**WASHINGTON STATE PATROL - TOXICOLOGY LABORATORY DIVISION**
2203 Airport Way S, Suite 360 SEATTLE, WA 98134

ASCLD/LAB-International ACCREDITED
LABORATORY SINCE 11/16/2009

# QUALITY ASSURANCE PROCEDURE SOLUTION TEST REPORT

**BATCH REPORT: 17001**

**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: 0.04 g/210L
DATE PREPARED: 01/06/2017
BATCH UNITS: g/100mL
IDENTITY: QAP Solution
PREPARED BY: Christie Mitchell-Mata

| | CM | AG | LK |
|---|---|---|---|
| 1 | 0.050 | 0.050 | 0.050 |
| 2 | 0.050 | 0.050 | 0.050 |
| 3 | 0.050 | 0.050 | 0.050 |
| 4 | 0.050 | 0.050 | 0.050 |
| 5 | 0.050 | 0.050 | 0.050 |
| C | 0.100 | 0.102 | 0.102 |

**ETHANOL CONTROL INFORMATION**
LOT NUMBER: FN08051301 EXPIRATION: 10/2018 CONCENTRATION: 0.10 g/100mL

**RESULTS OF TESTING**
AVERAGE SOLUTION CONCENTRATION: 0.0500 g/100mL
STANDARD DEVIATION: 0.00000
PRECISION CV (%): 0.00
NUMBER OF TESTS: 15

EQUIVALENT VAPOR CONCENTRATION: **0.0407 g/210L**
EXPANDED UNCERTAINTY: ± 0.0010 (k=2, 95.45% confidence interval)

**WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION**

Brianne E. O'Reilly Technical Lead

2·1·2017
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

| ANALYST | NAME | SIGNATURE | DATE TESTED |
|---|---|---|---|
| CM | Christie Mitchell-Mata | | 01/06/2017 |
| AG | Andrew Gingras | | 01/09/2017 |
| LK | Lyndsey Knoy | | 01/10/2017 |

Washington State Patrol Toxicology Laboratory Division

# SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Amanda M. Black Date: 2-3-17

Location: WSP-FLSB Seattle, WA Solution Batch Number: 17001

| | YES | NO | N/A |
|---|---|---|---|
| Analysis dates do not precede preparation date: | ☑ | ☐ | ☐ |
| Declarations signed and properly dated: | ☑ | ☐ | ☐ |
| Data entry corresponds to all chromatograms: | ☑ | ☐ | ☐ |
| All signatures present on Test Report: | ☑ | ☐ | ☐ |
| Average solution concentration correct: | ☑ | ☐ | ☐ |
| Standard deviation correct: | ☑ | ☐ | ☐ |
| CV (%) correct: | ☑ | ☐ | ☐ |
| Equivalent vapor concentration correct: | ☑ | ☐ | ☐ |
| All chromatograms and sequences included in file: | ☑ | ☐ | ☐ |
| Ethanol control information present: (lot # present & used within expiration) | ☑ | ☐ | ☐ |
| Complies with accuracy and precision requirements established by the State Toxicologist: | ☑ | ☐ | ☐ |

Comments:

Reviewer Signature: _____ Date: 2-3-17

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

**QAP Solution Batch #:** 17001 **Date Prepared:** 1/6/2017

| | | | |
|---|---|---|---|
| Analyst: | CM | AG | LK |
| Date Tested: | 1/6/2017 | 1/9/2017 | 1/10/2017 |
| Instrument: | HSGC 3 | HSGC 1 | HSGC 1 |
| 1 | 0.050 | 0.050 | 0.050 |
| 2 | 0.050 | 0.050 | 0.050 |
| 3 | 0.050 | 0.050 | 0.050 |
| 4 | 0.050 | 0.050 | 0.050 |
| 5 | 0.050 | 0.050 | 0.050 |
| C | 0.100 | 0.102 | 0.102 |

| $CV^2_{COA}$ | $CV^2_{QAP\ Solution}$ | $CV^2_{Control}$ | $CV^2_{Part\ Coef}$ |
|---|---|---|---|
| 0.0000084100 | 0.0000000000 | 0.0000432825 | 0.0001016326 |

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

Average Solution Concentration: 0.0500 g/100mL
Standard Deviation: 0.00000 g/100mL
Precision CV (%): 0.00
Equivalent Vapor Concentration: 0.0407 g/210L
Combined Standard Uncertainty (±): 0.0005 g/210L
Expanded Uncertainty (±): 0.0010 coverage factor (k) =2 (95.45% level of confidence)

Calculations performed by: Brianne E. O'Reilly Brianne E O'Reilly 1·26·17
Name Signature Date

Calculations verified by: Amanda M. Black 2-3-17
Name Signature Date

Method: Hand calculation

Tech. review performed by: Brianne E. O'Reilly Brianne E O'Reilly 1·26·17
Name Signature Date

Washington State Patrol Toxicology Laboratory Division

# 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** | AG | 1/26/17 |
| **Asa Louis** | | |
| **Brittany Thomas** | | |
| **Christie Mitchell-Mata** | CM | 2/1/17 |
| **Christopher Johnston** | | |
| **David Nguyen** | | |
| **Dawn Sklerov** | | |
| **Elizabeth Wehner** | | |
| **Justin Knoy** | | |
| **Katie Harris** | | |
| **Lyndsey Knoy** | LK | 1.26.17 |
| **Naziha Nuwayhid** | | |
| **Rebecca Flaherty** | | |

17001

Batch # _____

RCO 1.26.17

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*

# 0.04 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION CERTIFICATION FOR LOT 17001

I, Christie Mitchell-Mata, do certify under penalty of perjury that:

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

I possess the following qualifications: BA degree in Chemistry, MFS degree in Forensic Science.

The quality assurance procedure (QAP) solution, Lot Number 17001, was prepared in the Washington State Toxicology Laboratory on 1/6/2017. 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 1/6/2018.

Seattle, WA

Christie Mitchell-Mata 2/1/2017

Christie Mitchell-Mata Date

Forensic Toxicologist

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*

# 0.04 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION CERTIFICATION FOR LOT 17001

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 17001, was prepared in the Washington State Toxicology Laboratory on 1/6/2017. 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 1/6/2018.

Seattle, WA

1/26/2017

Andrew Gingras 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*

# 0.04 g/210 L QUALITY ASSURANCE PROCEDURE SOLUTION CERTIFICATION FOR LOT 17001

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

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

I possess the following qualifications: BS degree in Chemistry.

The quality assurance procedure (QAP) solution, Lot Number 17001, was prepared in the Washington State Toxicology Laboratory on 1/6/2017. 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 1/6/2018.

Seattle, WA

1.31.17

Lyndsey 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: 1/6/2017 Expiration Date: 1/6/2018 Initials of Preparer: CM

Lot # of 200-proof Ethanol used in preparation: 2DK0010

Date the 200-proof Ethanol bottle was opened: 12/20/16 NN

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 | ☑ | 17001 |
| QAP 0.08 | 22.4 | 18 | ☑ | 17002 |
| QAP 0.10 | 28.1 | 18 | ☐ | X CM 1/6/17 |
| QAP 0.15 | 42.1 | 18 | ☑ | 17003 |
| QAP 0.20 | 56.1 | 18 | ☑ | 17004 |
| ESS | 66.5 | 52 | ☐ | |

Stir bar is rotating ☑

Stirred for minimum 30 minutes; 2 hours for ESS ☑

Spigot purged ☑

Aliquot taken ☑

Batch labeled, packaged and sealed ☑ 1/6/2017 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:

17001

Analyst Signature

1/6/2017 Date

Sequence: C:\HPCHEM\2\SEQUENCE\CM-QAP.S

Sequence Parameters:

| | |
|---|---|
| Operator: | Christie Mitchell-Mata |
| Data File Naming: | Prefix/Counter |
| Signal 1 Prefix: | SIG1 |
| Counter: | 0001 |
| Signal 2 Prefix: | SIG2 |
| Counter: | 0001 |
| Data Directory: | C:\HPCHEM\2\DATA\ |
| Data Subdirectory: | 170106CM |
| Part of Methods to run: | According to Runtime Checklist |
| Barcode Reader: | not used |
| Shutdown Cmd/Macro: | none |

Sequence Comment:

CAL 1: 0.079 g/100mL - Lot: E0916-01 - X: 03/15/17
CAL 2: 0.158 g/100mL - Lot: E0916-02 - X: 03/15/17
CAL 3: 0.316 g/100mL - Lot: E0916-03 - X: 03/15/17

CTRL 1: 0.04 g/100mL - Lot: FN12181501 - X: 12/2020
CTRL 2: 0.10 g/100mL - Lot: FN08051301 - X: 10/2018
CTRL 3: 0.20 g/100mL - Lot: FN08101505 - X: 02/2021

n-Propanol ISTD - Lot: P1116 - X: 02/23/17

Calibration vials 1-9 filed with 17001

Sequence Table (Front Injector):

Method and Injection Info Part:

| Line | Location | SampleName | Method | Inj | SampleType | InjVolume | DataFile |
|---|---|---|---|---|---|---|---|
| 1 | Vial 1 | BLANK | SIMALC3 | 1 | Sample | | |
| 2 | Vial 2 | CAL 1 (0.079) | SIMALC3 | 1 | Calib | | |
| 3 | Vial 3 | CAL 2 (0.158) | SIMALC3 | 1 | Calib | | |
| 4 | Vial 4 | CAL 3 (0.316) | SIMALC3 | 1 | Calib | | |
| 5 | Vial 5 | NEG CTRL | SIMALC3 | 1 | Ctrl Samp | | |
| 6 | Vial 6 | CTRL 1 (0.04) | SIMALC3 | 1 | Ctrl Samp | | |
| 7 | Vial 7 | CTRL 2 (0.10) | SIMALC3 | 1 | Ctrl Samp | | |
| 8 | Vial 8 | CTRL 3 (0.20) | SIMALC3 | 1 | Ctrl Samp | | |
| 9 | Vial 9 | NEG CTRL | SIMALC3 | 1 | Ctrl Samp | | |
| 10 | Vial 10 | 17001 #1 | SIMALC3 | 1 | Sample | | |
| 11 | Vial 11 | 17001 #2 | SIMALC3 | 1 | Sample | | |
| 12 | Vial 12 | 17001 #3 | SIMALC3 | 1 | Sample | | |
| 13 | Vial 13 | 17001 #4 | SIMALC3 | 1 | Sample | | |
| 14 | Vial 14 | 17001 #5 | SIMALC3 | 1 | Sample | | |
| 15 | Vial 15 | POS CTRL (0.10) | SIMALC3 | 1 | Ctrl Samp | | |
| 16 | Vial 16 | NEG CTRL | SIMALC3 | 1 | Ctrl Samp | | |
| 17 | Vial 17 | 17002 #1 | SIMALC3 | 1 | Sample | | |
| 18 | Vial 18 | 17002 #2 | SIMALC3 | 1 | Sample | | |
| 19 | Vial 19 | 17002 #3 | SIMALC3 | 1 | Sample | | |
| 20 | Vial 20 | 17002 #4 | SIMALC3 | 1 | Sample | | |
| 21 | Vial 21 | 17002 #5 | SIMALC3 | 1 | Sample | | |
| 22 | Vial 22 | POS CTRL (0.10) | SIMALC3 | 1 | Ctrl Samp | | |
| 23 | Vial 23 | NEG CTRL | SIMALC3 | 1 | Ctrl Samp | | |
| 24 | Vial 24 | 17003 #1 | SIMALC3 | 1 | Sample | | |

17001
RLO 1.26.17

Sequence: C:\HPCHEM\2\SEQUENCE\CM-QAP.S

| Line | Location | SampleName | Method | Inj | SampleType | InjVolume | DataFile |
|---|---|---|---|---|---|---|---|
| 25 | Vial 25 | 17003 #2 | SIMALC3 | 1 | Sample | | |
| 26 | Vial 26 | 17003 #3 | SIMALC3 | 1 | Sample | | |
| 27 | Vial 27 | 17003 #4 | SIMALC3 | 1 | Sample | | |
| 28 | Vial 28 | 17003 #5 | SIMALC3 | 1 | Sample | | |
| 29 | Vial 29 | POS CTRL (0.10) | SIMALC3 | 1 | Ctrl Samp | | |
| 30 | Vial 30 | NEG CTRL | SIMALC3 | 1 | Ctrl Samp | | |
| 31 | Vial 31 | 17004 #1 | SIMALC3 | 1 | Sample | | |
| 32 | Vial 32 | 17004 #2 | SIMALC3 | 1 | Sample | | |
| 33 | Vial 33 | 17004 #3 | SIMALC3 | 1 | Sample | | |
| 34 | Vial 34 | 17004 #4 | SIMALC3 | 1 | Sample | | |
| 35 | Vial 35 | 17004 #5 | SIMALC3 | 1 | Sample | | |
| 36 | Vial 36 | POS CTRL (0.10) | SIMALC3 | 1 | Ctrl Samp | | |
| 37 | Vial 37 | NEG CTRL | SIMALC3 | 1 | Ctrl Samp | | |
| 38 | Vial 38 | 17005 #1 | SIMALC3 | 1 | Sample | | |
| 39 | Vial 39 | 17005 #2 | SIMALC3 | 1 | Sample | | |
| 40 | Vial 40 | 17005 #3 | SIMALC3 | 1 | Sample | | |
| 41 | Vial 41 | 17005 #4 | SIMALC3 | 1 | Sample | | |
| 42 | Vial 42 | 17005 #5 | SIMALC3 | 1 | Sample | | |
| 43 | Vial 43 | POS CTRL (0.10) | SIMALC3 | 1 | Ctrl Samp | | |
| 44 | Vial 44 | NEG CTRL | SIMALC3 | 1 | Ctrl Samp | | |

Calibration Part:

| Line | Location | SampleName | Method | CalLev | Update RF | Update RT | Interval |
|---|---|---|---|---|---|---|---|
| 2 | Vial 2 | CAL 1 (0.079) | SIMALC3 | 1 | Replace | Replace | |
| 3 | Vial 3 | CAL 2 (0.158) | SIMALC3 | 2 | Replace | Replace | |
| 4 | Vial 4 | CAL 3 (0.316) | SIMALC3 | 3 | Replace | Replace | |

Sequence Table (Back Injector):

No entries - empty table!

17001
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Method C:\HPCHEM\2\METHODS\SIMALC3.M

## Calibration Table

Calib. Data Modified : Friday, January 06, 2017 10:25:13 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

| ISTD # | ISTD Amount [g/100mL] | Name |
|---|---|---|
| 1 | 1.20000e-2 | n-Propanol |

Signal 1: FID1 A,

| RetTime [min] | Lvl Sig | | Amount [g/100mL] | Area | Amt/Area | Ref | Grp | Name |
|---|---|---|---|---|---|---|---|---|
| 1.023 | 1 | 1 | 8.00100e-2 | 589.69281 | 1.35681e-4 | 1 | | Ethanol |
| | | 2 | 1.61200e-1 | 1125.26477 | 1.43255e-4 | | | |
| | | 3 | 3.21790e-1 | 2296.03223 | 1.40150e-4 | | | |
| 1.747 | 1 | 1 | 1.20000e-2 | 1659.44641 | 7.23133e-6 | I1 | | n-Propanol |
| | | 2 | 1.20000e-2 | 1645.05505 | 7.29459e-6 | | | |
| | | 3 | 1.20000e-2 | 1640.78198 | 7.31359e-6 | | | |

17001
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## Peak Sum Table

***No Entries in table***



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17010664

Method C:\HPCHEM\2\METHODS\SIMALC3.M

==========

Calibration Curves

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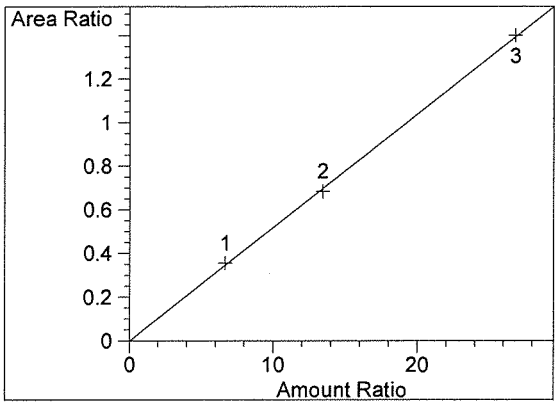
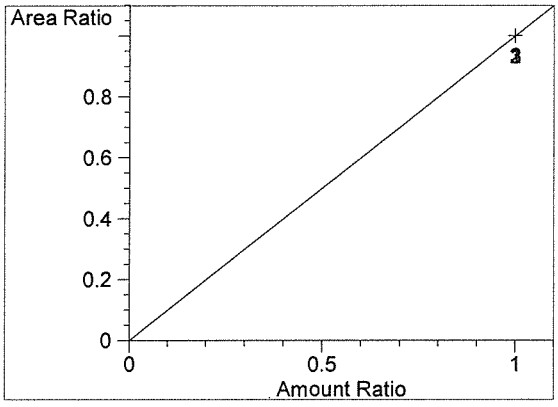



Ethanol at exp. RT: 1.023
FID1 A,
Correlation: 0.99985
Residual Std. Dev.: 0.01243
Formula: y = mx + b
m: 5.20150e-2
b: -4.07977e-4
x: Amount Ratio
y: Area Ratio




n-Propanol at exp. RT: 1.747
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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17001
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BMO 1.26.17
~~17010611~~

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

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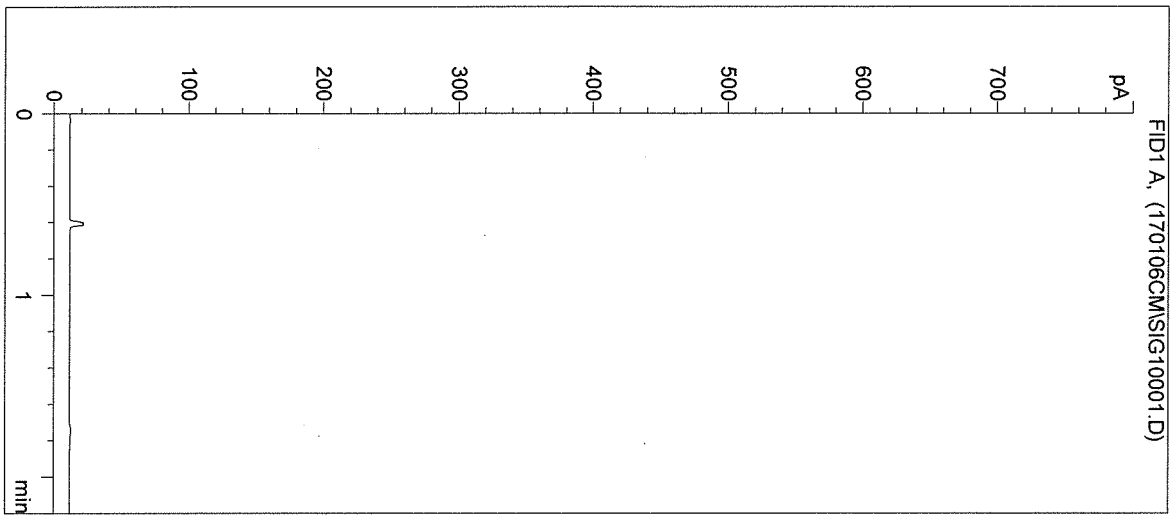
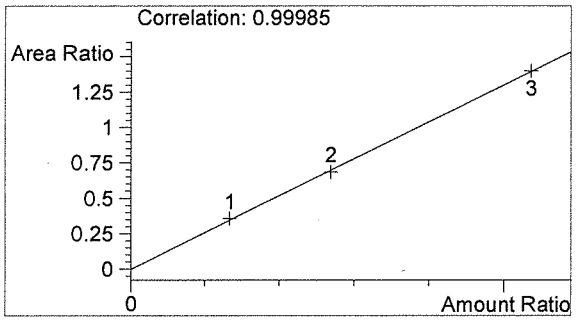
Inj. Date: 1/6/2017 10:13:08 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 17001

