Propanol	2739	1.754



Ethanol 0.126 g/100mL



n-Propanol 0.012 g/100mL

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

Inj. Date: 6/28/2016 9:33:58 AM

Sample Name: gap 16025 #3

Instrument: HSGC#1

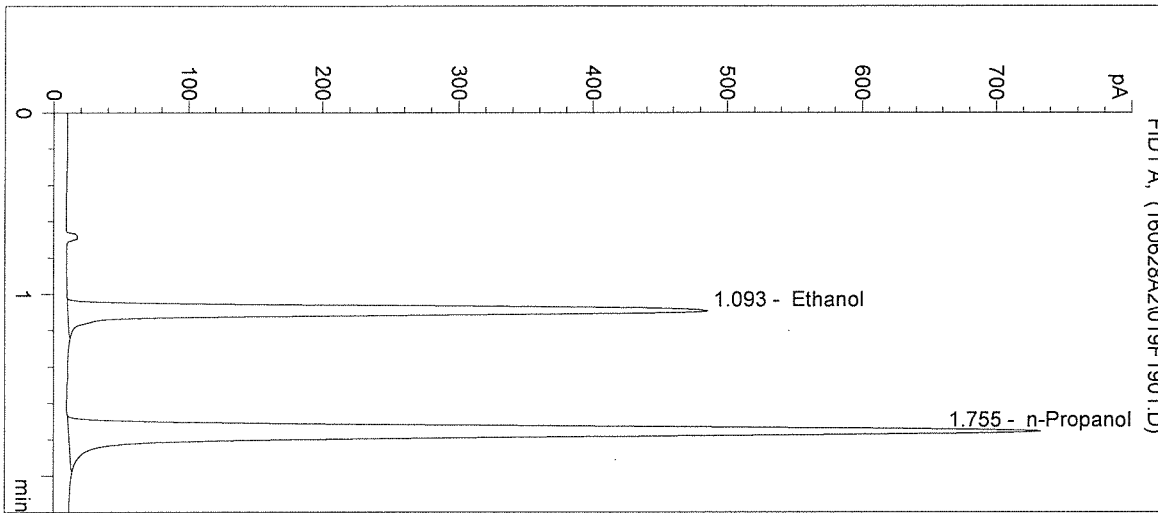
Operator: Andrew Gingras

Column: DB-ALC1

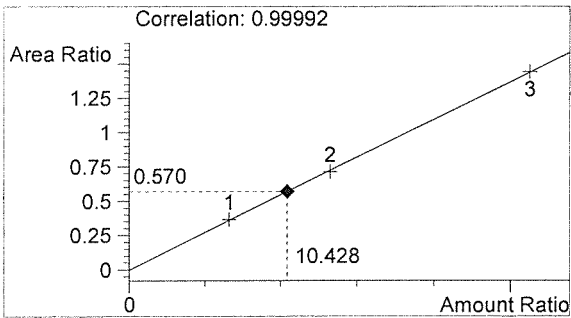
Location: Vial 19

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

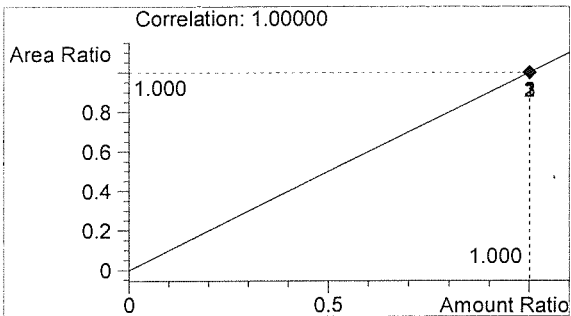
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1645	1.093
2	n-Propanol	2885	1.755



Ethanol 0.125 g/100mL



n-Propanol 0.012 g/100mL

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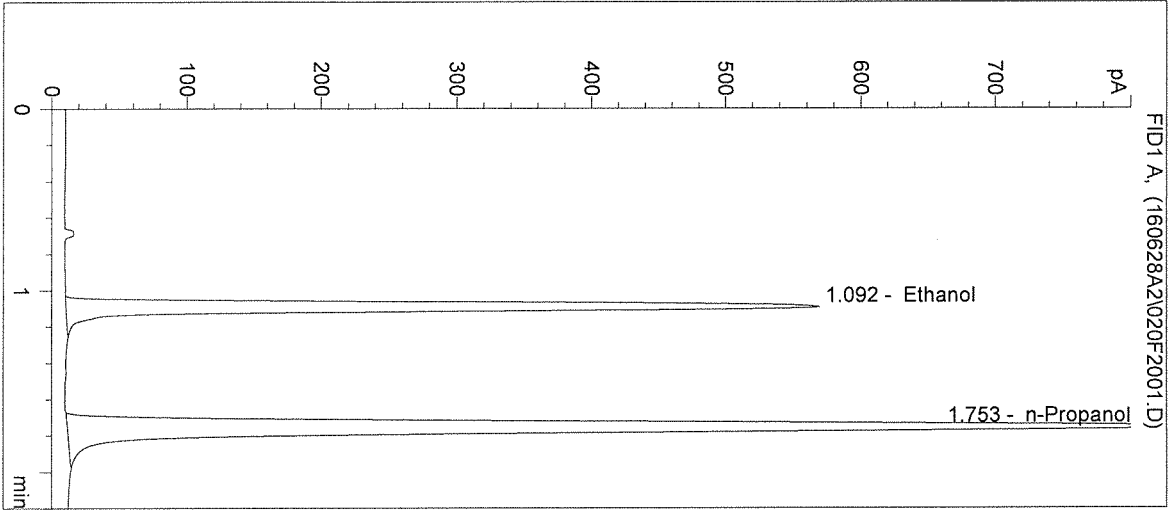
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2203 Airport Way S Seattle, WA 98134

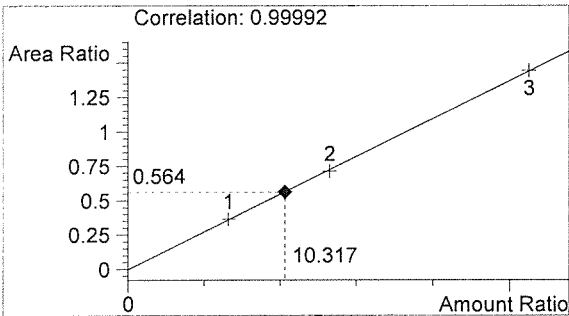
Inj. Date: 6/28/2016 9:37:11 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: gap 16025 #4
Operator: Andrew Gingras
Location: Vial 20

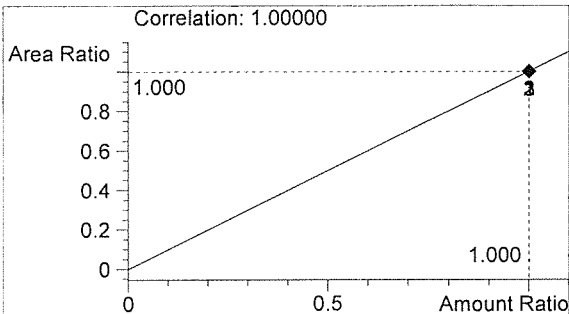
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1886	1.092
2	n-Propanol	3345	1.753



Ethanol 0.124 g/100mL



n-Propanol 0.012 g/100mL

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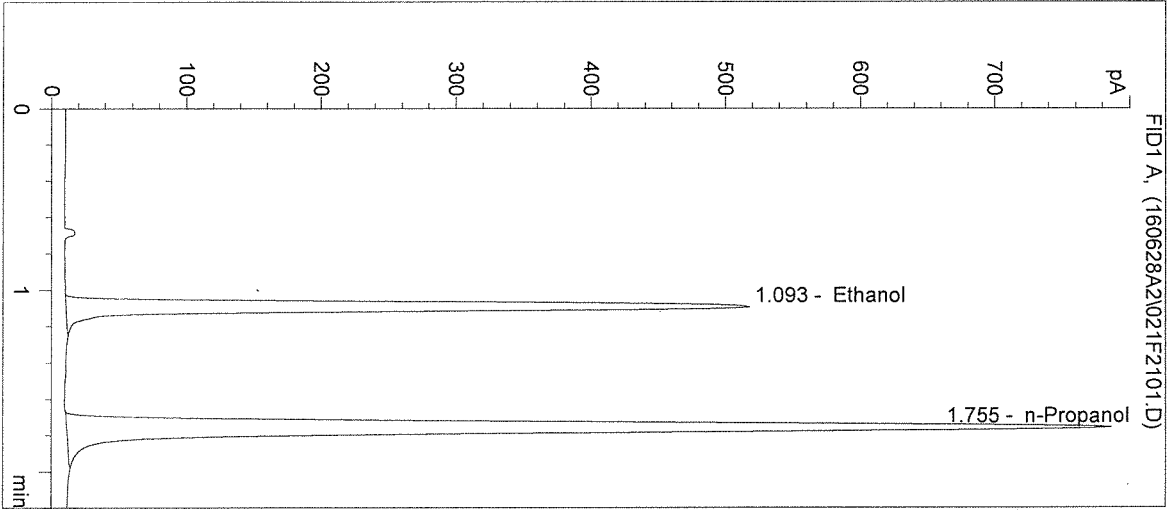
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2203 Airport Way S Seattle, WA 98134

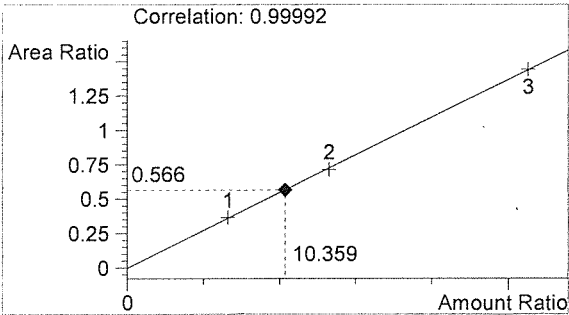
Inj. Date: 6/28/2016 9:40:24 AM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: gap 16025 #5
Operator: Andrew Gingras
Location: Vial 21

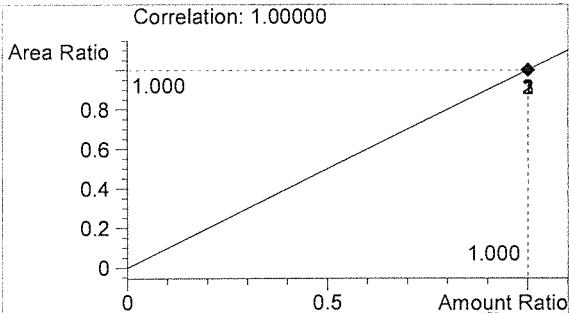
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1746	1.093
2	n-Propanol	3084	1.755