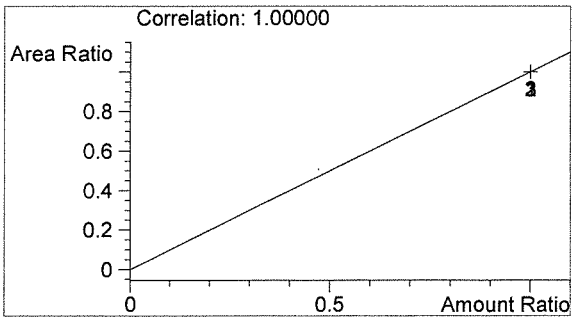
Sample Name: BLANK
Operator: Christie Mitchell-Mata
Location: Vial 1




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




Ethanol 0.000 g/100mL RWO




n-Propanol 0.000 g/100mL

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Data File: C:\HPCHEM\2\DATA\170106CM\SIG10001.D

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2203 Airport Way S Seattle, WA 98134

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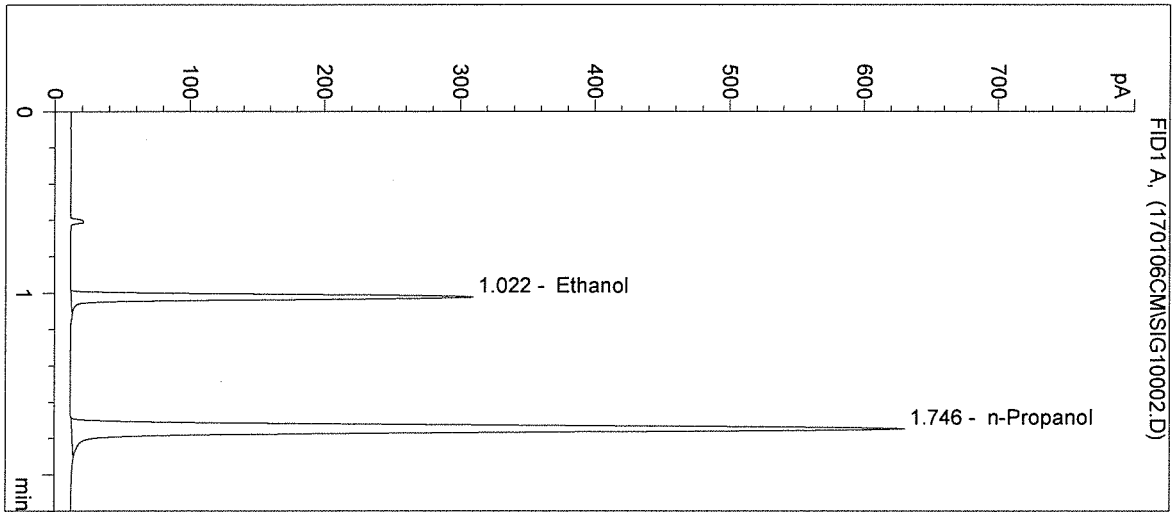
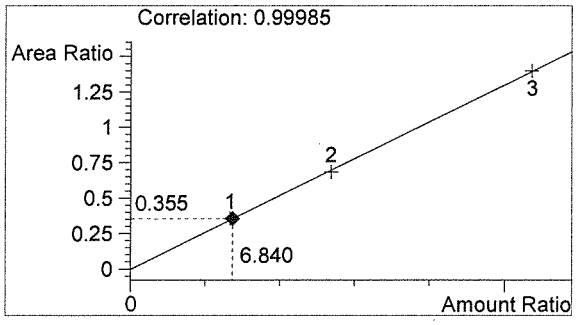
Inj. Date: 1/6/2017 10:16:28 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 17001

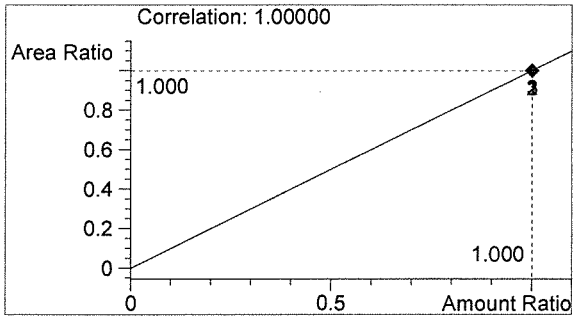
Sample Name: CAL 1 (0.079)
Operator: Christie Mitchell-Mata
Location: Vial 2




| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 590 | 1.022 |
| 2 | n-Propanol | 1659 | 1.746 |




Ethanol 0.082 g/100mL




n-Propanol 0.012 g/100mL

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Data File: C:\HPCHEM\2\DATA\170106CM\SIG10002.D

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2203 Airport Way S Seattle, WA 98134

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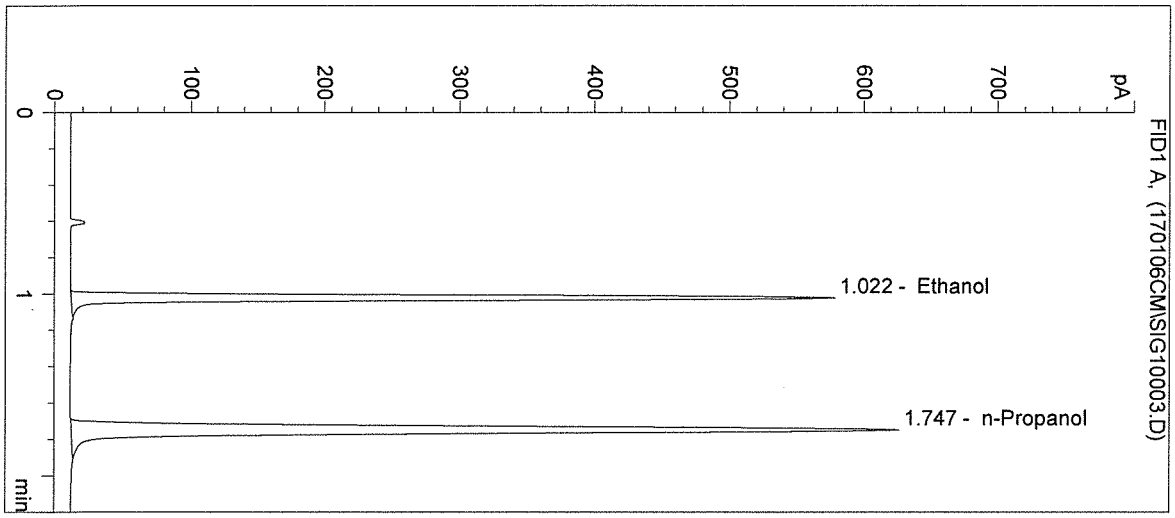
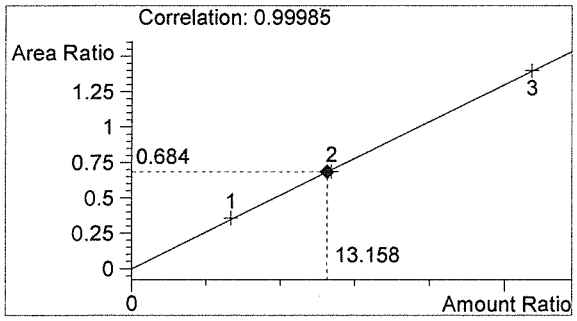
Inj. Date: 1/6/2017 10:19:43 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 17001

Sample Name: CAL 2 (0.158)
Operator: Christie Mitchell-Mata
Location: Vial 3

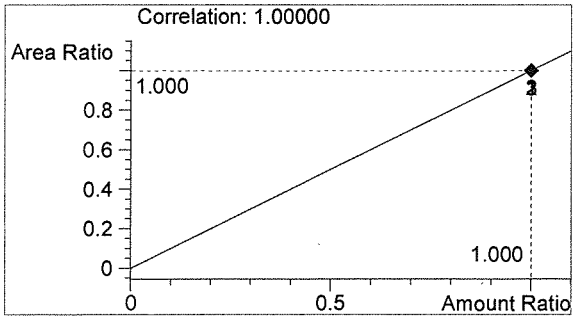



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 1125 | 1.022 |
| 2 | n-Propanol | 1645 | 1.747 |




Ethanol 0.158 g/100mL

BWO




n-Propanol 0.012 g/100mL

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Data File: C:\HPCHEM\2\DATA\170106CM\SIG10003.D

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

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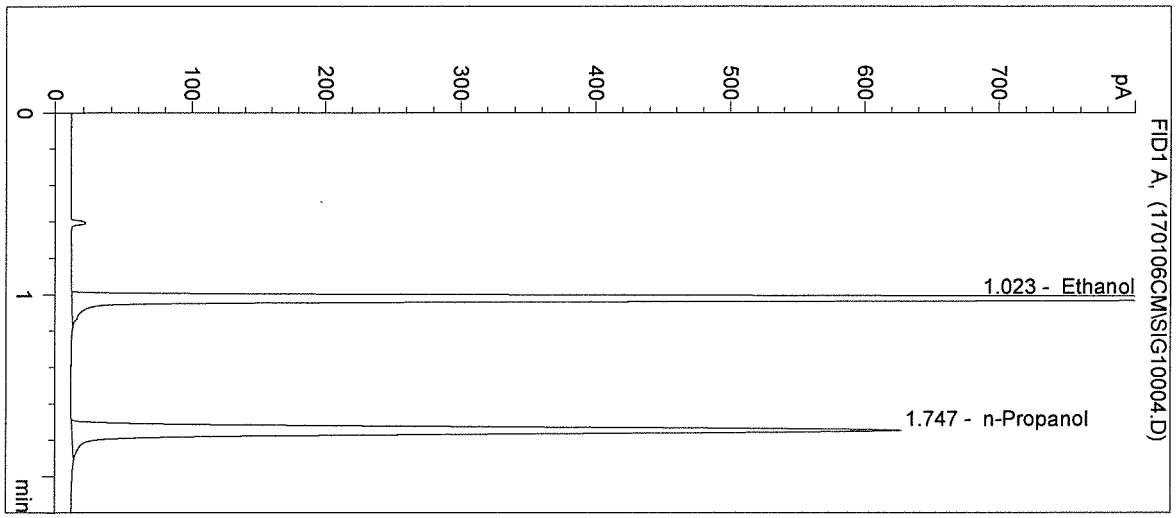
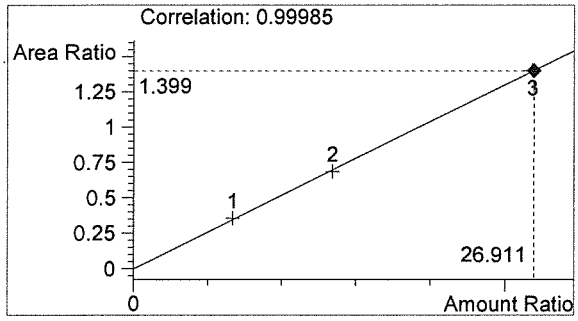
Inj. Date: 1/6/2017 10:23:01 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 17001

Sample Name: CAL 3 (0.316)
Operator: Christie Mitchell-Mata
Location: Vial 4

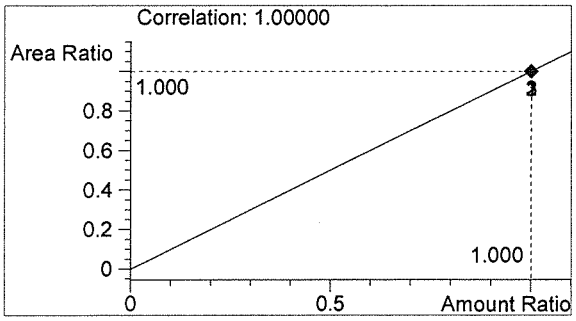



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 2296 | 1.023 |
| 2 | n-Propanol | 1641 | 1.747 |




Ethanol 0.323 g/100mL

BWO




n-Propanol 0.012 g/100mL

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

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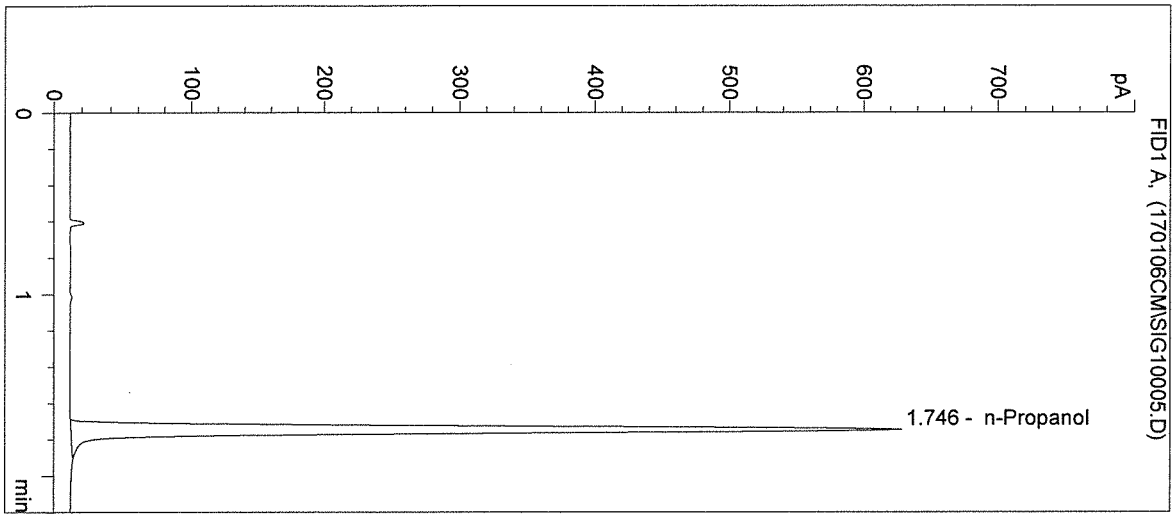
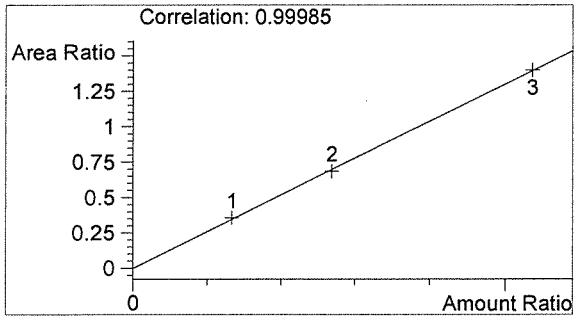
Inj. Date: 1/6/2017 10:26:14 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 17001

Sample Name: NEG CTRL
Operator: Christie Mitchell-Mata
Location: Vial 5

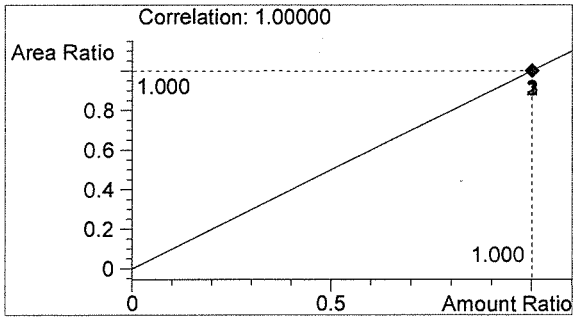



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 1650 | 1.746 |




Ethanol 0.000 g/100mL

BWO




n-Propanol 0.012 g/100mL

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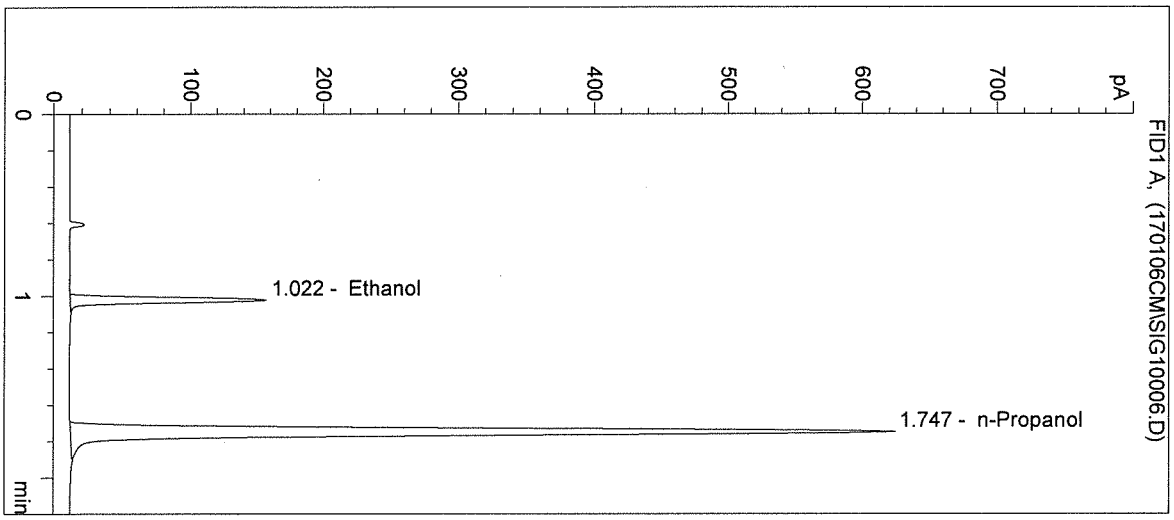
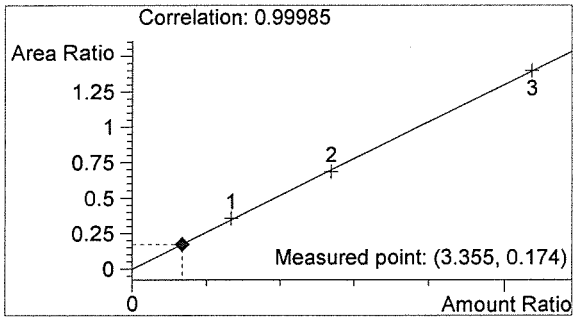
Inj. Date: 1/6/2017 10:29:27 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 17001

Sample Name: CTRL 1 (0.04)
Operator: Christie Mitchell-Mata
Location: Vial 6

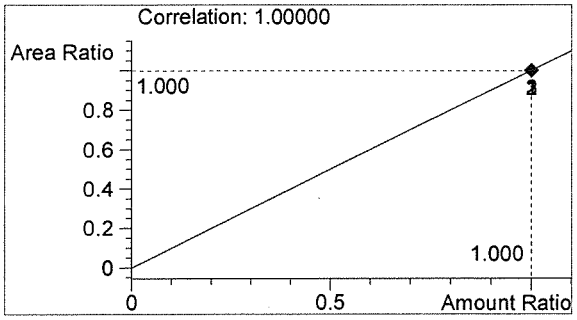



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 285 | 1.022 |
| 2 | n-Propanol | 1636 | 1.747 |




Ethanol 0.040 g/100mL

RWO




n-Propanol 0.012 g/100mL

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Data File: C:\HPCHEM\2\DATA\170106CM\SIG10006.D

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2203 Airport Way S Seattle, WA 98134