Ethanol 0.124 g/100mL



n-Propanol 0.012 g/100mL

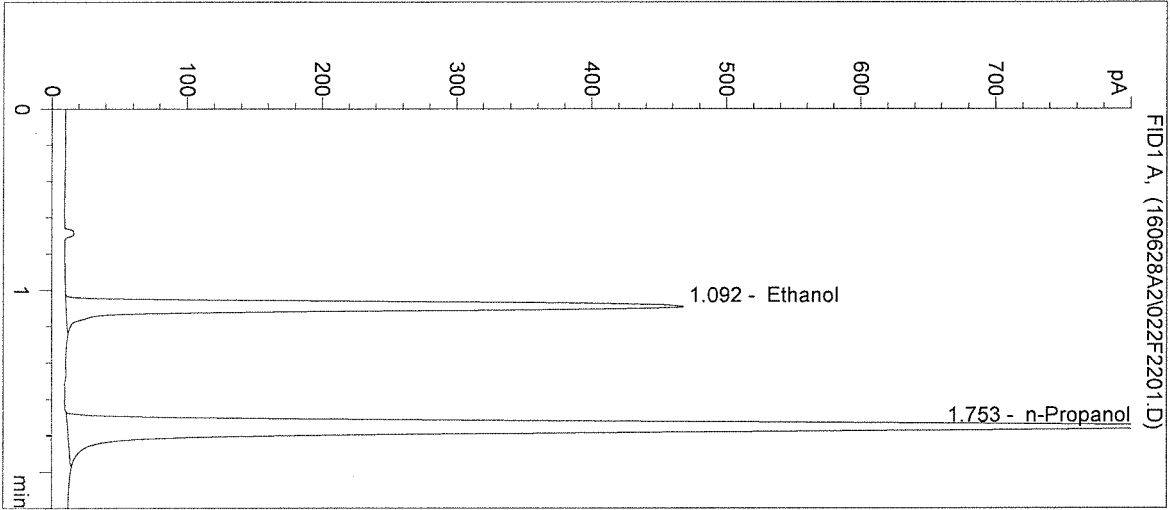
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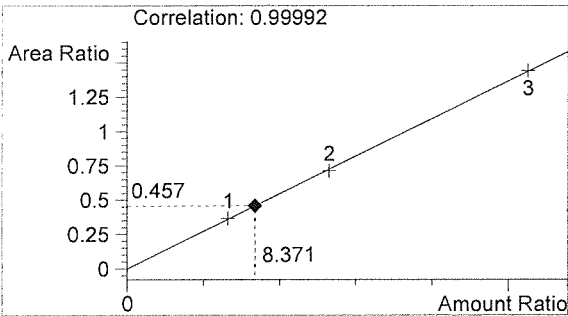
Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/28/2016 9:43:37 AM
 Instrument: HSGC#1
 Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info: qap 16025

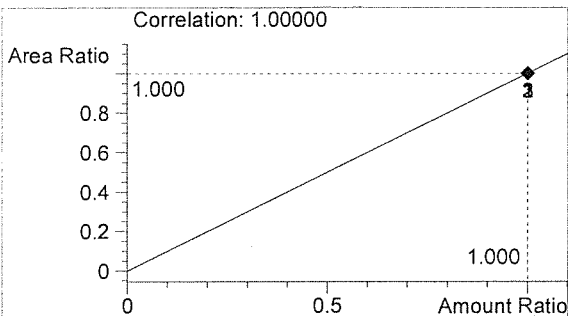
Sample Name: 0.10 ctrl
 Operator: Andrew Gingras
 Location: Vial 22



#	Compound	Peak Area	RT (min)
1	Ethanol	1544	1.092
2	n-Propanol	3376	1.753



Ethanol 0.100 g/100mL



n-Propanol 0.012 g/100mL

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 2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/28/2016 9:46:51 AM

Sample Name: neg ctrl

Instrument: HSGC#1

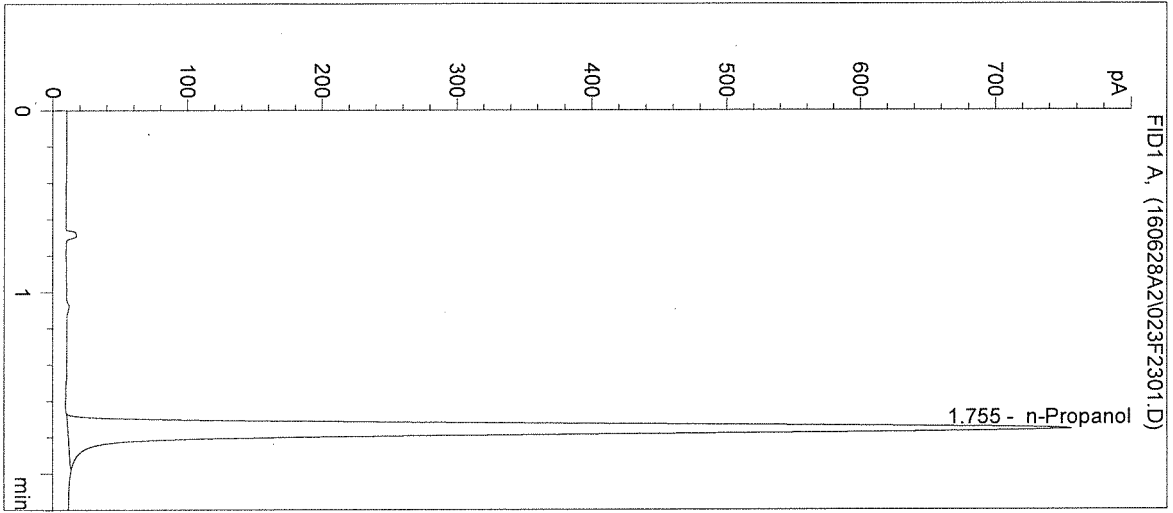
Operator: Andrew Gingras

Column: DB-ALC1

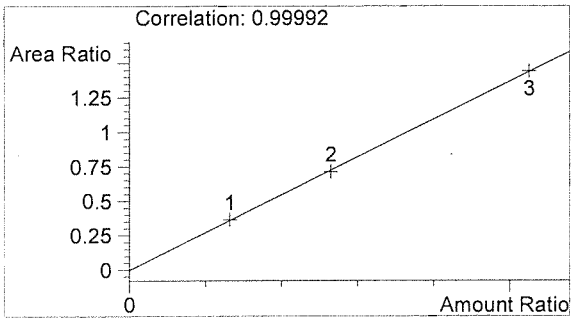
Location: Vial 23

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

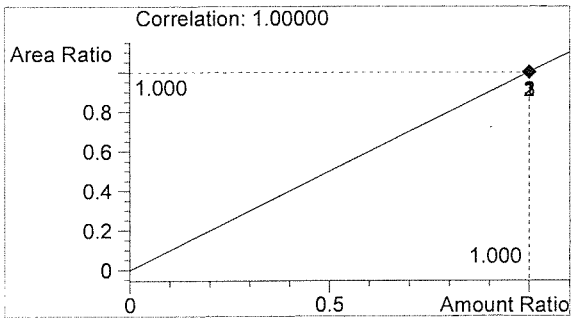
Sample Info: qap 16025



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2964	1.755



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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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: 160630JK
 Part of Methods to run: According to Runtime Checklist
 Barcode Reader: not used
 Shutdown Cmd/Macro: none

Sequence Comment:

Ethanol Calibrator 1, E0416-01 - Exp. 10/01/2016
 Ethanol Calibrator 2, E0416-02 - Exp. 10/01/2016
 Ethanol Calibrator 3, E0416-03 - Exp. 10/01/2016
 CTRL1 (0.04g/100mL), Lot # FN05011301 - Exp. 05/2018
 CTRL2 (0.10g/100mL), Lot # FN08051301 - Exp. 10/2018
 CTRL3 (0.20g/100mL), Lot # FN03211401 - Exp. 06/2019
 Internal Standard Lot#P0516 - Exp. 08/31/2016

Calibration vials 1-9 filed with 16023.

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	16023-1	SIMALC1	1	Sample		
11	Vial 11	16023-2	SIMALC1	1	Sample		
12	Vial 12	16023-3	SIMALC1	1	Sample		
13	Vial 13	16023-4	SIMALC1	1	Sample		
14	Vial 14	16023-5	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	16025-1	SIMALC1	1	Sample		
18	Vial 18	16025-2	SIMALC1	1	Sample		
19	Vial 19	16025-3	SIMALC1	1	Sample		
20	Vial 20	16025-4	SIMALC1	1	Sample		
21	Vial 21	16025-5	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	16026-1	SIMALC1	1	Sample		
25	Vial 25	16026-2	SIMALC1	1	Sample		
26	Vial 26	16026-3	SIMALC1	1	Sample		

16025

fn 7/6/16

JK

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
27	Vial 27	16026-4	SIMALC1	1	Sample		
28	Vial 28	16026-5	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	16027-1	SIMALC1	1	Sample		
32	Vial 32	16027-2	SIMALC1	1	Sample		
33	Vial 33	16027-3	SIMALC1	1	Sample		
34	Vial 34	16027-4	SIMALC1	1	Sample		
35	Vial 35	16027-5	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	16028-1	SIMALC1	1	Sample		
39	Vial 39	16028-2	SIMALC1	1	Sample		
40	Vial 40	16028-3	SIMALC1	1	Sample		
41	Vial 41	16028-4	SIMALC1	1	Sample		
42	Vial 42	16028-5	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!

16025

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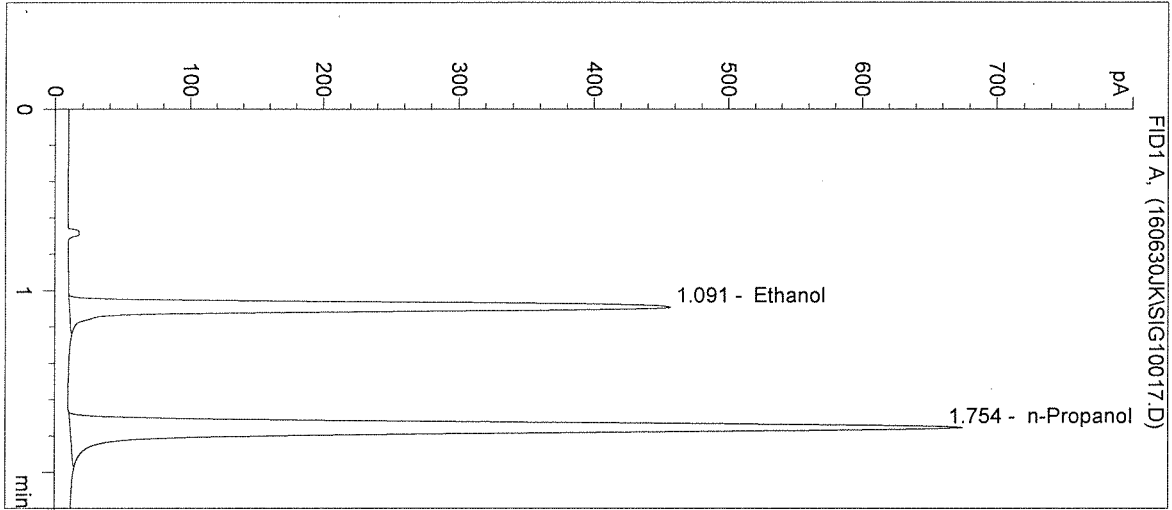
JK

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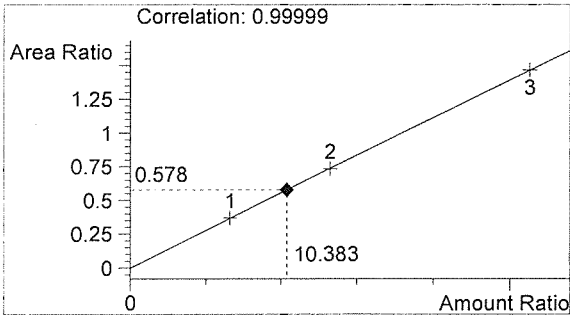
Inj. Date: 6/30/2016 10:17:35 AM
 Instrument: HSGC#1
 Column: DB-ALC1
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M