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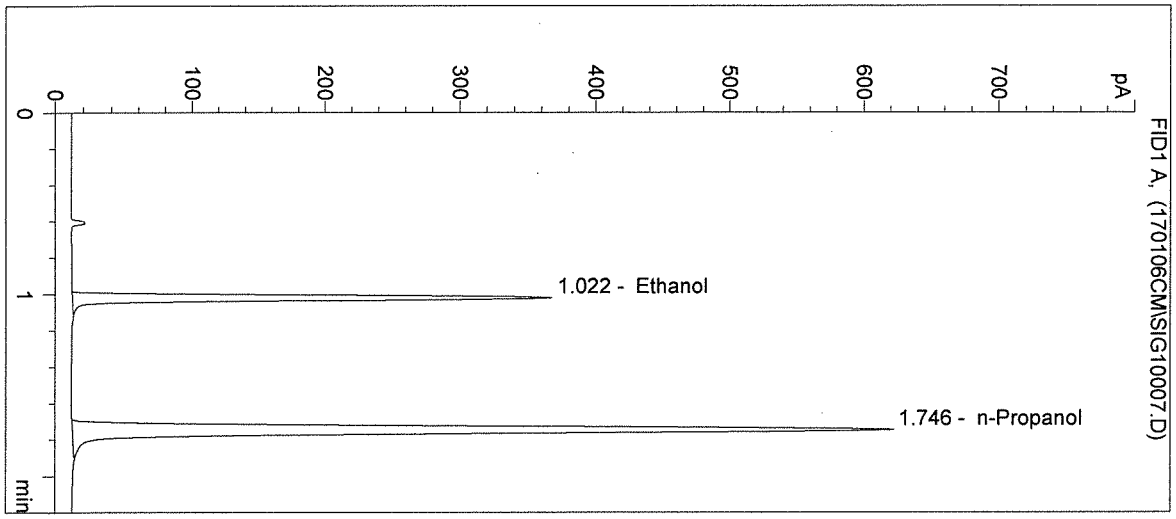
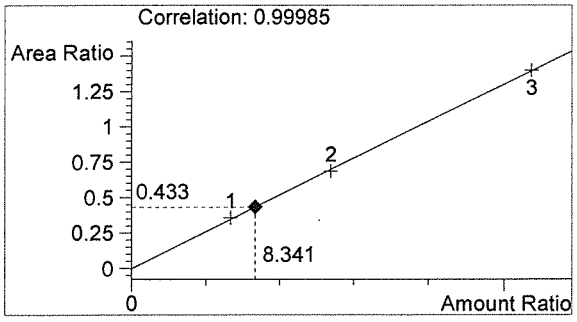
Inj. Date: 1/6/2017 10:32:41 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 17001

Sample Name: CTRL 2 (0.10)
Operator: Christie Mitchell-Mata
Location: Vial 7

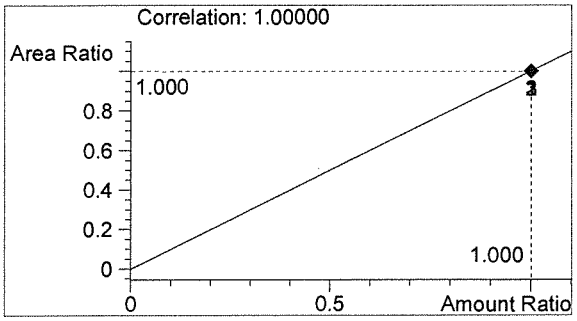



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 710 | 1.022 |
| 2 | n-Propanol | 1639 | 1.746 |




Ethanol 0.100 g/100mL

BWO




n-Propanol 0.012 g/100mL

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Data File: C:\HPCHEM\2\DATA\170106CM\SIG10007.D

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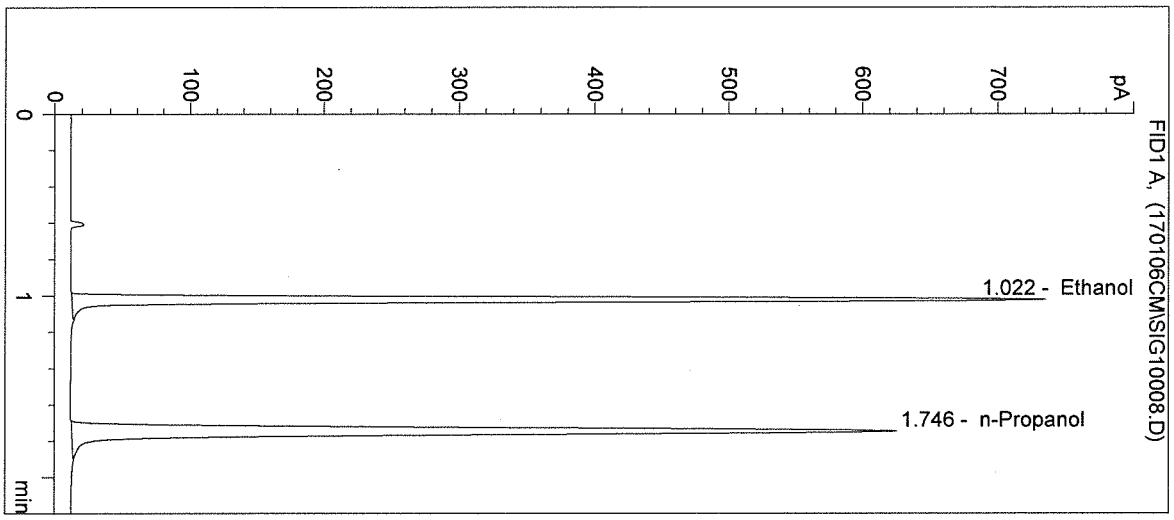
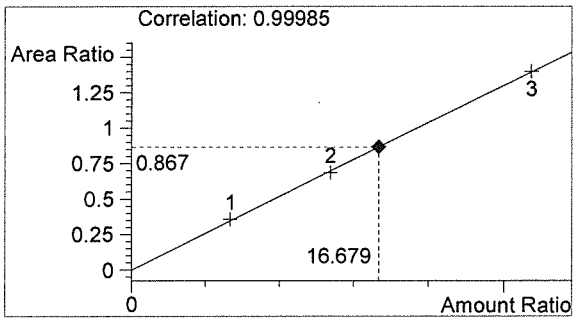
Inj. Date: 1/6/2017 10:35:55 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 17001

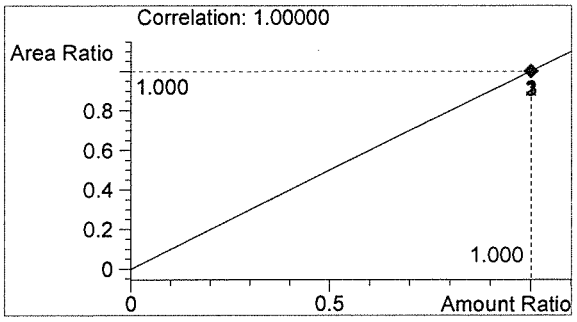
Sample Name: CTRL 3 (0.20)
Operator: Christie Mitchell-Mata
Location: Vial 8




| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 1416 | 1.022 |
| 2 | n-Propanol | 1633 | 1.746 |




Ethanol 0.200 g/100mL




n-Propanol 0.012 g/100mL

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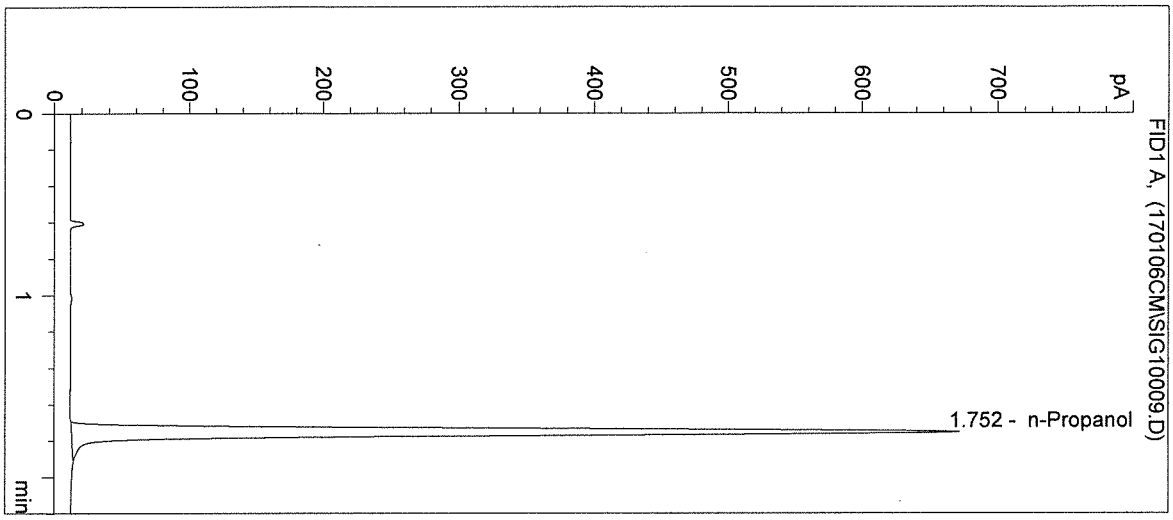
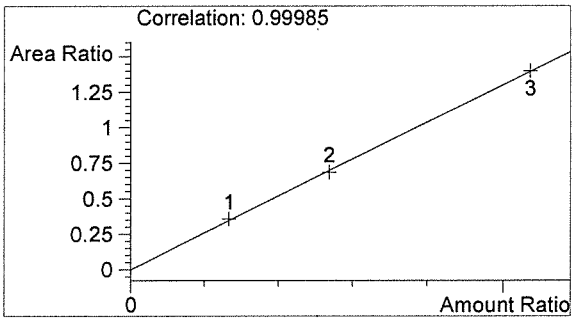
Inj. Date: 1/6/2017 10:39:07 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 17001

Sample Name: NEG CTRL
Operator: Christie Mitchell-Mata
Location: Vial 9

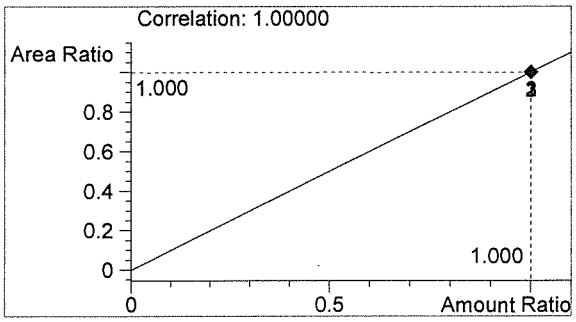



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 1774 | 1.752 |




Ethanol 0.000 g/100mL

BWO




n-Propanol 0.012 g/100mL

CM

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2203 Airport Way S Seattle, WA 98134

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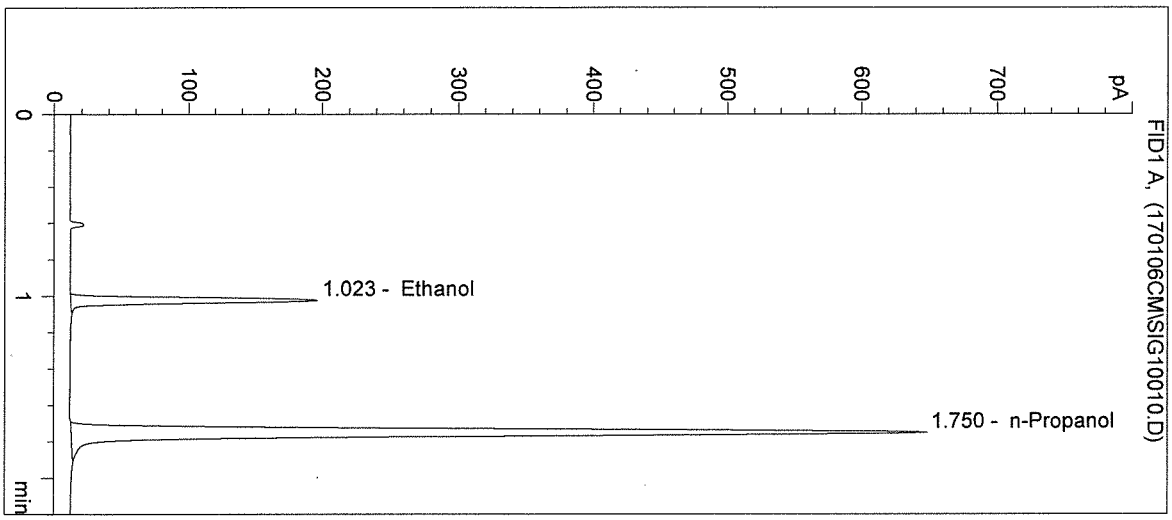
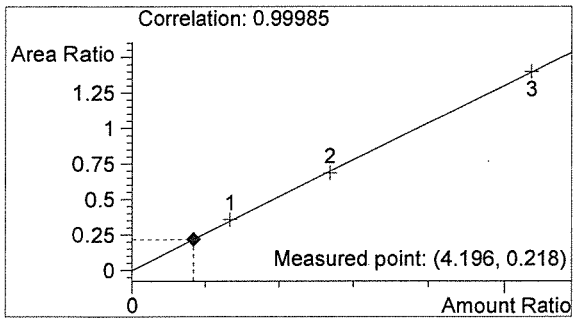
Inj. Date: 1/6/2017 10:42:20 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 17001 #1
Operator: Christie Mitchell-Mata
Location: Vial 10

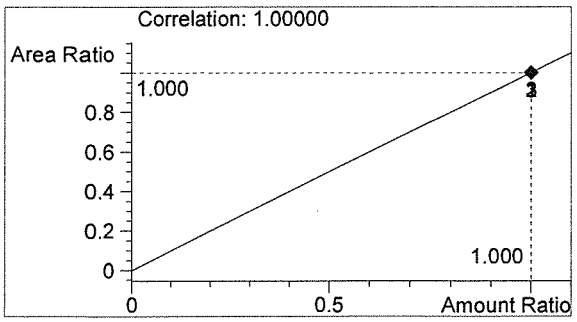



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 373 | 1.023 |
| 2 | n-Propanol | 1713 | 1.750 |




Ethanol 0.050 g/100mL

Duo




n-Propanol 0.012 g/100mL

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Data File: C:\HPCHEM\2\DATA\170106CM\SIG10010.D

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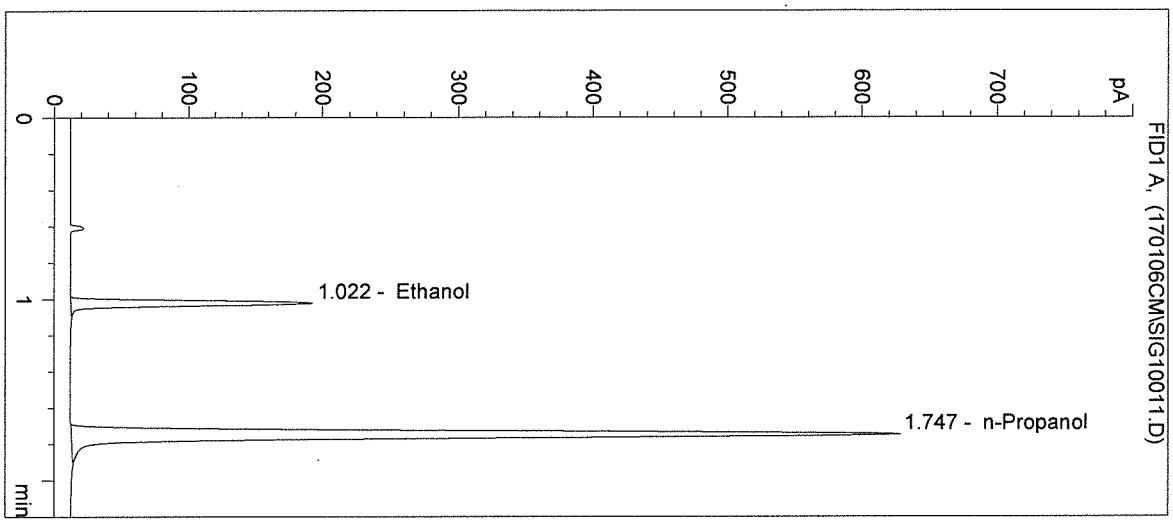
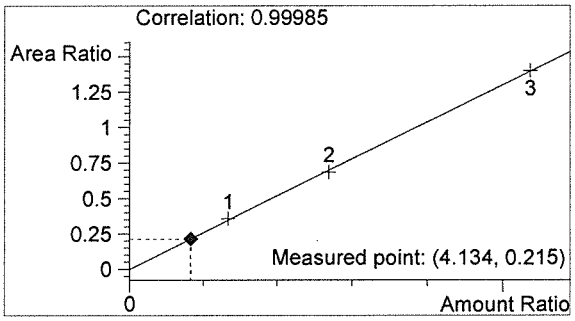
Inj. Date: 1/6/2017 10:45:34 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

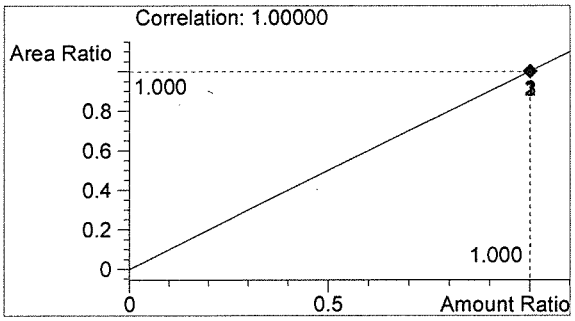
Sample Name: 17001 #2
Operator: Christie Mitchell-Mata
Location: Vial 11




| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 354 | 1.022 |
| 2 | n-Propanol | 1650 | 1.747 |




Ethanol 0.050 g/100mL




n-Propanol 0.012 g/100mL

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2203 Airport Way S Seattle, WA 98134

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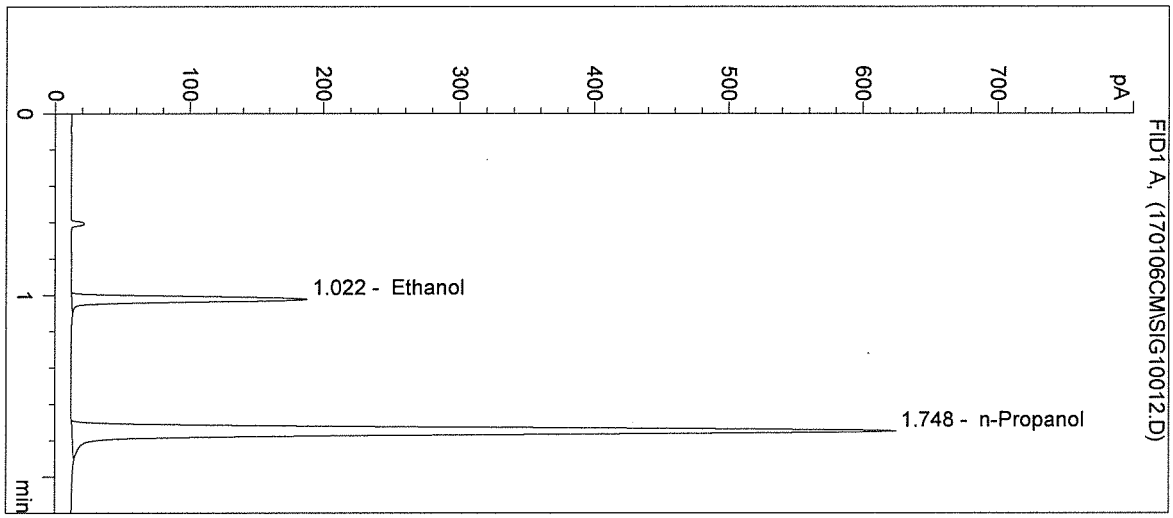
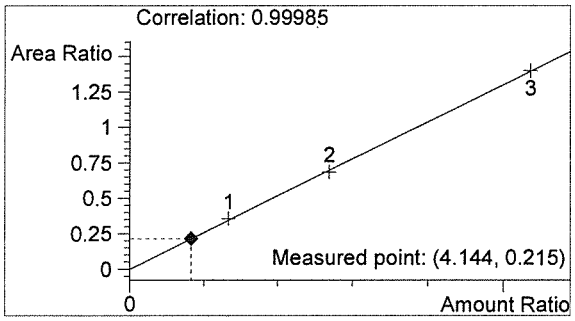
Inj. Date: 1/6/2017 10:48:47 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 17001 #3
Operator: Christie Mitchell-Mata
Location: Vial 12

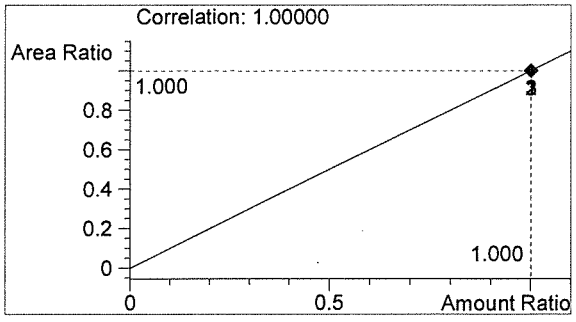



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 354 | 1.022 |
| 2 | n-Propanol | 1643 | 1.748 |