Sample Name: 16025-1
 Operator: Justin Knoy
 Location: Vial 17

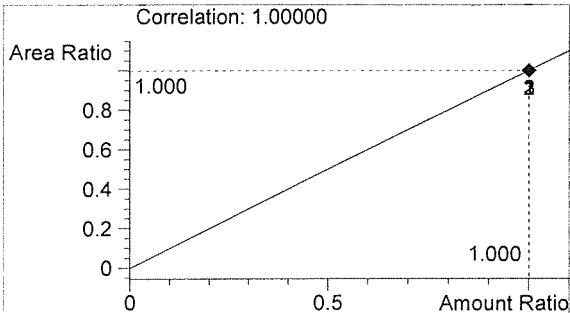
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1532	1.091
2	n-Propanol	2650	1.754



Ethanol 0.125 g/100mL



n-Propanol 0.012 g/100mL

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2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/30/2016 10:20:48 AM

Sample Name: 16025-2

Instrument: HSGC#1

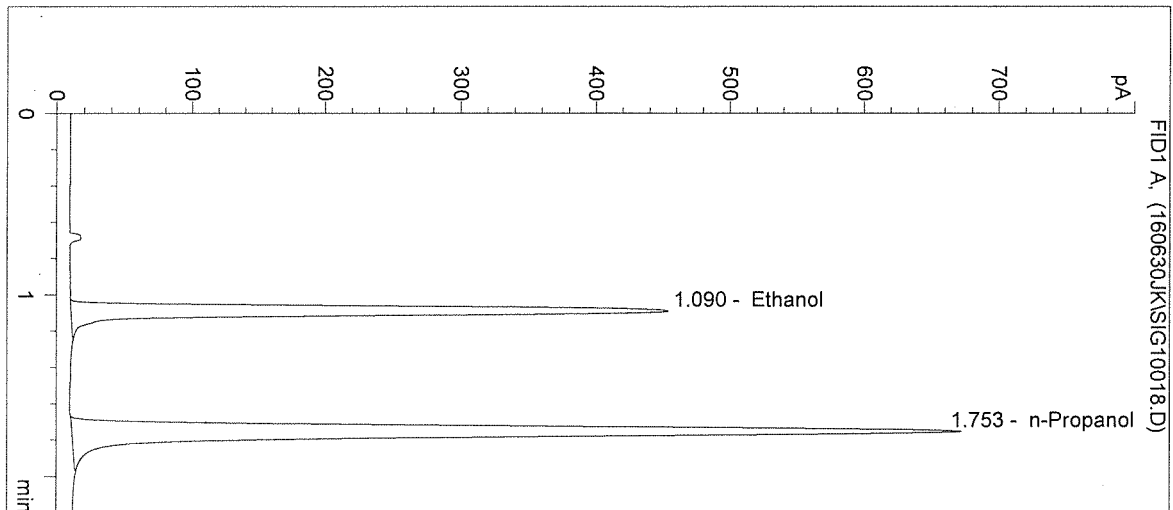
Operator: Justin Knoy

Column: DB-ALC1

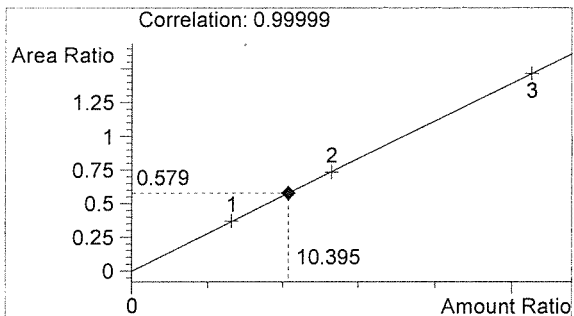
Location: Vial 18

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

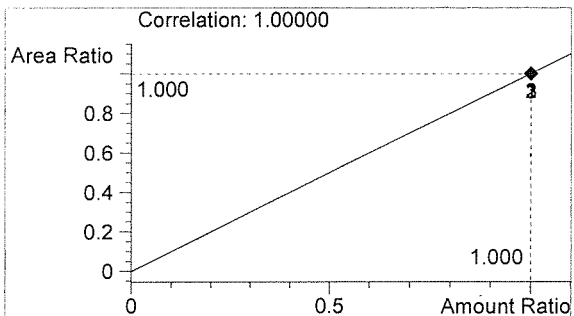
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1522	1.090
2	n-Propanol	2630	1.753



Ethanol 0.125 g/100mL



n-Propanol 0.012 g/100mL

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

Inj. Date: 6/30/2016 10:24:02 AM

Sample Name: 16025-3

Instrument: HSGC#1

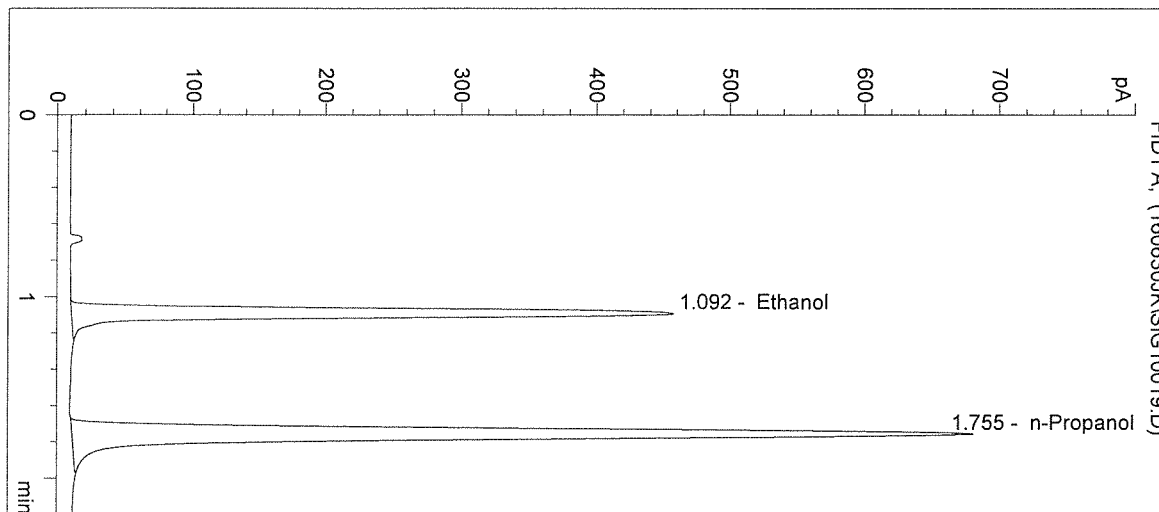
Operator: Justin Knoy

Column: DB-ALC1

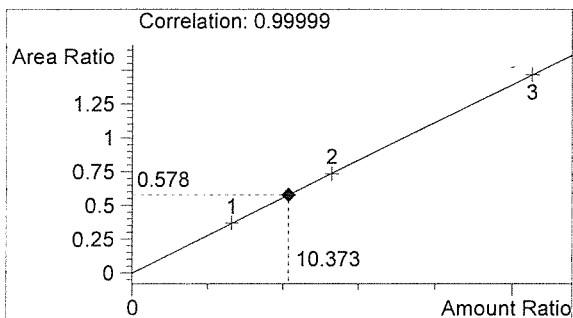
Location: Vial 19

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

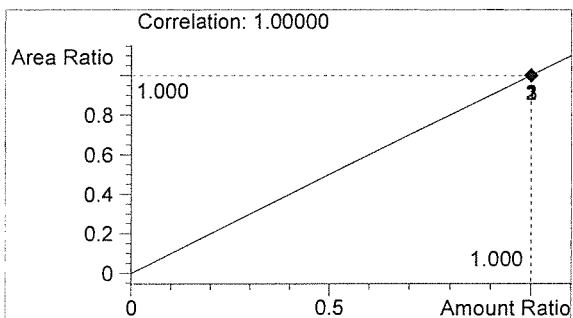
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1550	1.092
2	n-Propanol	2684	1.755



Ethanol 0.124 g/100mL



n-Propanol 0.012 g/100mL

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 2203 Airport Way S Seattle, WA 98134

Inj. Date: 6/30/2016 10:27:15 AM

Sample Name: 16025-4

Instrument: HSGC#1

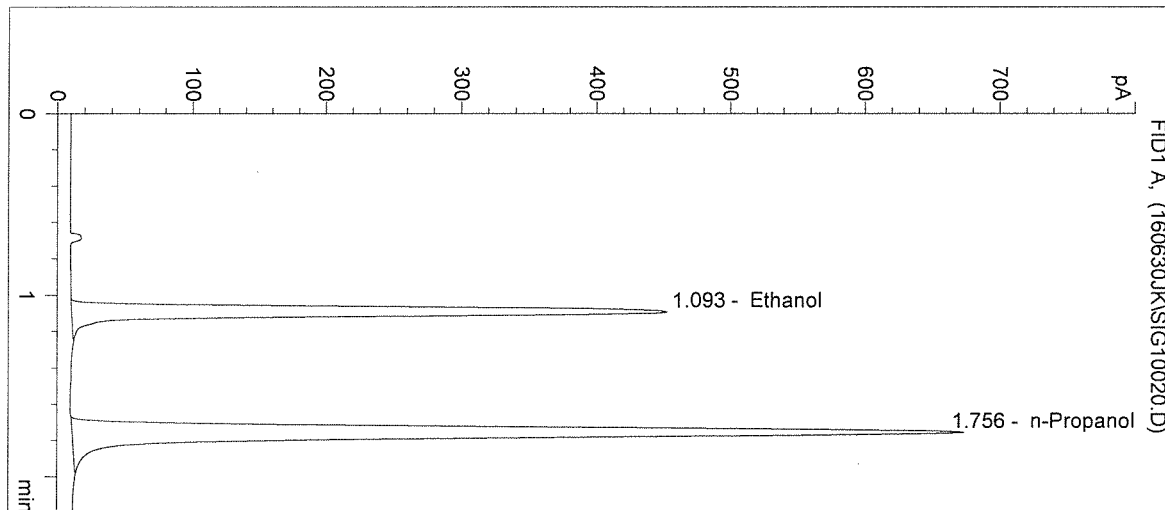
Operator: Justin Knoy

Column: DB-ALC1

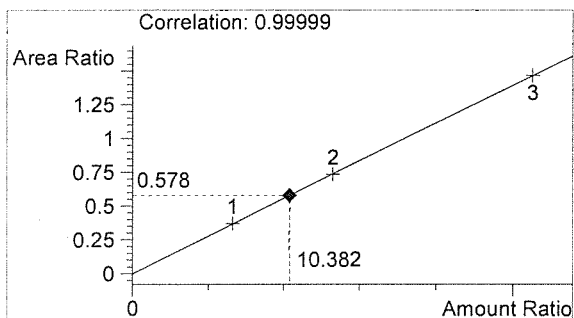
Location: Vial 20

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

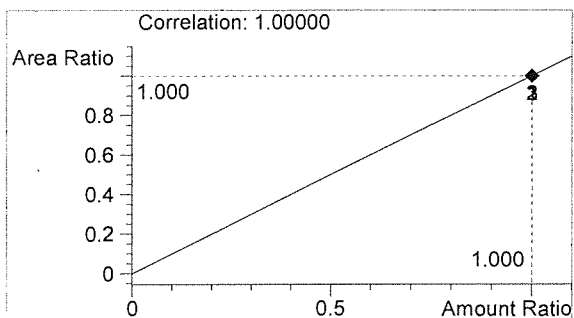
Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1541	1.093
2	n-Propanol	2665	1.756