Ethanol 0.050 g/100mL

RWO




n-Propanol 0.012 g/100mL

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Data File: C:\HPCHEM\2\DATA\170106CM\SIG10012.D

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

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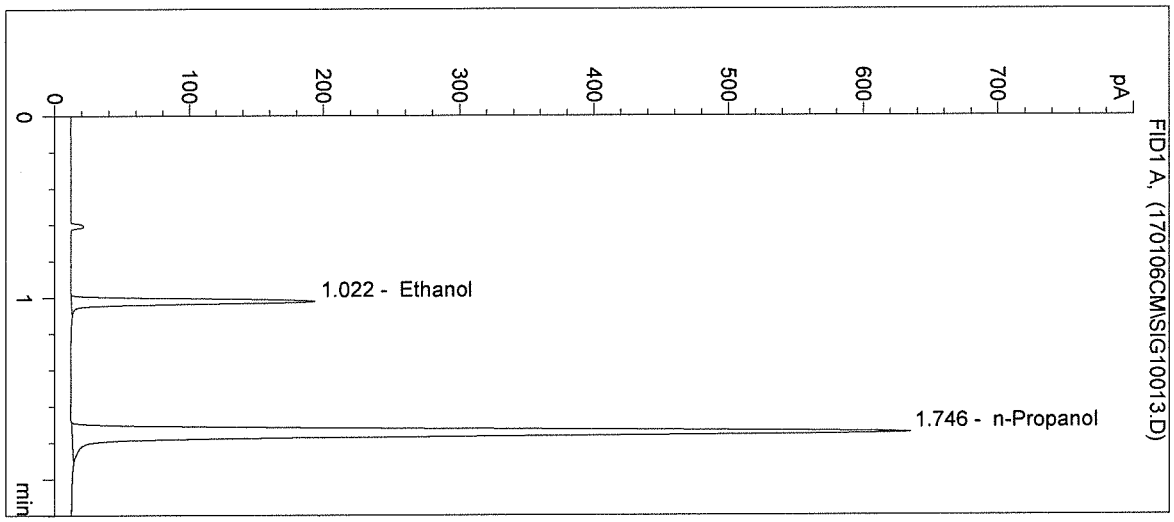
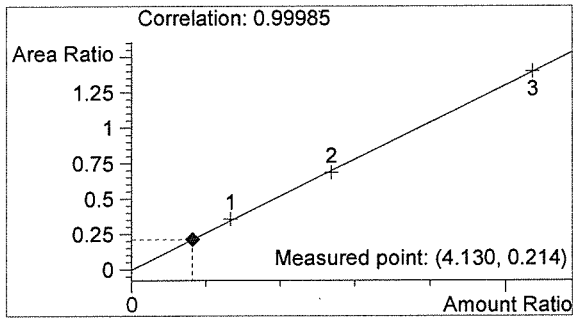
Inj. Date: 1/6/2017 10:52:00 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

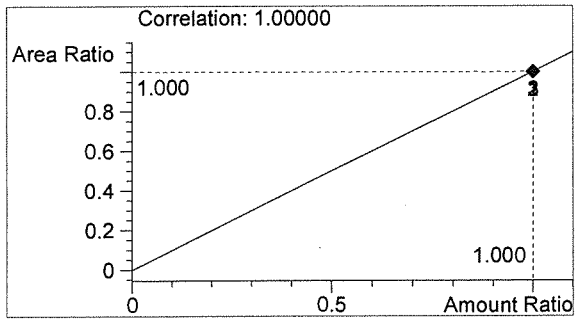
Sample Name: 17001 #4
Operator: Christie Mitchell-Mata
Location: Vial 13




| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 356 | 1.022 |
| 2 | n-Propanol | 1662 | 1.746 |




Ethanol 0.050 g/100mL




n-Propanol 0.012 g/100mL

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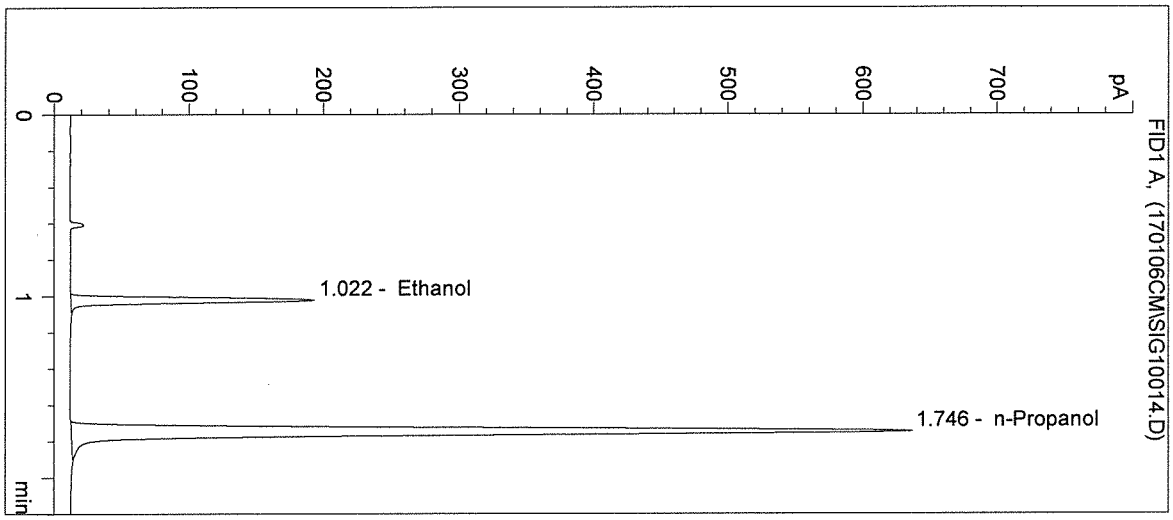
2203 Airport Way S Seattle, WA 98134

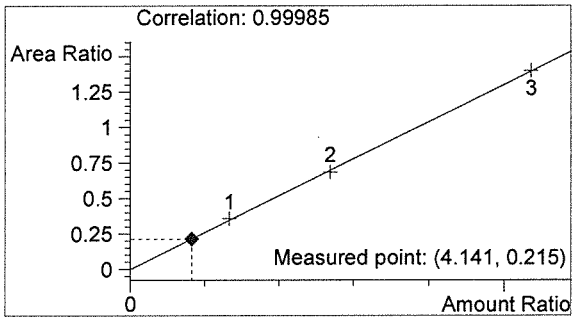
---

Inj. Date: 1/6/2017 10:55:14 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info:

Sample Name: 17001 #5
Operator: Christie Mitchell-Mata
Location: Vial 14

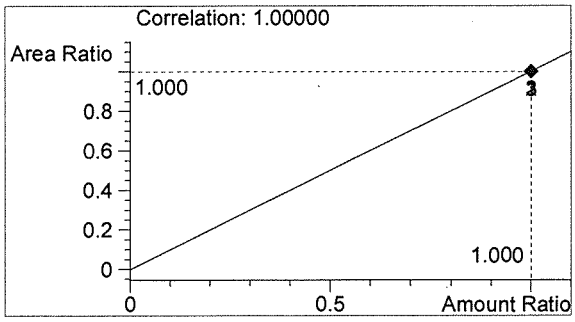



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 359 | 1.022 |
| 2 | n-Propanol | 1671 | 1.746 |




Ethanol 0.050 g/100mL

BWO




n-Propanol 0.012 g/100mL

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Data File: C:\HPCHEM\2\DATA\170106CM\SIG10014.D

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2203 Airport Way S Seattle, WA 98134

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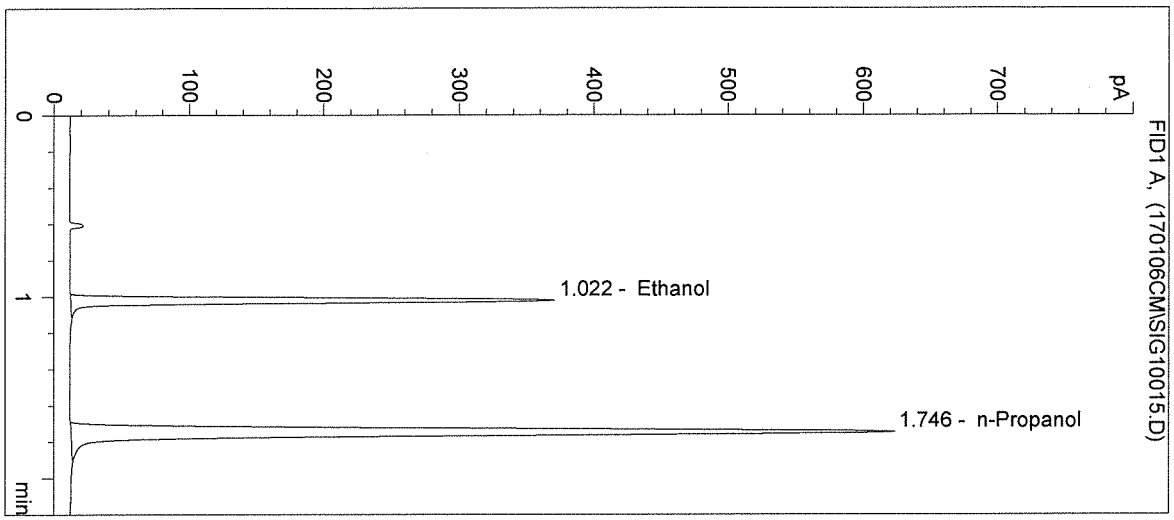
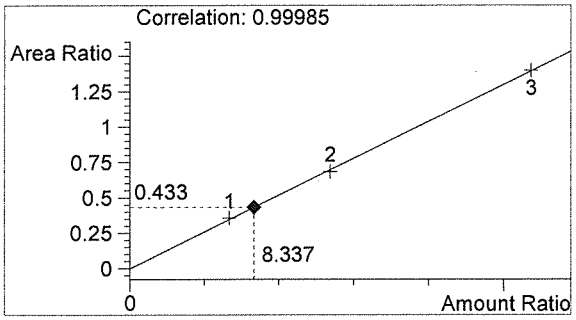
Inj. Date: 1/6/2017 10:58:27 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 17001

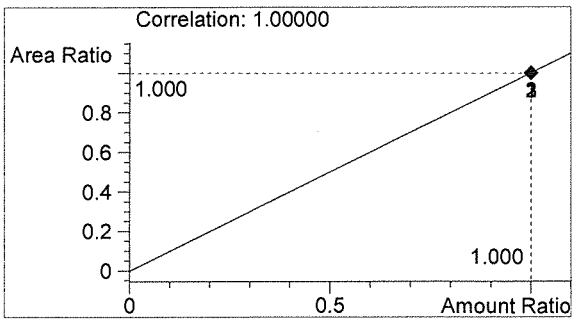
Sample Name: POS CTRL (0.10)
Operator: Christie Mitchell-Mata
Location: Vial 15




| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 709 | 1.022 |
| 2 | n-Propanol | 1637 | 1.746 |




Ethanol 0.100 g/100mL




n-Propanol 0.012 g/100mL

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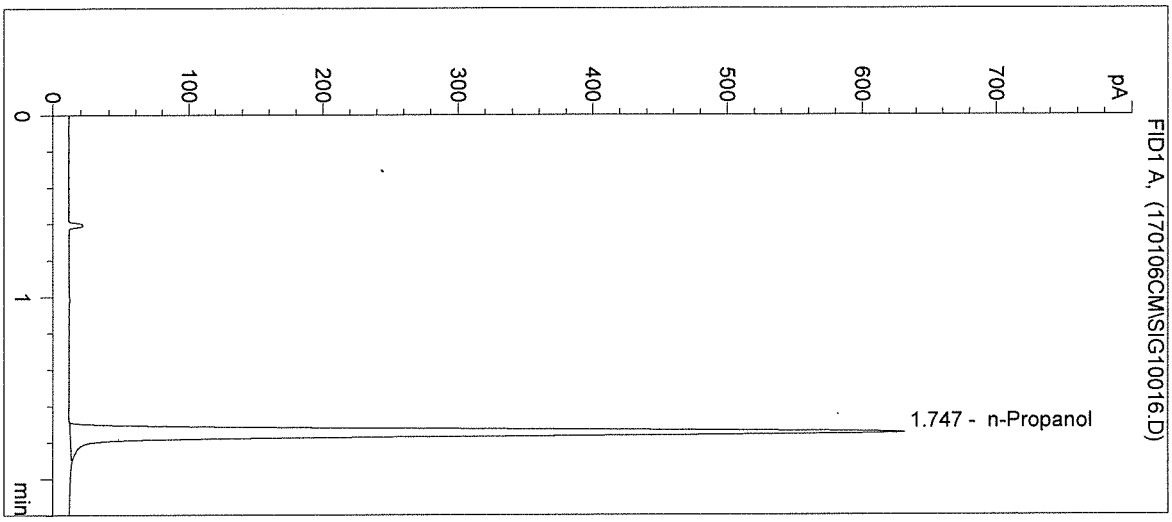
2203 Airport Way S Seattle, WA 98134

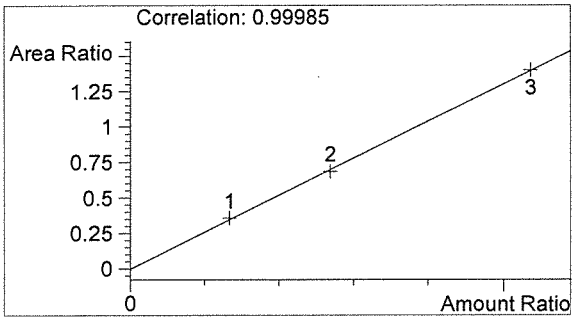
---

Inj. Date: 1/6/2017 11:01:40 AM
Instrument: HSGC#3
Column: DB-ALC2
Method: C:\HPCHEM\2\METHODS\SIMALC3.M
Sample Info: 17001

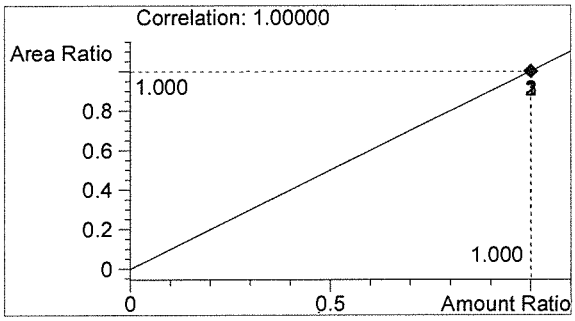
Sample Name: NEG CTRL
Operator: Christie Mitchell-Mata
Location: Vial 16




| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 1656 | 1.747 |




Ethanol 0.000 g/100mL




n-Propanol 0.012 g/100mL

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Sequence: C:\HPCHEM\1\SEQUENCE\AGQAPS.S

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: | 170109AG |
| 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

n-Propanol ISTD - LOT# P1116 - 2/23/2017
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 2/2021

Calibrators and controls filed with 17001
Dilutor #1

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 17001 #1 | SIMALC1 | 1 | Sample | | |
| 11 | Vial 11 | QAP 17001 #2 | SIMALC1 | 1 | Sample | | |
| 12 | Vial 12 | QAP 17001 #3 | SIMALC1 | 1 | Sample | | |
| 13 | Vial 13 | QAP 17001 #4 | SIMALC1 | 1 | Sample | | |
| 14 | Vial 14 | QAP 17001 #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 17002 #1 | SIMALC1 | 1 | Sample | | |
| 18 | Vial 18 | QAP 17002 #2 | SIMALC1 | 1 | Sample | | |
| 19 | Vial 19 | QAP 17002 #3 | SIMALC1 | 1 | Sample | | |
| 20 | Vial 20 | QAP 17002 #4 | SIMALC1 | 1 | Sample | | |
| 21 | Vial 21 | QAP 17002 #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 17003 #1 | SIMALC1 | 1 | Sample | | |

17001
BUO 1.26.17

Sequence: C:\HPCHEM\1\SEQUENCE\AGQAPS.S

| Line | Location | SampleName | Method | Inj | SampleType | InjVolume | DataFile |
|---|---|---|---|---|---|---|---|
| 25 | Vial 25 | QAP 17003 #2 | SIMALC1 | 1 | Sample | | |
| 26 | Vial 26 | QAP 17003 #3 | SIMALC1 | 1 | Sample | | |
| 27 | Vial 27 | QAP 17003 #4 | SIMALC1 | 1 | Sample | | |
| 28 | Vial 28 | QAP 17003 #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 17004 #1 | SIMALC1 | 1 | Sample | | |
| 32 | Vial 32 | QAP 17004 #2 | SIMALC1 | 1 | Sample | | |
| 33 | Vial 33 | QAP 17004 #3 | SIMALC1 | 1 | Sample | | |
| 34 | Vial 34 | QAP 17004 #4 | SIMALC1 | 1 | Sample | | |
| 35 | Vial 35 | QAP 17004 #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 17005 #1 | SIMALC1 | 1 | Sample | | |
| 39 | Vial 39 | QAP 17005 #2 | SIMALC1 | 1 | Sample | | |
| 40 | Vial 40 | QAP 17005 #3 | SIMALC1 | 1 | Sample | | |
| 41 | Vial 41 | QAP 17005 #4 | SIMALC1 | 1 | Sample | | |
| 42 | Vial 42 | QAP 17005 #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!