Ethanol 0.125 g/100mL



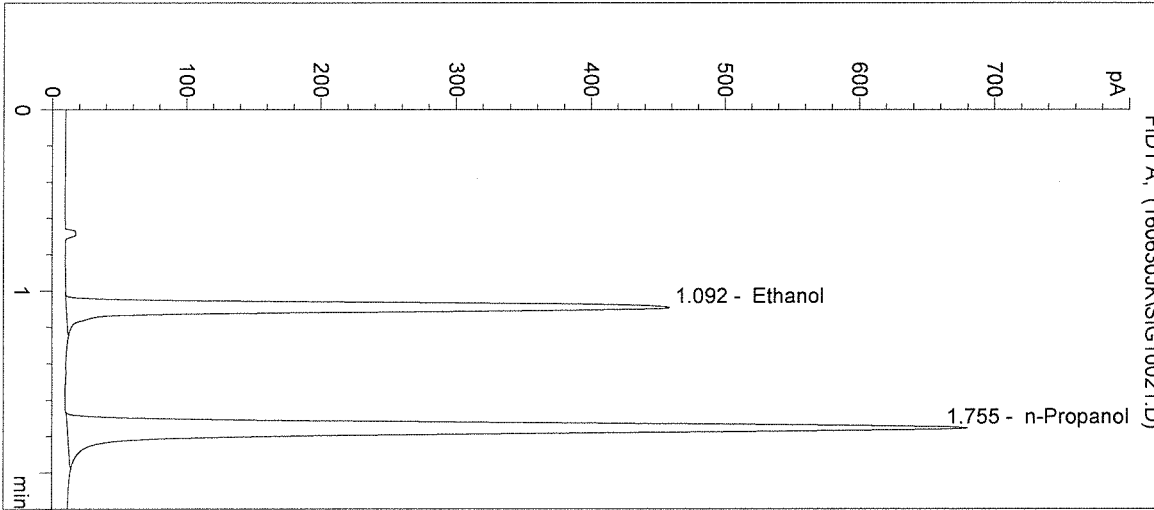
n-Propanol 0.012 g/100mL

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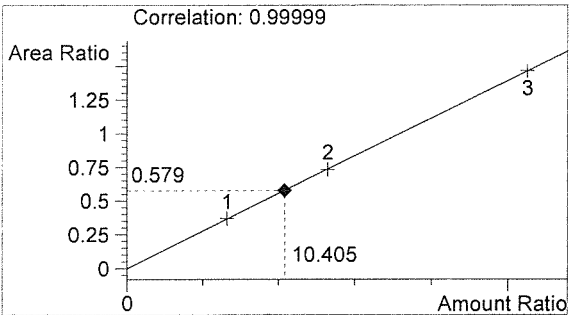
JK

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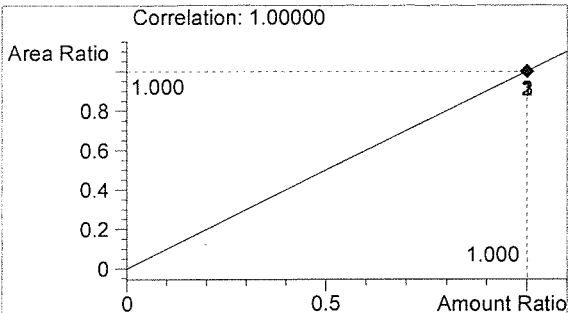
Inj. Date: 6/30/2016 10:30:28 AM Sample Name: 16025-5
 Instrument: HSGC#1 Operator: Justin Knoy
 Column: DB-ALC1 Location: Vial 21
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info:



#	Compound	Peak Area	RT (min)
1	Ethanol	1552	1.092
2	n-Propanol	2679	1.755



Ethanol 0.125 g/100mL



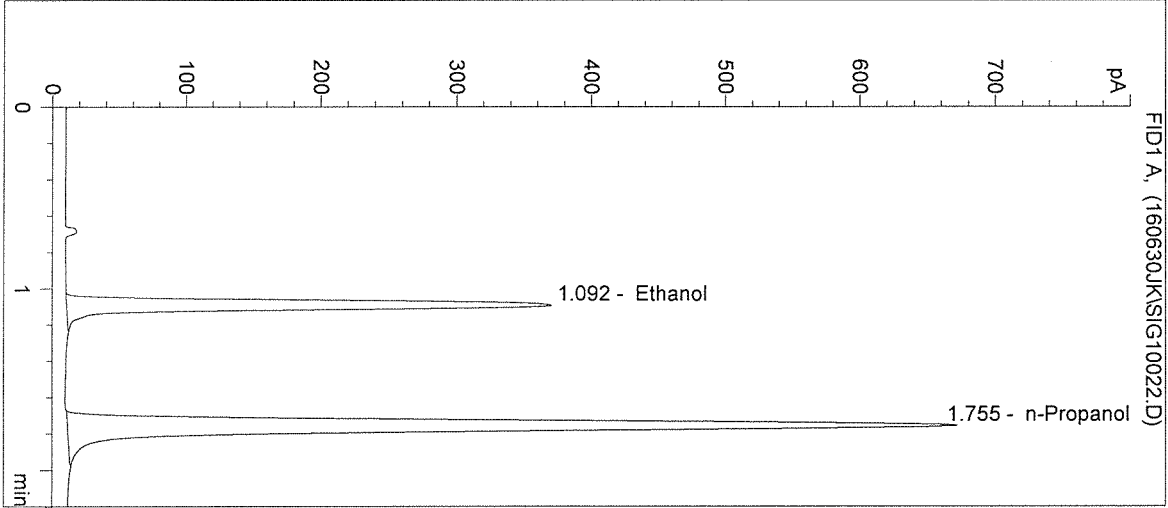
n-Propanol 0.012 g/100mL

fr

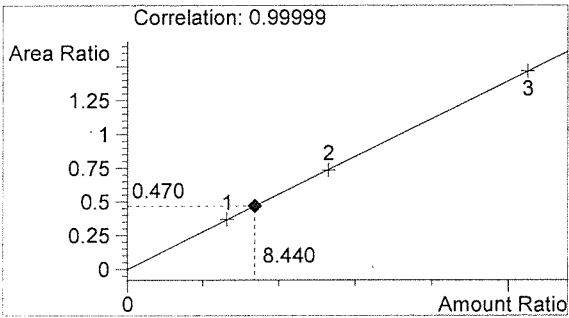
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Washington State Patrol Toxicology Laboratory
 2203 Airport Way S Seattle, WA 98134

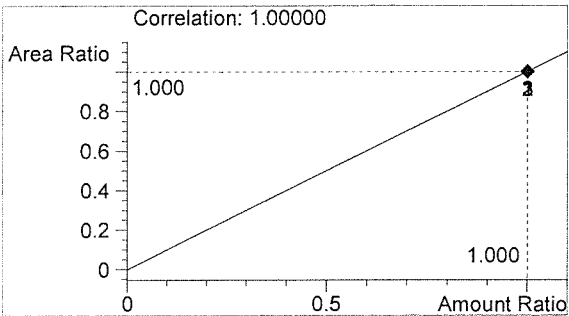
Inj. Date: 6/30/2016 10:33:42 AM Sample Name: 0.10 CTRL
 Instrument: HSGC#1 Operator: Justin Knoy
 Column: DB-ALC1 Location: Vial 22
 Method: C:\HPCHEM\1\METHODS\SIMALC1.M
 Sample Info: 16025



#	Compound	Peak Area	RT (min)
1	Ethanol	1243	1.092
2	n-Propanol	2646	1.755



Ethanol 0.101 g/100mL



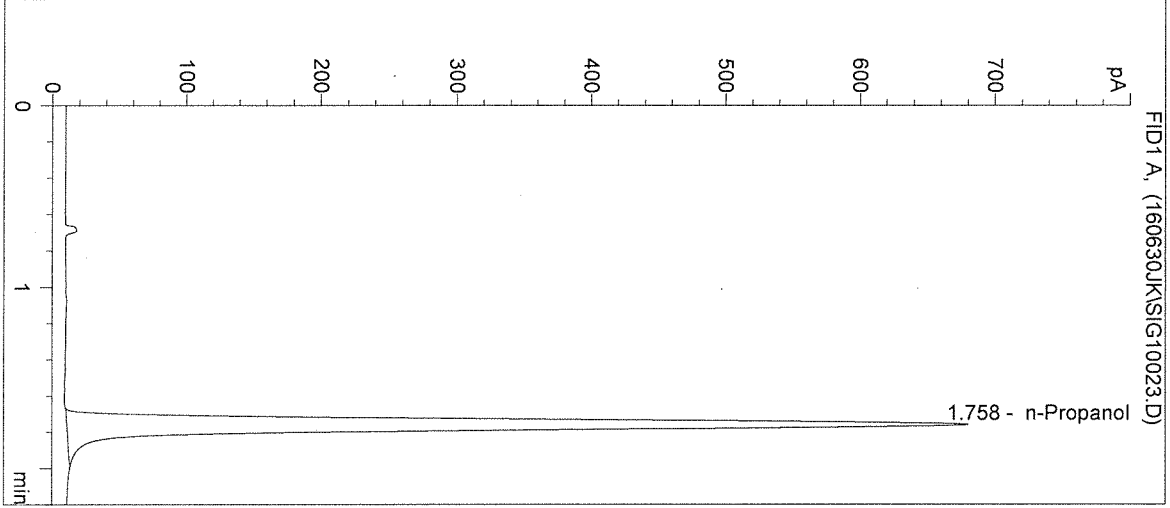
n-Propanol 0.012 g/100mL

fn

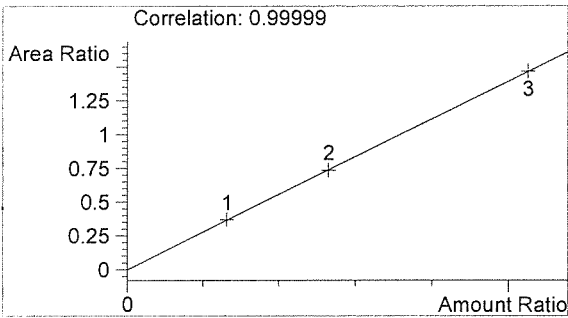
JL

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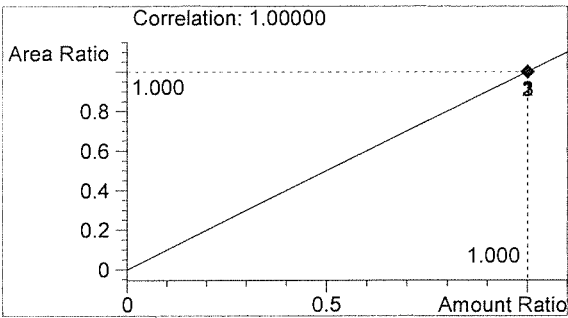
Inj. Date: 6/30/2016 10:36:55 AM Sample Name: NEG CTRL
Instrument: HSGC#1 Operator: Justin Knoy
Column: DB-ALC1 Location: Vial 23
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 16025



#	Compound	Peak Area	RT (min)
1	Ethanol	0	0.000
2	n-Propanol	2705	1.758



Ethanol 0.000 g/100mL



n-Propanol 0.012 g/100mL

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