17001
RWO 1.26.17

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

## Calibration Table

Calib. Data Modified : Monday, January 09, 2017 3:16:57 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

| ISTD # | ISTD Amount [g/100mL] | Name |
|---|---|---|
| 1 | 1.20000e-2 | n-Propanol |

17001
Rec 1.26.17

Signal 1: FID1 A,

| RetTime [min] | Sig | Lvl | Amount [g/100mL] | Area | Amt/Area | Ref | Grp | Name |
|---|---|---|---|---|---|---|---|---|
| 1.083 | 1 | 1 | 8.00100e-2 | 995.80573 | 8.03470e-5 | 1 | | Ethanol |
| | | 2 | 1.61200e-1 | 1991.01208 | 8.09638e-5 | | | |
| | | 3 | 3.21790e-1 | 3864.22363 | 8.32742e-5 | | | |
| 1.762 | 1 | 1 | 1.20000e-2 | 2915.55273 | 4.11586e-6 | I1 | | n-Propanol |
| | | 2 | 1.20000e-2 | 2919.36792 | 4.11048e-6 | | | |
| | | 3 | 1.20000e-2 | 2842.90527 | 4.22103e-6 | | | |

## Peak Sum Table

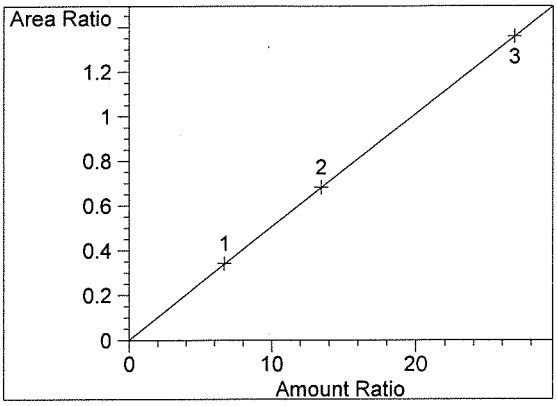
***No Entries in table***

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

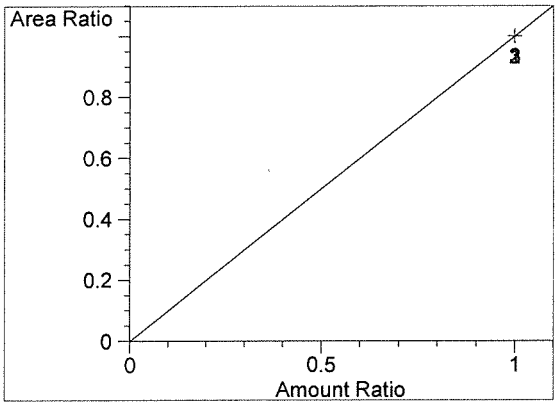
==========

Calibration Curves

==========




Ethanol at exp. RT: 1.083
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00199
Formula: y = mx + b
m: 5.06470e-2
b: 1.65327e-3
x: Amount Ratio
y: Area Ratio




n-Propanol at exp. RT: 1.762
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

17001
BLO 1.26.17

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2203 Airport Way S Seattle, WA 98134

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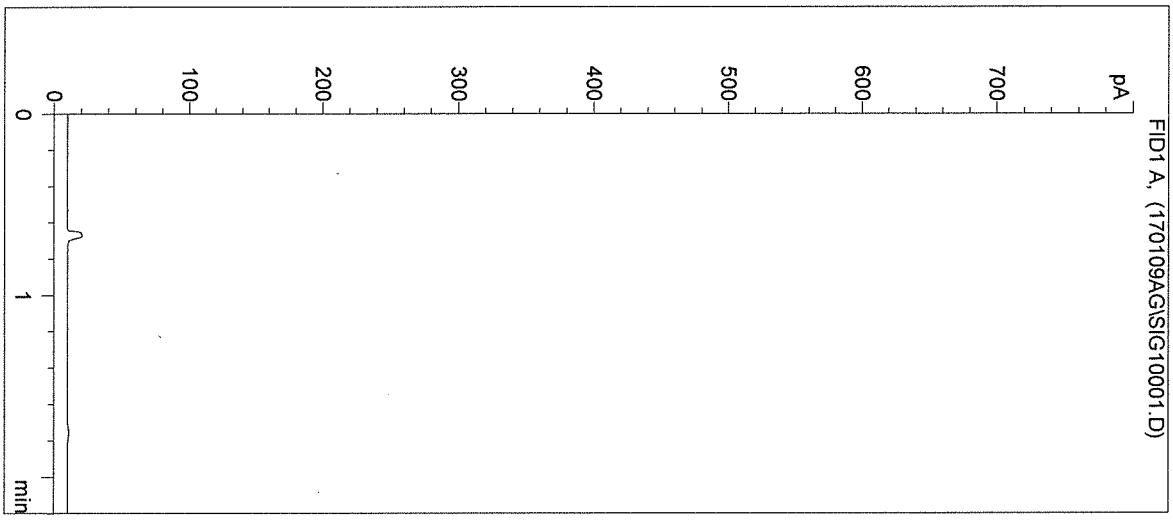
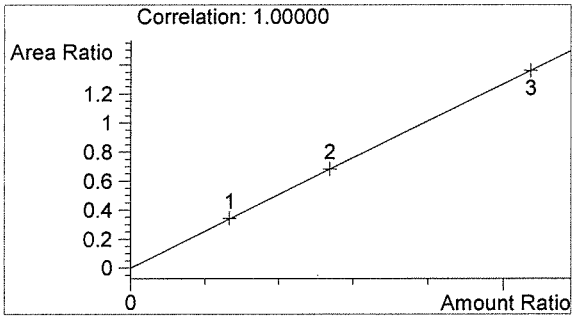
Inj. Date: 1/9/2017 3:04:52 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17001

Sample Name: BLANK
Operator: Andrew Gingras
Location: Vial 1

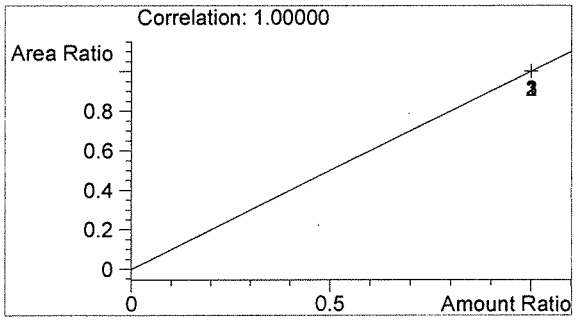



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 0 | 0.000 |




Ethanol 0.000 g/100mL

BWD




n-Propanol 0.000 g/100mL

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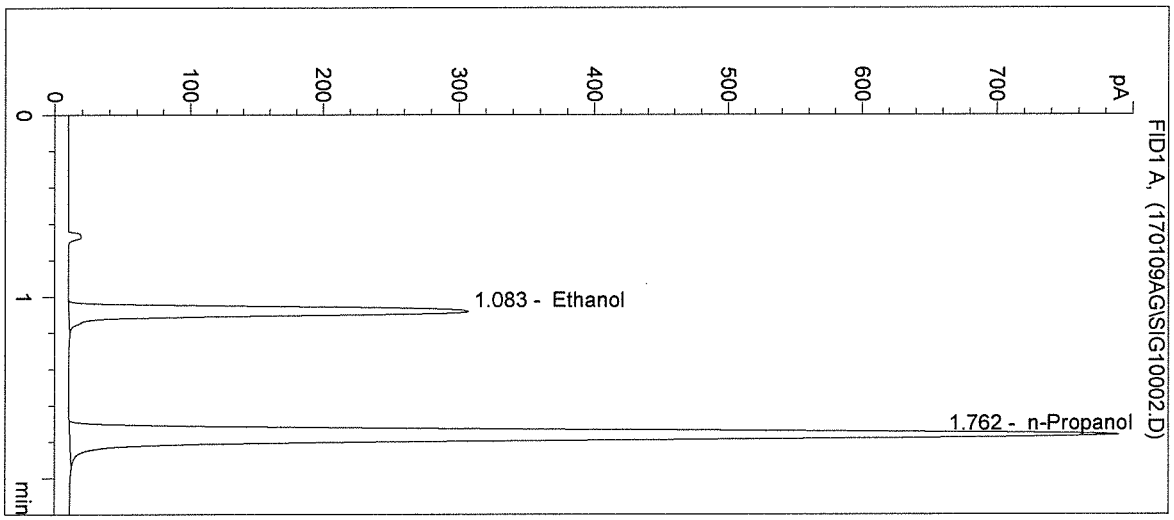
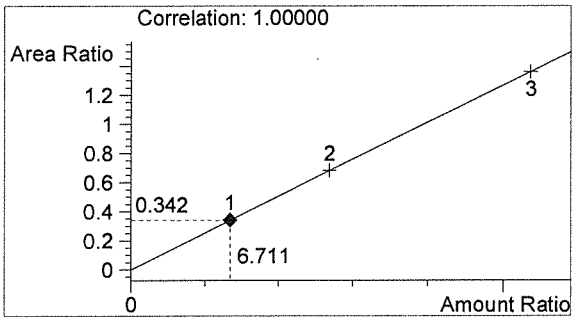
Inj. Date: 1/9/2017 3:08:12 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17001

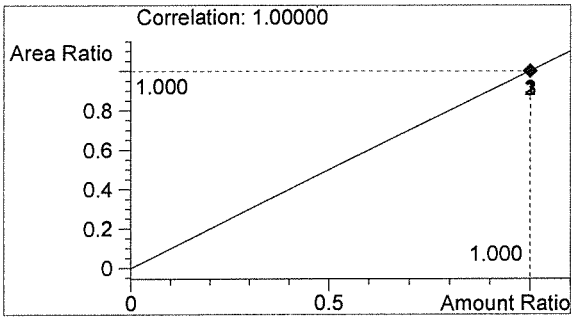
Sample Name: 0.079 CAL 1
Operator: Andrew Gingras
Location: Vial 2




| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 996 | 1.083 |
| 2 | n-Propanol | 2916 | 1.762 |




Ethanol 0.081 g/100mL




n-Propanol 0.012 g/100mL

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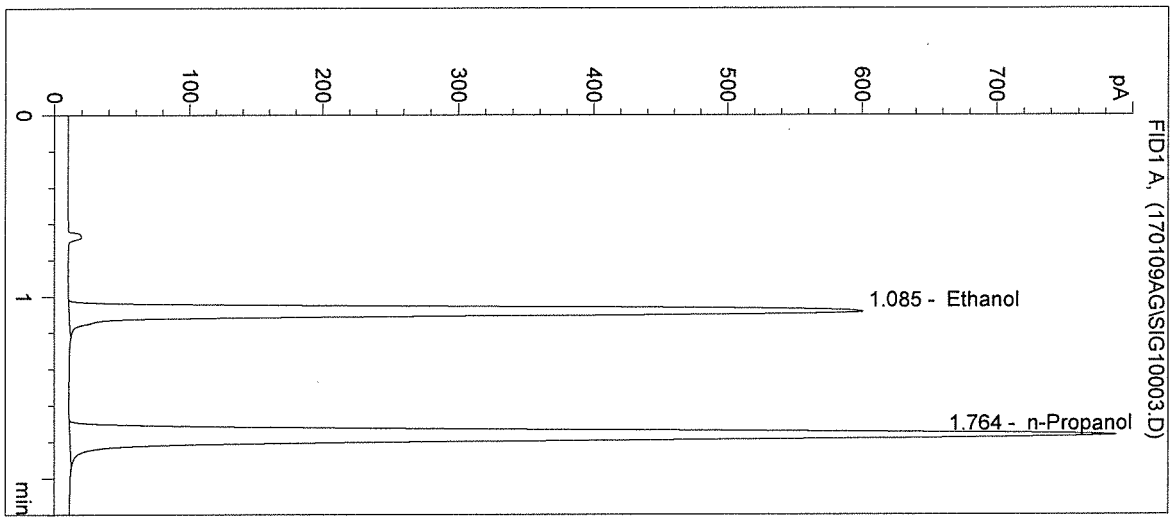
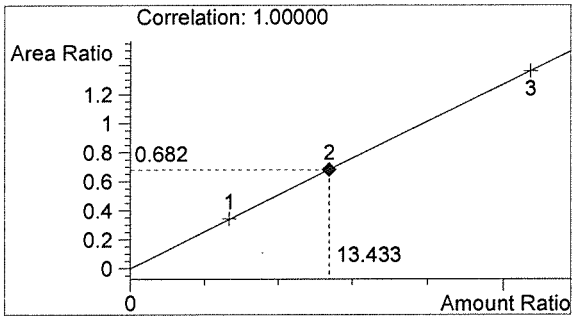
Inj. Date: 1/9/2017 3:11:27 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17001

Sample Name: 0.158 CAL 2
Operator: Andrew Gingras
Location: Vial 3

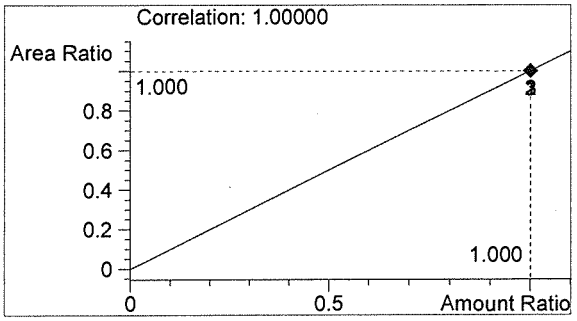



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 1991 | 1.085 |
| 2 | n-Propanol | 2919 | 1.764 |




Ethanol 0.161 g/100mL

BWO




n-Propanol 0.012 g/100mL

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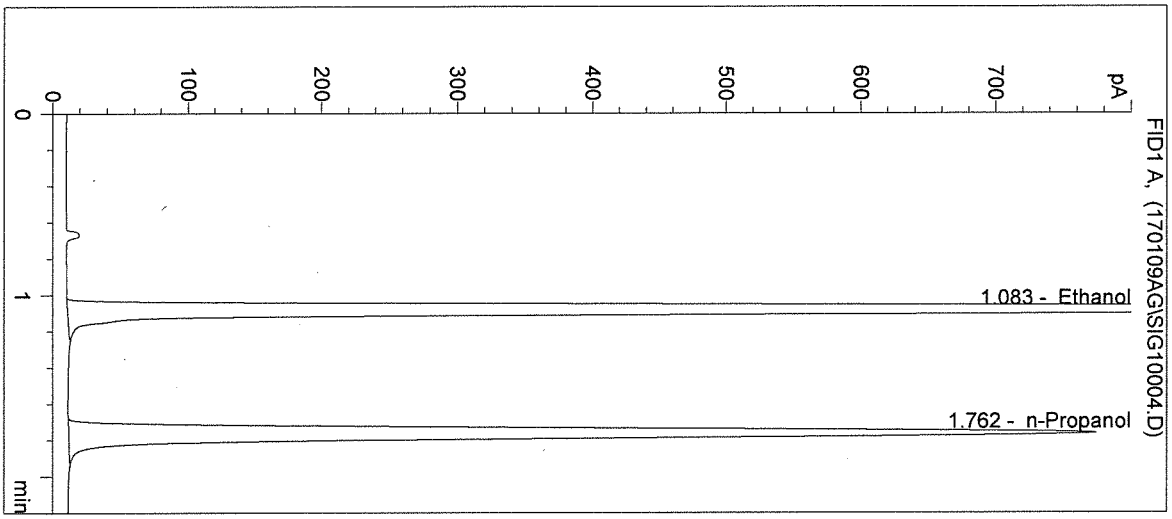
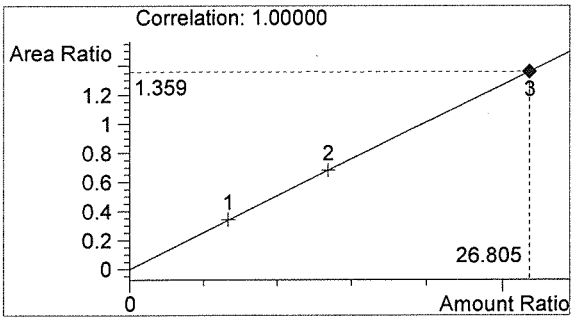
Inj. Date: 1/9/2017 3:14:44 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17001

Sample Name: 0.316 CAL 3
Operator: Andrew Gingras
Location: Vial 4

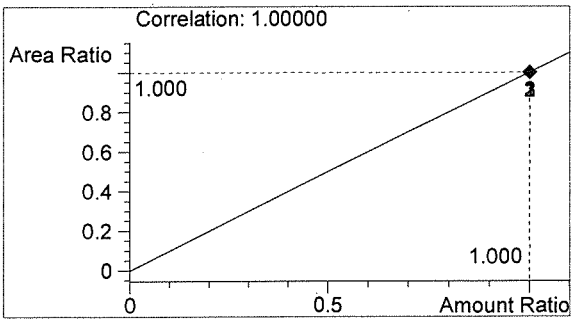



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 3864 | 1.083 |
| 2 | n-Propanol | 2843 | 1.762 |




Ethanol 0.322 g/100mL

RWO




n-Propanol 0.012 g/100mL

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Data File: C:\HPCHEM\1\DATA\170109AG\SIG10004.D

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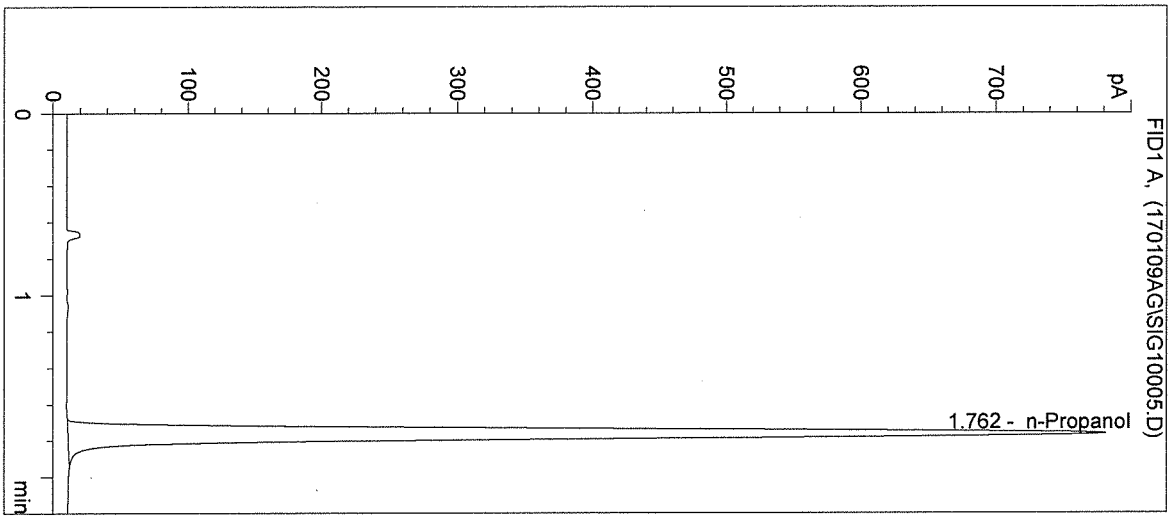
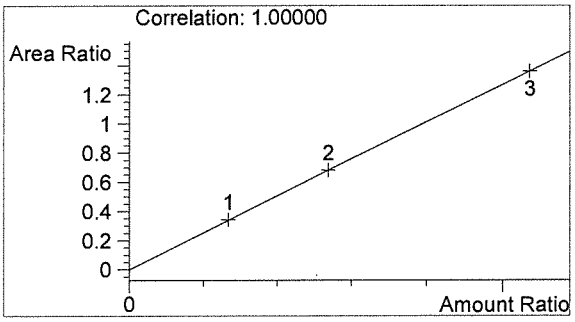
Inj. Date: 1/9/2017 3:17:58 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17001

Sample Name: NEG CTRL
Operator: Andrew Gingras
Location: Vial 5

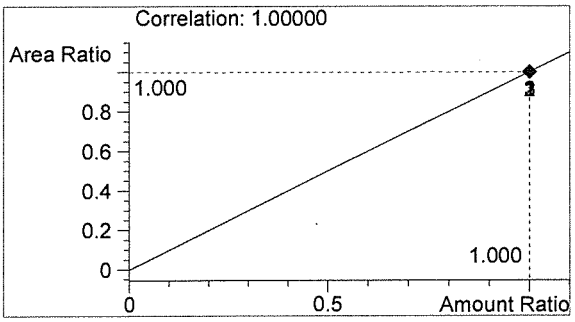



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 2888 | 1.762 |




Ethanol 0.000 g/100mL

RWO




n-Propanol 0.012 g/100mL

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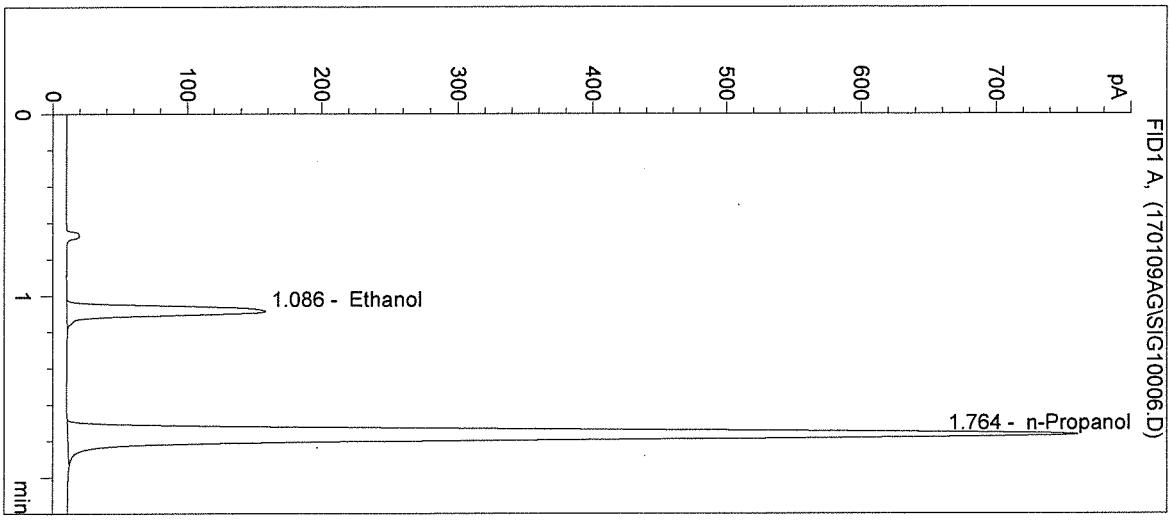
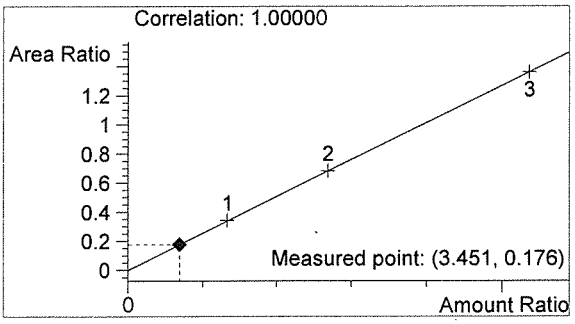
Inj. Date: 1/9/2017 3:21:11 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17001

Sample Name: 0.04 CTRL
Operator: Andrew Gingras
Location: Vial 6

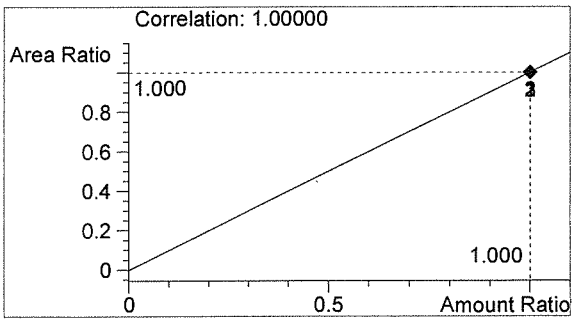



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 497 | 1.086 |
| 2 | n-Propanol | 2815 | 1.764 |




Ethanol 0.041 g/100mL

BMO




n-Propanol 0.012 g/100mL

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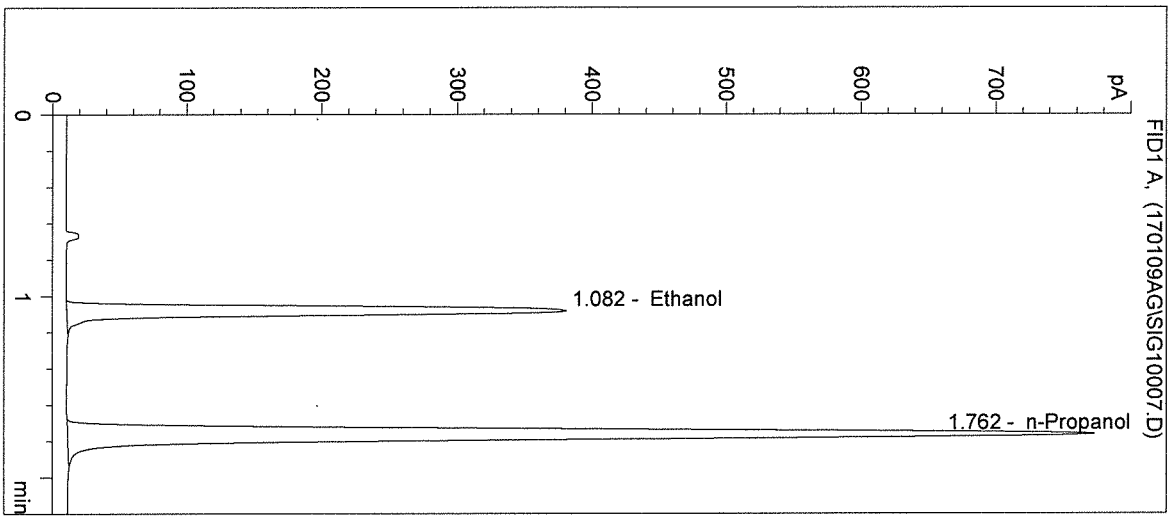
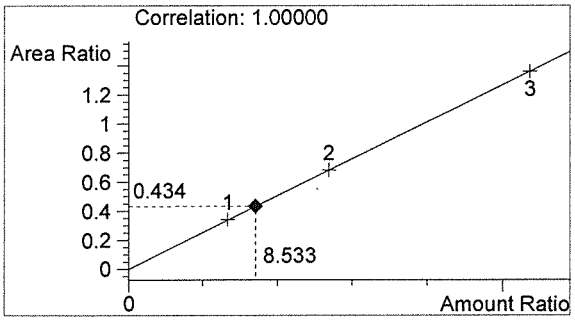
Inj. Date: 1/9/2017 3:24:24 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17001

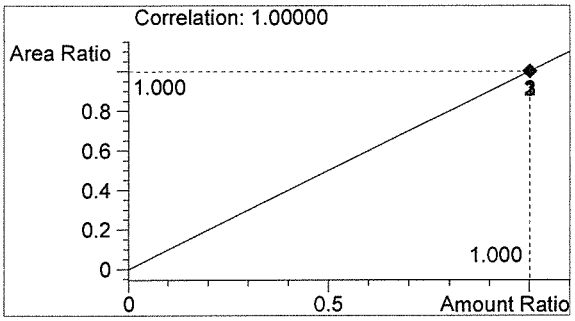
Sample Name: 0.10 CTRL
Operator: Andrew Gingras
Location: Vial 7




| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 1239 | 1.082 |
| 2 | n-Propanol | 2856 | 1.762 |




Ethanol 0.102 g/100mL




n-Propanol 0.012 g/100mL

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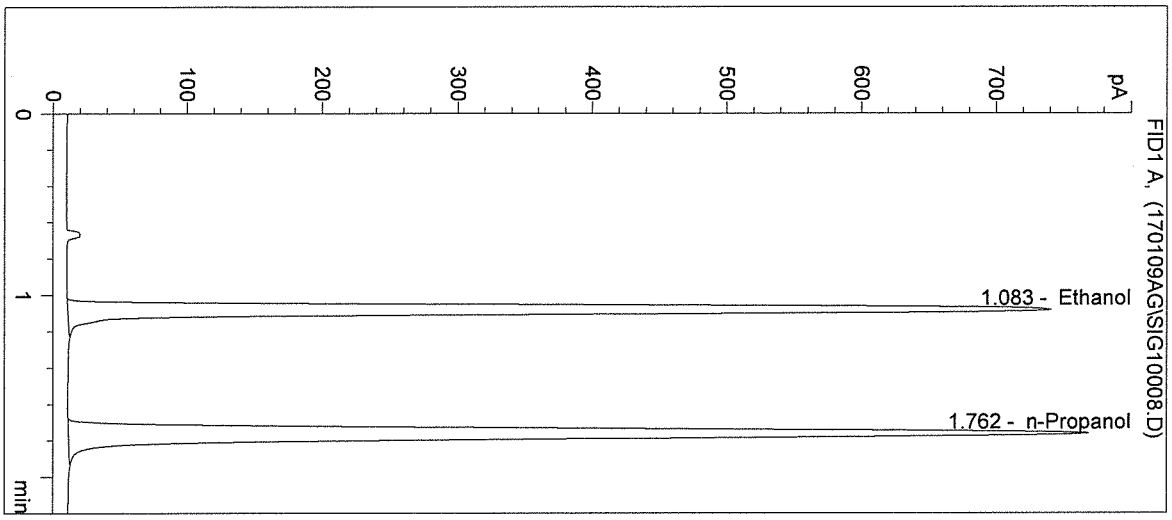
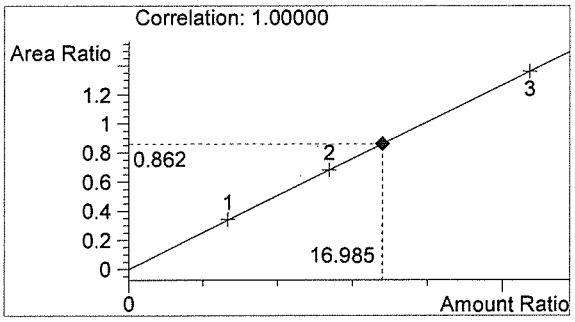
---

Inj. Date: 1/9/2017 3:27:38 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17001

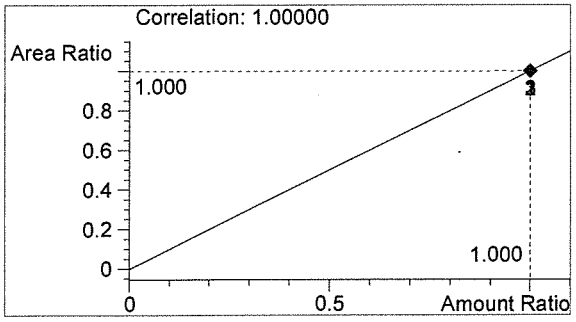
Sample Name: 0.20 CTRL
Operator: Andrew Gingras
Location: Vial 8




| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 2445 | 1.083 |
| 2 | n-Propanol | 2836 | 1.762 |




Ethanol 0.204 g/100mL




n-Propanol 0.012 g/100mL

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Data File: C:\HPCHEM\1\DATA\170109AG\SIG10008.D

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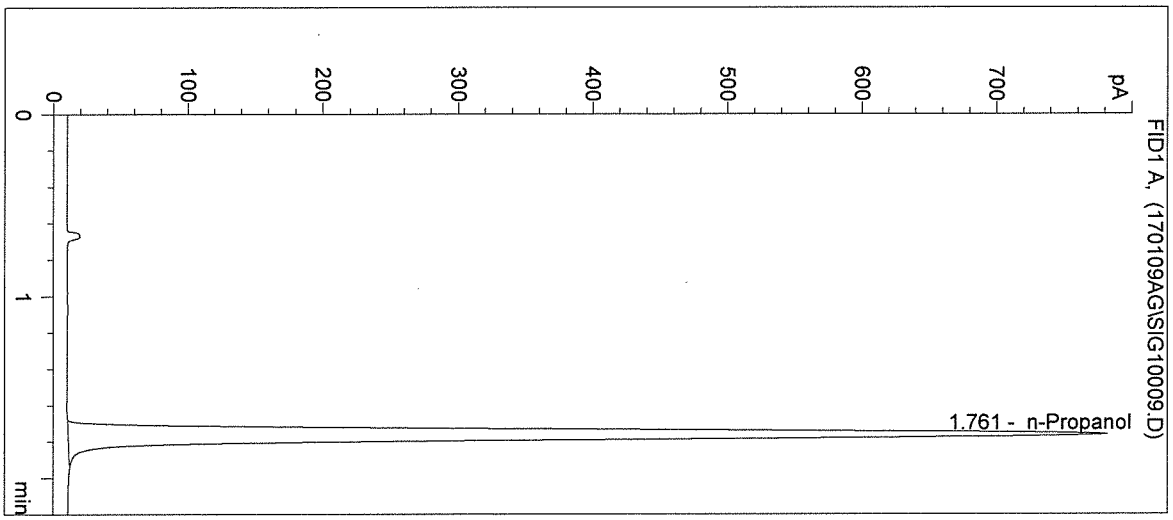
2203 Airport Way S Seattle, WA 98134

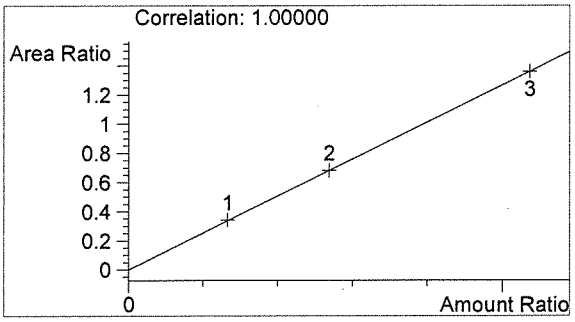
---

Inj. Date: 1/9/2017 3:30:51 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17001

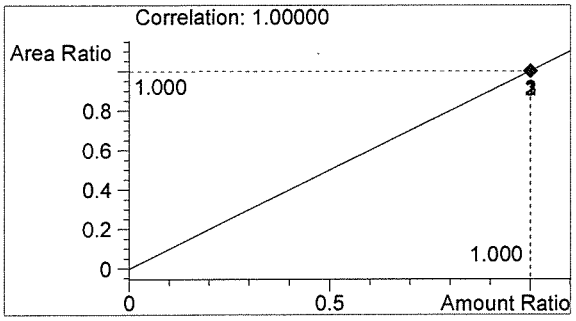
Sample Name: NEG CTRL
Operator: Andrew Gingras
Location: Vial 9




| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 2883 | 1.761 |




Ethanol 0.000 g/100mL




n-Propanol 0.012 g/100mL

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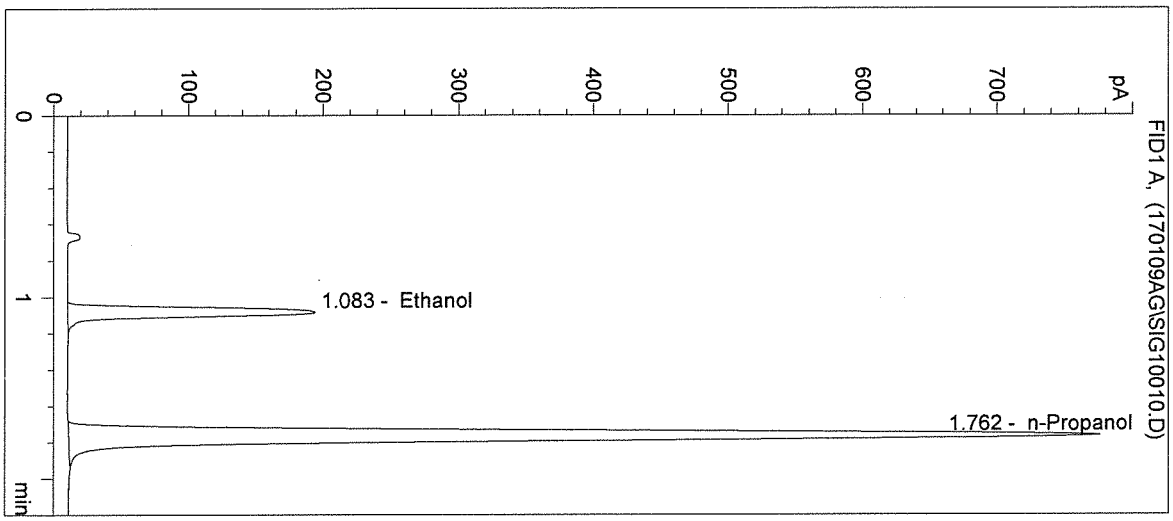
2203 Airport Way S Seattle, WA 98134

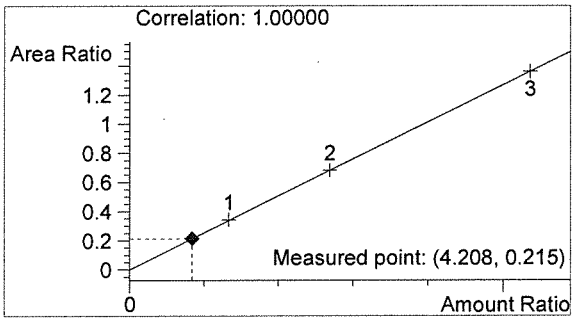
---

Inj. Date: 1/9/2017 3:34:04 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: QAP 17001 #1
Operator: Andrew Gingras
Location: Vial 10

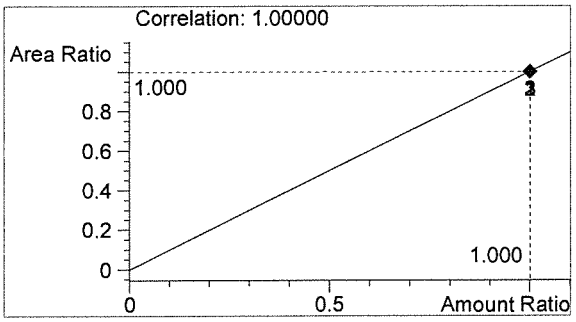



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 615 | 1.083 |
| 2 | n-Propanol | 2862 | 1.762 |




Ethanol 0.050 g/100mL

AWD




n-Propanol 0.012 g/100mL

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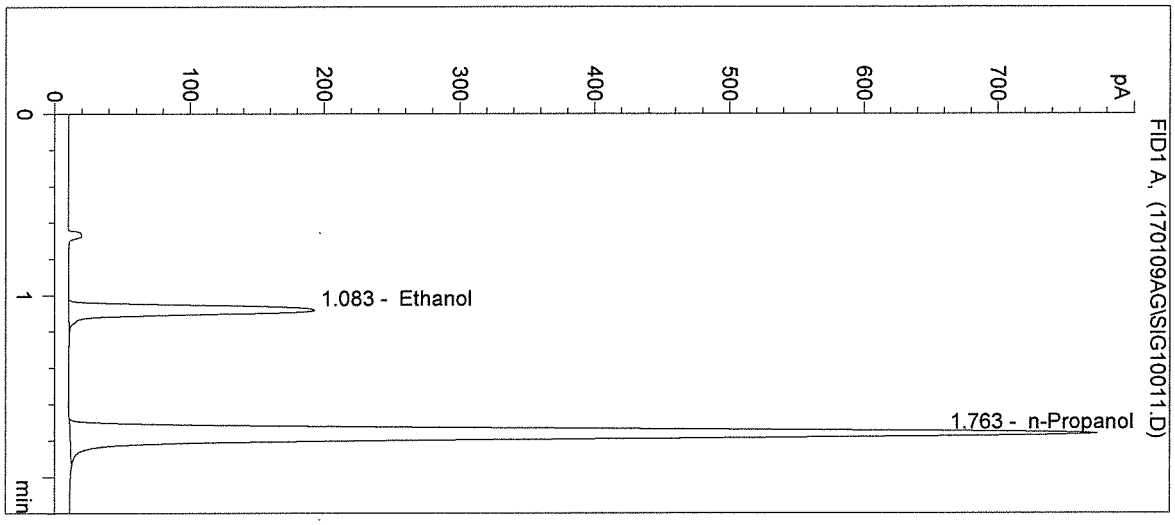
Washington State Patrol Toxicology Laboratory
2203 Airport Way S Seattle, WA 98134

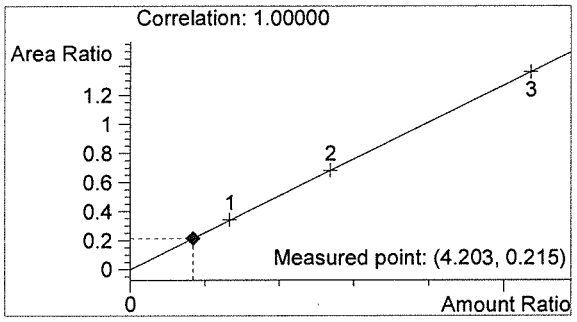
---

Inj. Date: 1/9/2017 3:37:16 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: QAP 17001 #2
Operator: Andrew Gingras
Location: Vial 11

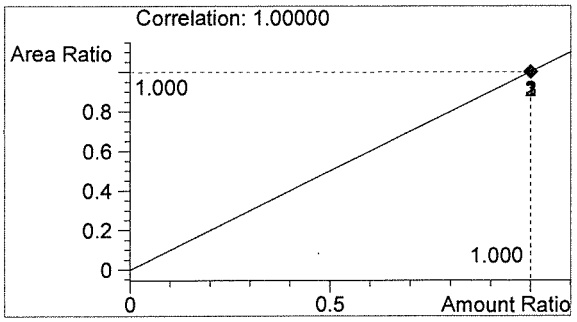



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 610 | 1.083 |
| 2 | n-Propanol | 2846 | 1.763 |




Ethanol 0.050 g/100mL

BWO




n-Propanol 0.012 g/100mL

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

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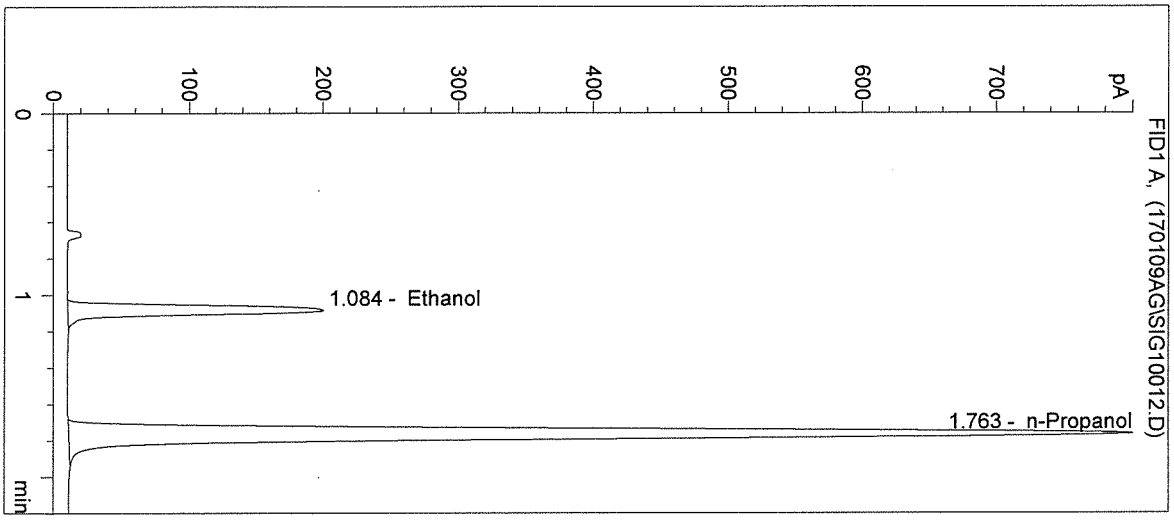
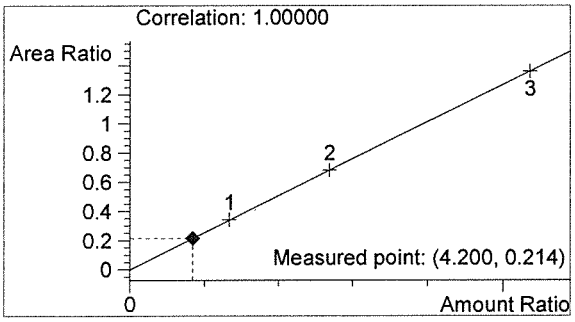
Inj. Date: 1/9/2017 3:40:29 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: QAP 17001 #3
Operator: Andrew Gingras
Location: Vial 12

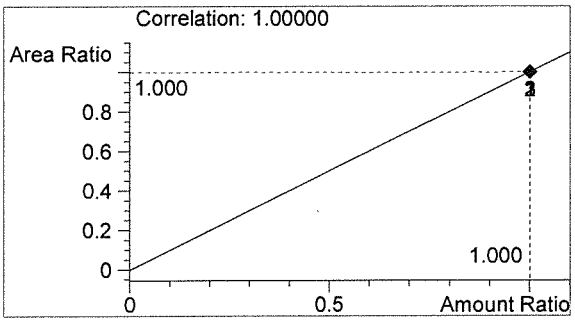



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 634 | 1.084 |
| 2 | n-Propanol | 2958 | 1.763 |




Ethanol 0.050 g/100mL

BWO




n-Propanol 0.012 g/100mL

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Data File: C:\HPCHEM\1\DATA\170109AG\SIG10012.D

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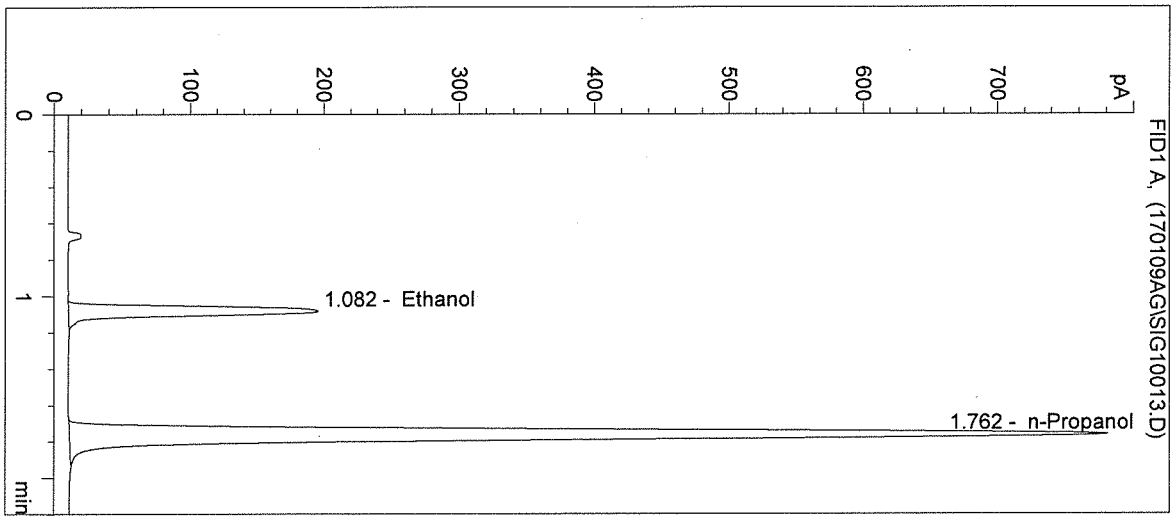
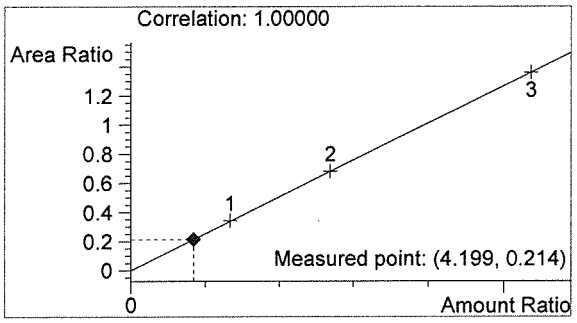
Inj. Date: 1/9/2017 3:43:42 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: QAP 17001 #4
Operator: Andrew Gingras
Location: Vial 13

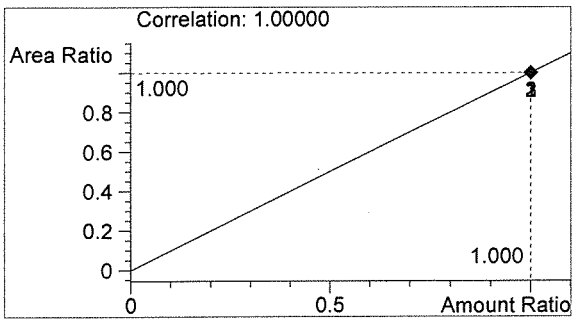



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 617 | 1.082 |
| 2 | n-Propanol | 2881 | 1.762 |




Ethanol 0.050 g/100mL

RWO




n-Propanol 0.012 g/100mL

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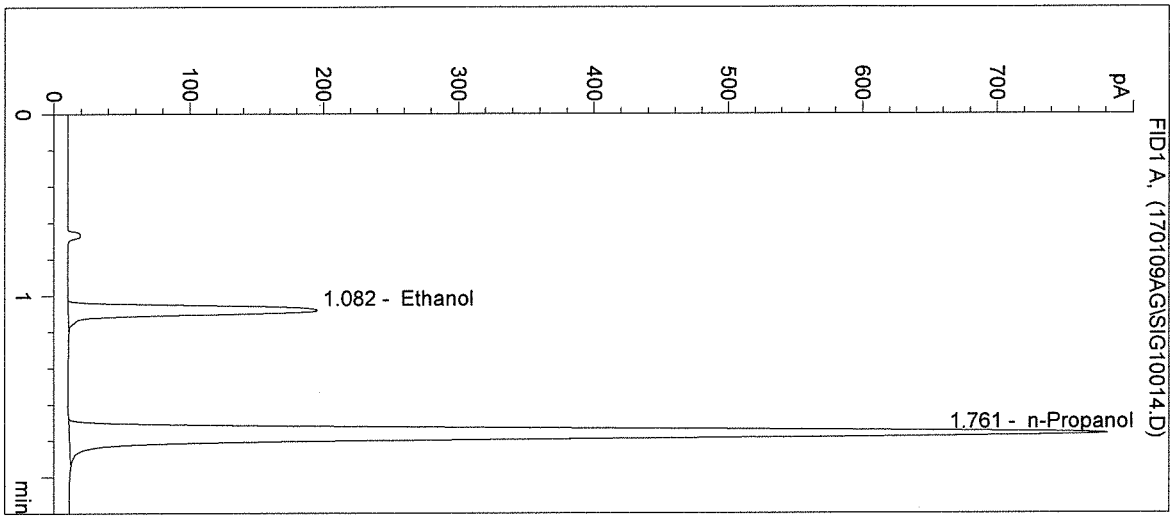
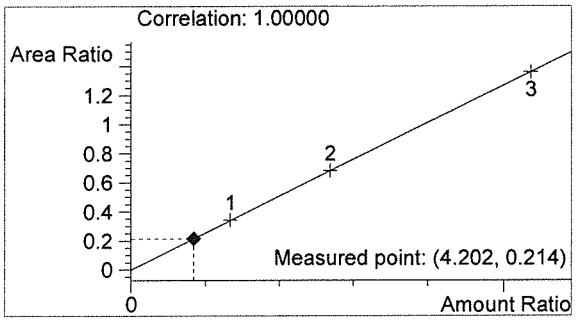
Inj. Date: 1/9/2017 3:46:56 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

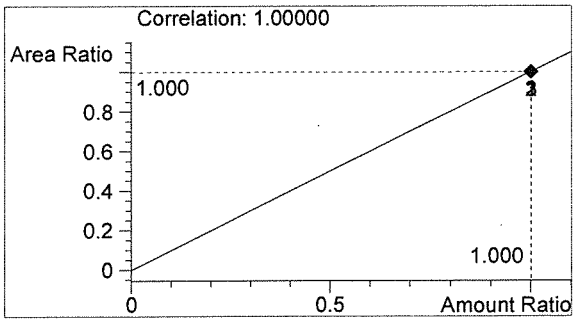
Sample Name: QAP 17001 #5
Operator: Andrew Gingras
Location: Vial 14




| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 619 | 1.082 |
| 2 | n-Propanol | 2885 | 1.761 |




Ethanol 0.050 g/100mL




n-Propanol 0.012 g/100mL

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Data File: C:\HPCHEM\1\DATA\170109AG\SIG10014.D

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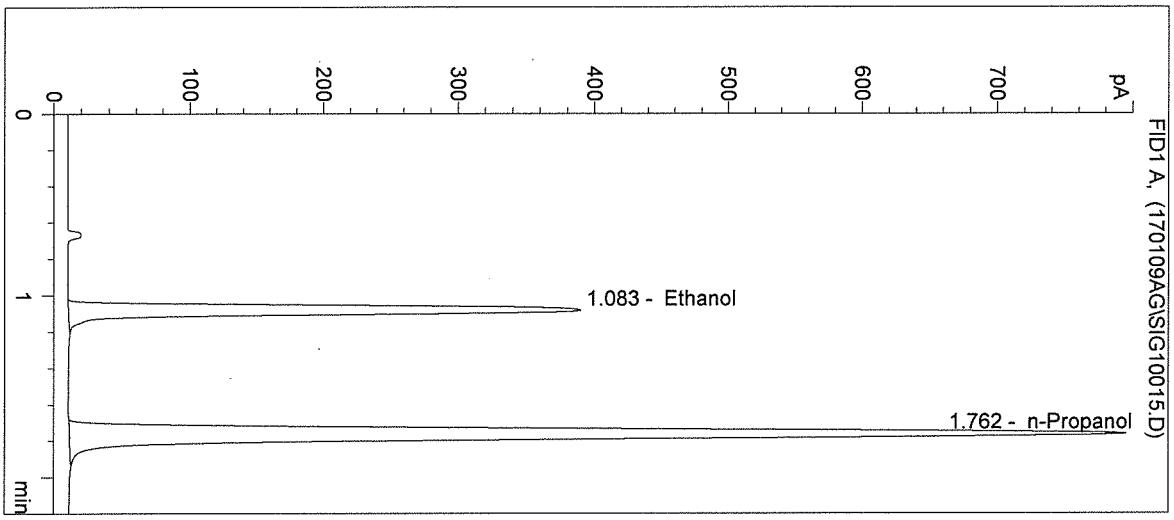
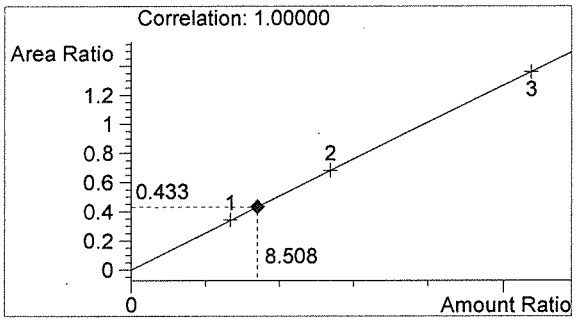
Inj. Date: 1/9/2017 3:50:09 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17001

Sample Name: 0.10 CTRL
Operator: Andrew Gingras
Location: Vial 15

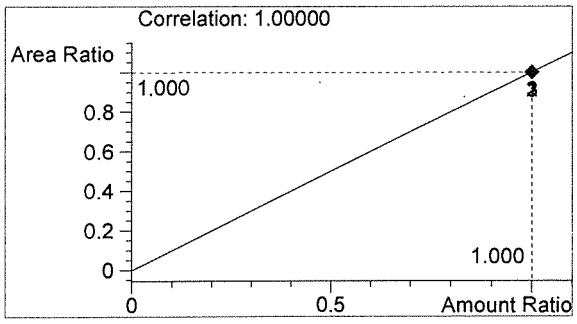



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 1268 | 1.083 |
| 2 | n-Propanol | 2931 | 1.762 |




Ethanol 0.102 g/100mL

BWO




n-Propanol 0.012 g/100mL

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Data File: C:\HPCHEM\1\DATA\170109AG\SIG10015.D

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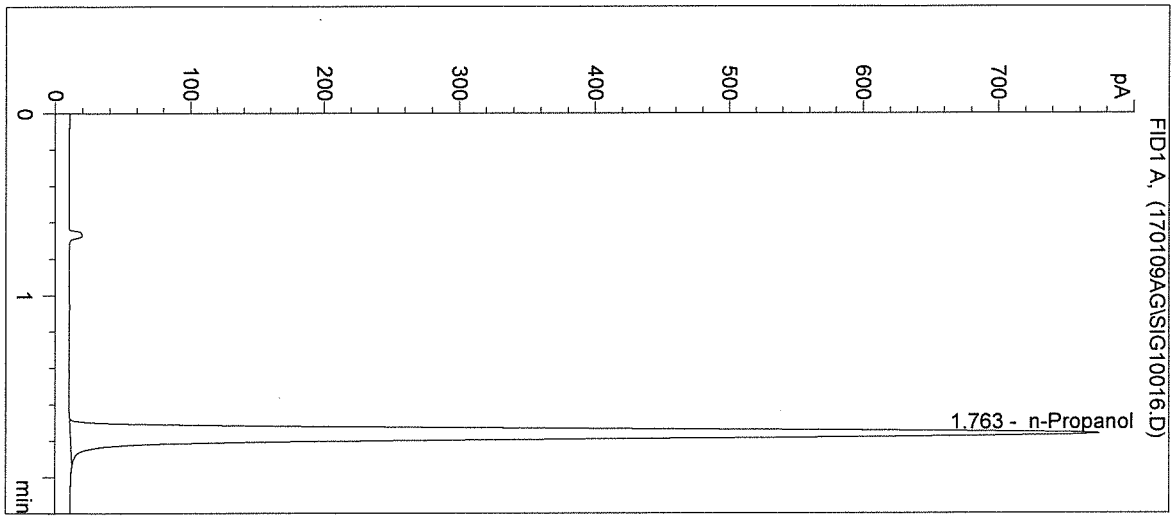
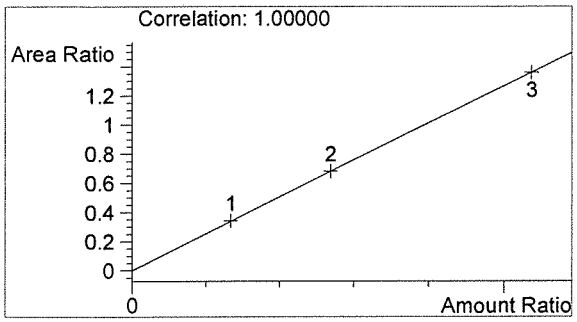
Inj. Date: 1/9/2017 3:53:22 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17001

Sample Name: NEG CTRL
Operator: Andrew Gingras
Location: Vial 16

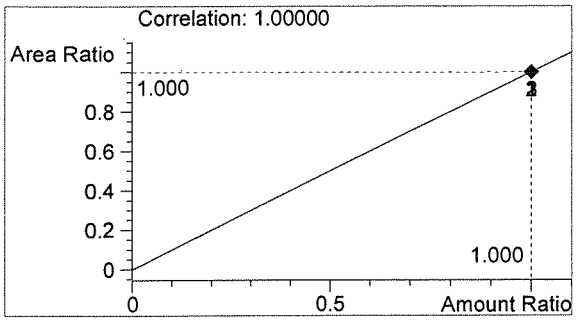



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 2851 | 1.763 |




Ethanol 0.000 g/100mL

BWO




n-Propanol 0.012 g/100mL

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Sequence: C:\HPCHEM\1\SEQUENCE\LKQAP.S

Sequence Parameters:

| | |
|---|---|
| Operator: | Lyndsey Knoy |
| Data File Naming: | Prefix/Counter |
| Signal 1 Prefix: | SIG1 |
| Signal 1 Counter: | 0001 |
| Signal 2 Prefix: | SIG2 |
| Signal 2 Counter: | 0001 |
| Data Directory: | C:\HPCHEM\1\DATA\ |
| Data Subdirectory: | 170110LK |
| Part of Methods to run: | According to Runtime Checklist |
| Barcode Reader: | not used |
| Shutdown Cmd/Macro: | none |

Sequence Comment:
Ethanol Calibrator 1 0.079 g/100 mL, E0916-01 - Exp. 03/15/17
Ethanol Calibrator 2 0.158 g/100 mL, E0916-02 - Exp. 03/15/17
Ethanol Calibrator 3 0.316 g/100 mL, E0916-03 - Exp. 03/15/17

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

ISTD Lot#P1116 - Exp. 02/23/2017

Calibration 1-9 filed with 17001

17001
AW 1.26.17

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 | Negative CTRL | SIMALC1 | 1 | Ctrl Samp | | |
| 6 | Vial 6 | 0.04 CTRL | SIMALC1 | 1 | Ctrl Samp | | |
| 7 | Vial 7 | 0.10 CTRL | SIMALC1 | 1 | Ctrl Samp | | |
| 8 | Vial 8 | 0.20 CTRL | SIMALC1 | 1 | Ctrl Samp | | |
| 9 | Vial 9 | Negative CTRL | SIMALC1 | 1 | Ctrl Samp | | |
| 10 | Vial 10 | 17001 #1 | SIMALC1 | 1 | Sample | | |
| 11 | Vial 11 | 17001 #2 | SIMALC1 | 1 | Sample | | |
| 12 | Vial 12 | 17001 #3 | SIMALC1 | 1 | Sample | | |
| 13 | Vial 13 | 17001 #4 | SIMALC1 | 1 | Sample | | |
| 14 | Vial 14 | 17001 #5 | SIMALC1 | 1 | Sample | | |
| 15 | Vial 15 | 0.10 CTRL | SIMALC1 | 1 | Ctrl Samp | | |
| 16 | Vial 16 | Negative CTRL | SIMALC1 | 1 | Ctrl Samp | | |
| 17 | Vial 17 | 17002 #1 | SIMALC1 | 1 | Sample | | |
| 18 | Vial 18 | 17002 #2 | SIMALC1 | 1 | Sample | | |
| 19 | Vial 19 | 17002 #3 | SIMALC1 | 1 | Sample | | |
| 20 | Vial 20 | 17002 #4 | SIMALC1 | 1 | Sample | | |
| 21 | Vial 21 | 17002 #5 | SIMALC1 | 1 | Sample | | |
| 22 | Vial 22 | 0.10 CTRL | SIMALC1 | 1 | Ctrl Samp | | |
| 23 | Vial 23 | Negative CTRL | SIMALC1 | 1 | Ctrl Samp | | |
| 24 | Vial 24 | 17003 #1 | SIMALC1 | 1 | Sample | | |

Sequence: C:\HPCHEM\1\SEQUENCE\LKQAP.S

| Line | Location | SampleName | Method | Inj | SampleType | InjVolume | DataFile |
|---|---|---|---|---|---|---|---|
| 25 | Vial 25 | 17003 #2 | SIMALC1 | 1 | Sample | | |
| 26 | Vial 26 | 17003 #3 | SIMALC1 | 1 | Sample | | |
| 27 | Vial 27 | 17003 #4 | SIMALC1 | 1 | Sample | | |
| 28 | Vial 28 | 17003 #5 | SIMALC1 | 1 | Sample | | |
| 29 | Vial 29 | 0.10 CTRL | SIMALC1 | 1 | Ctrl Samp | | |
| 30 | Vial 30 | Negative CTRL | SIMALC1 | 1 | Ctrl Samp | | |
| 31 | Vial 31 | 17004 #1 | SIMALC1 | 1 | Sample | | |
| 32 | Vial 32 | 17004 #2 | SIMALC1 | 1 | Sample | | |
| 33 | Vial 33 | 17004 #3 | SIMALC1 | 1 | Sample | | |
| 34 | Vial 34 | 17004 #4 | SIMALC1 | 1 | Sample | | |
| 35 | Vial 35 | 17004 #5 | SIMALC1 | 1 | Sample | | |
| 36 | Vial 36 | 0.10 CTRL | SIMALC1 | 1 | Ctrl Samp | | |
| 37 | Vial 37 | Negative CTRL | SIMALC1 | 1 | Ctrl Samp | | |
| 38 | Vial 38 | 17005 #1 | SIMALC1 | 1 | Sample | | |
| 39 | Vial 39 | 17005 #2 | SIMALC1 | 1 | Sample | | |
| 40 | Vial 40 | 17005 #3 | SIMALC1 | 1 | Sample | | |
| 41 | Vial 41 | 17005 #4 | SIMALC1 | 1 | Sample | | |
| 42 | Vial 42 | 17005 #5 | SIMALC1 | 1 | Sample | | |
| 43 | Vial 43 | 0.10 CTRL | SIMALC1 | 1 | Ctrl Samp | | |
| 44 | Vial 44 | Negative CTRL | SIMALC1 | 1 | Ctrl Samp | | |

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

17001
BLO 1.26.17

BLO 1.26.17
~~170~~

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

## Calibration Table

Calib. Data Modified : Tuesday, January 10, 2017 4:36:03 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Multiplier : 1.0000
Dilution : 1.0000
Sample Amount : 0.00000
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

17001
PWO 1.26.17

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Sample ISTD Information:

| ISTD # | ISTD Amount [g/100mL] | Name |
|---|---|---|
| 1 | 1.20000e-2 | n-Propanol |

Signal 1: FID1 A,

| RetTime [min] | Sig | Lvl | Amount [g/100mL] | Area | Amt/Area | Ref | Grp | Name |
|---|---|---|---|---|---|---|---|---|
| 1.087 | 1 | 1 | 8.00100e-2 | 1017.05255 | 7.86685e-5 | | 1 | Ethanol |
| | | 2 | 1.61200e-1 | 2025.30640 | 7.95929e-5 | | | |
| | | 3 | 3.21790e-1 | 3979.11035 | 8.08698e-5 | | | |
| 1.766 | 1 | 1 | 1.20000e-2 | 2924.96313 | 4.10262e-6 | | I1 | n-Propanol |
| | | 2 | 1.20000e-2 | 2923.75342 | 4.10431e-6 | | | |
| | | 3 | 1.20000e-2 | 2883.88379 | 4.16106e-6 | | | |

## Peak Sum Table

***No Entries in table***

PWO 1.26.17
17010

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Calibration Curves

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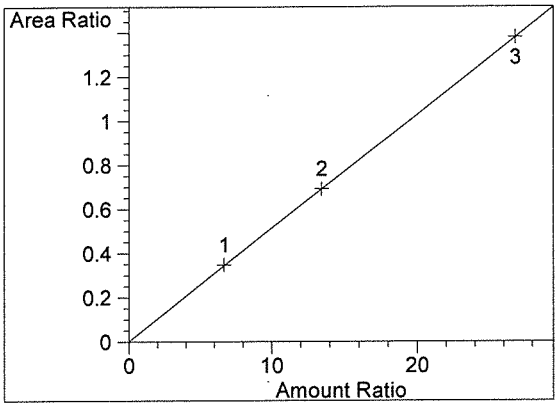
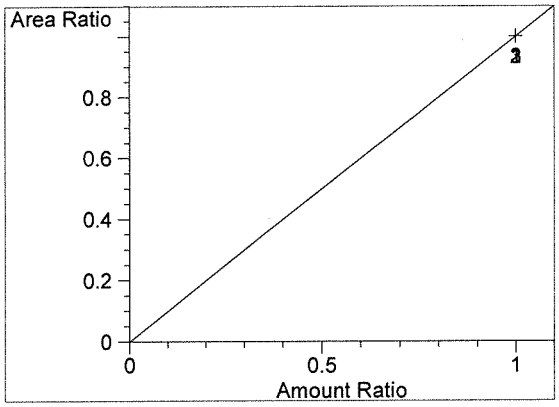



Ethanol at exp. RT: 1.087
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00258
Formula: y = mx + b
m: 5.14005e-2
b: 2.16377e-3
x: Amount Ratio
y: Area Ratio




n-Propanol at exp. RT: 1.766
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

17001
PMO 1.26.17

PMO 1.26.17

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2203 Airport Way S Seattle, WA 98134

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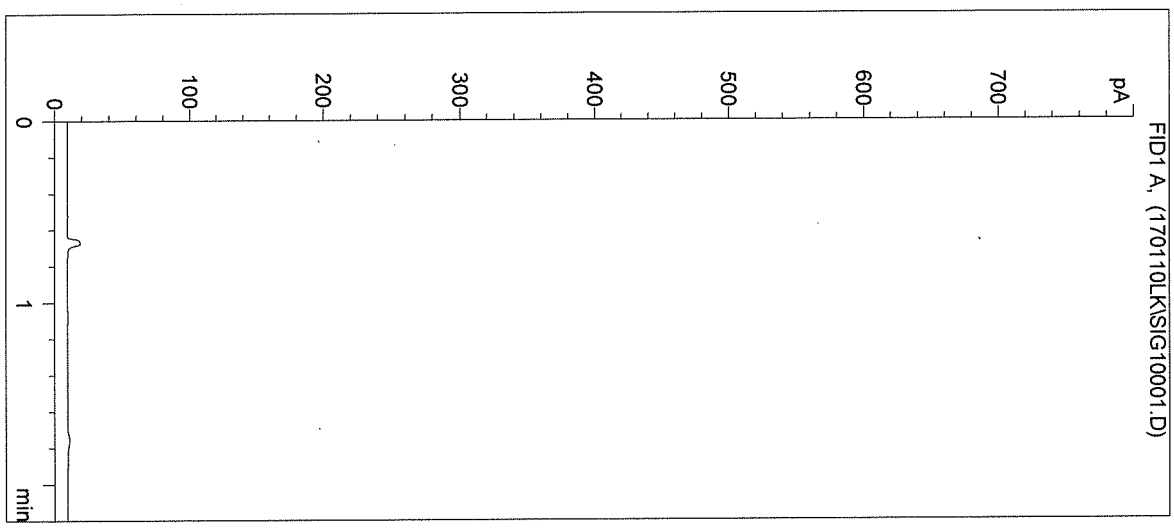
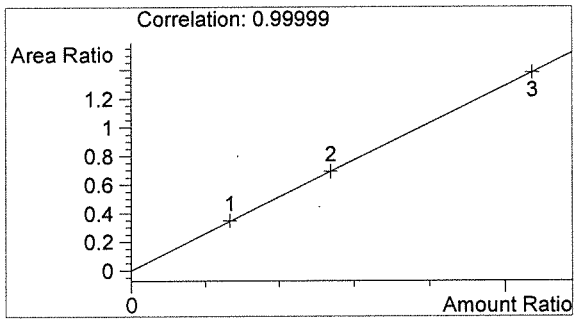
Inj. Date: 1/10/2017 4:23:57 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17001

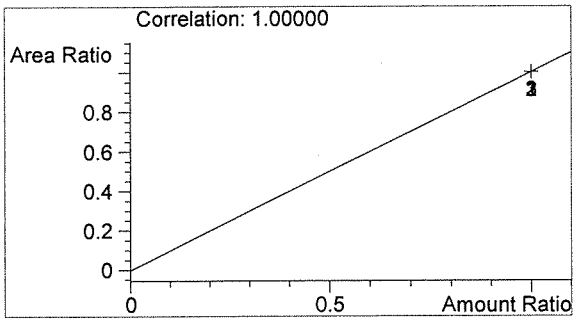
Sample Name: BLANK
Operator: Lyndsey Knoy
Location: Vial 1




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




Ethanol 0.000 g/100mL BWD




n-Propanol 0.000 g/100mL

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2203 Airport Way S Seattle, WA 98134

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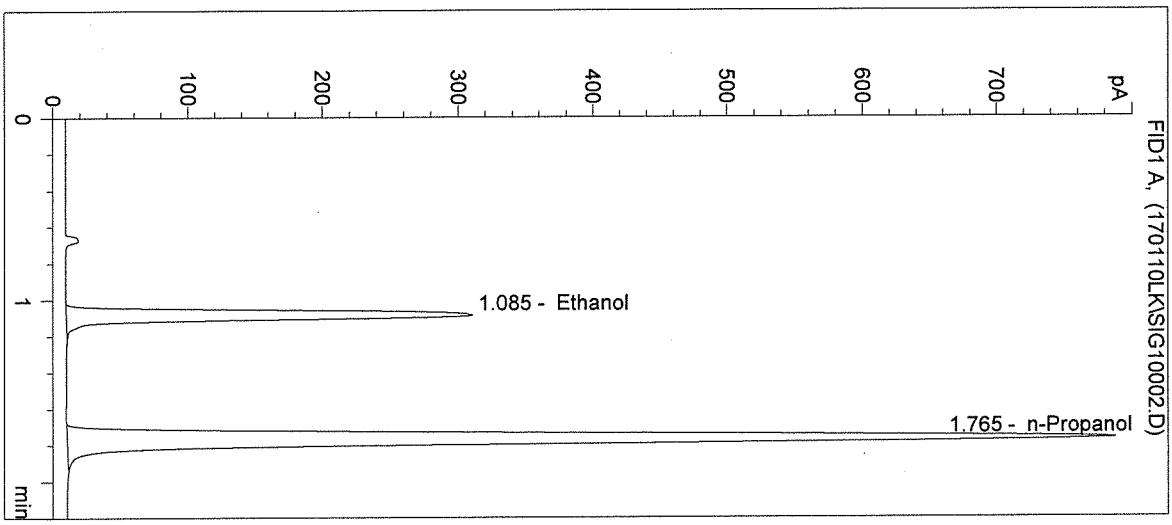
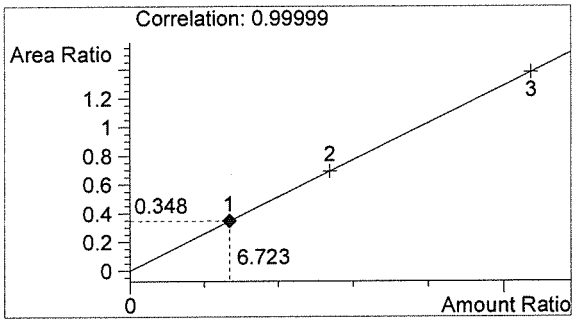
Inj. Date: 1/10/2017 4:27:16 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17001

Sample Name: 0.079 CAL 1
Operator: Lyndsey Knoy
Location: Vial 2

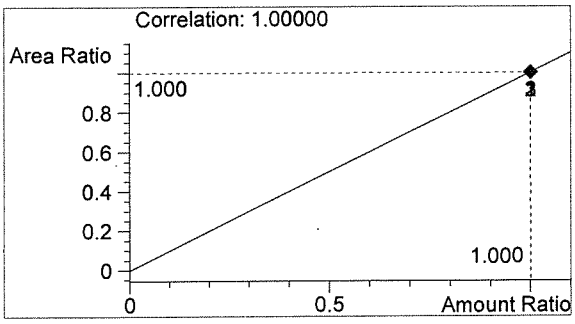



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 1017 | 1.085 |
| 2 | n-Propanol | 2925 | 1.765 |




Ethanol 0.081 g/100mL

BWO




n-Propanol 0.012 g/100mL

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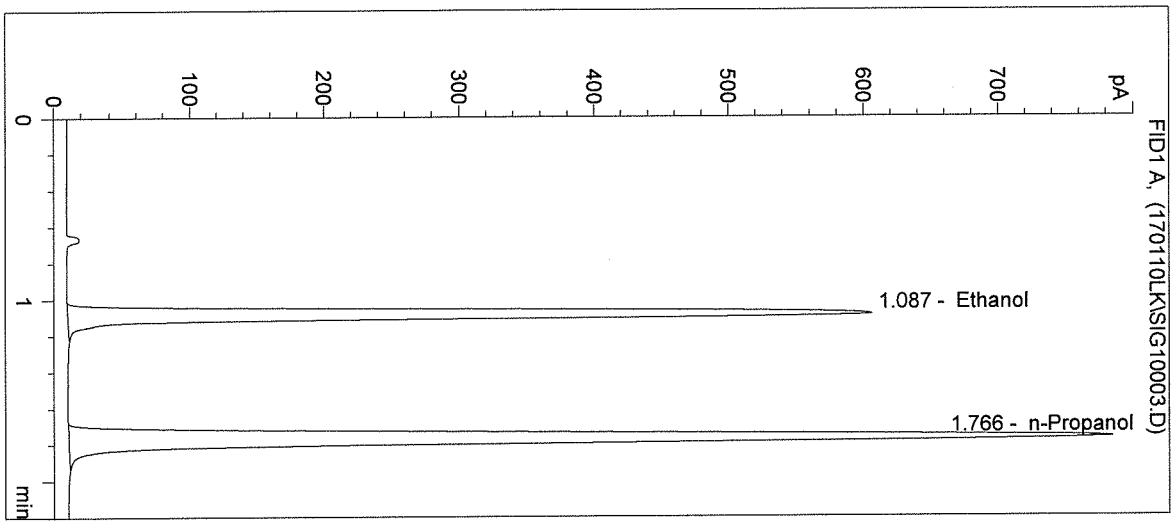
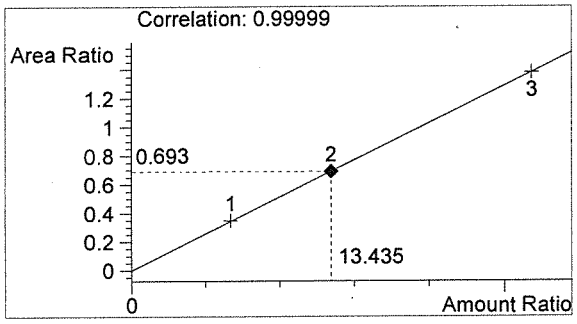
Inj. Date: 1/10/2017 4:30:33 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17001

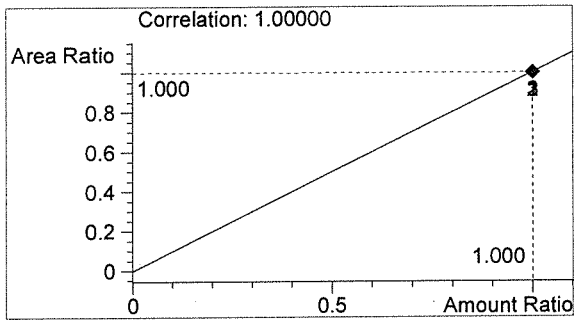
Sample Name: 0.158 CAL 2
Operator: Lyndsey Knoy
Location: Vial 3




| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 2025 | 1.087 |
| 2 | n-Propanol | 2924 | 1.766 |




Ethanol 0.161 g/100mL




n-Propanol 0.012 g/100mL

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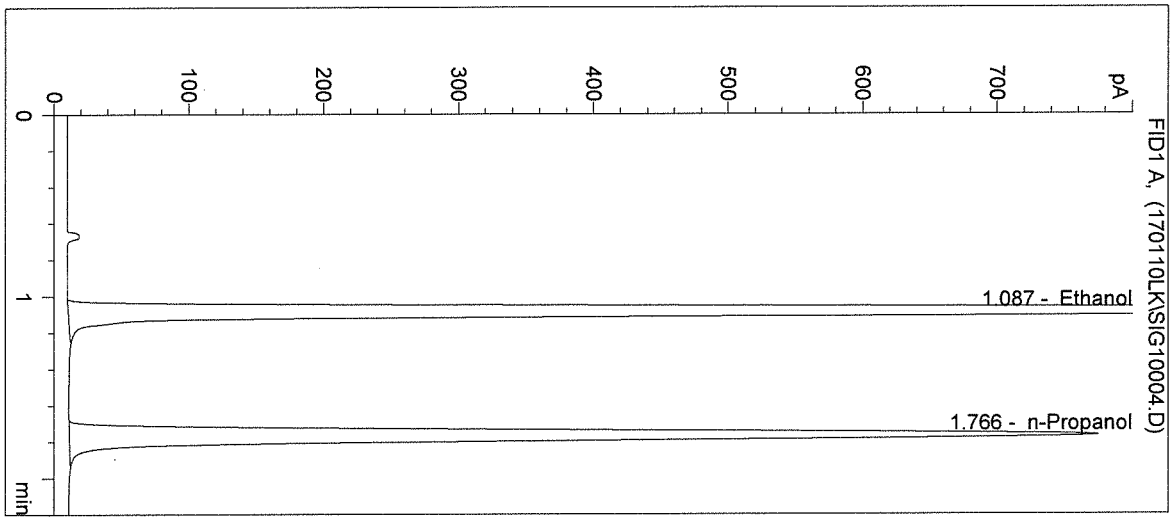
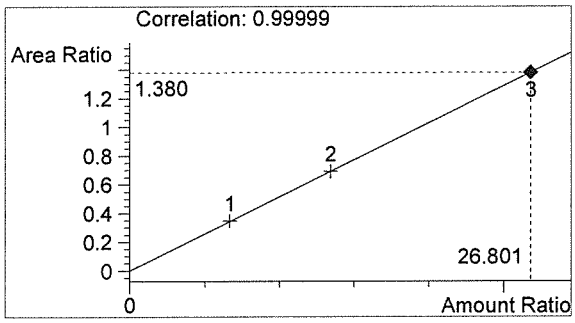
Inj. Date: 1/10/2017 4:33:50 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17001

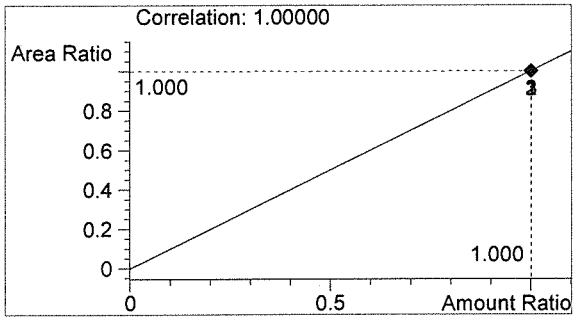
Sample Name: 0.316 CAL 3
Operator: Lyndsey Knoy
Location: Vial 4




| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 3979 | 1.087 |
| 2 | n-Propanol | 2884 | 1.766 |




Ethanol 0.322 g/100mL




n-Propanol 0.012 g/100mL

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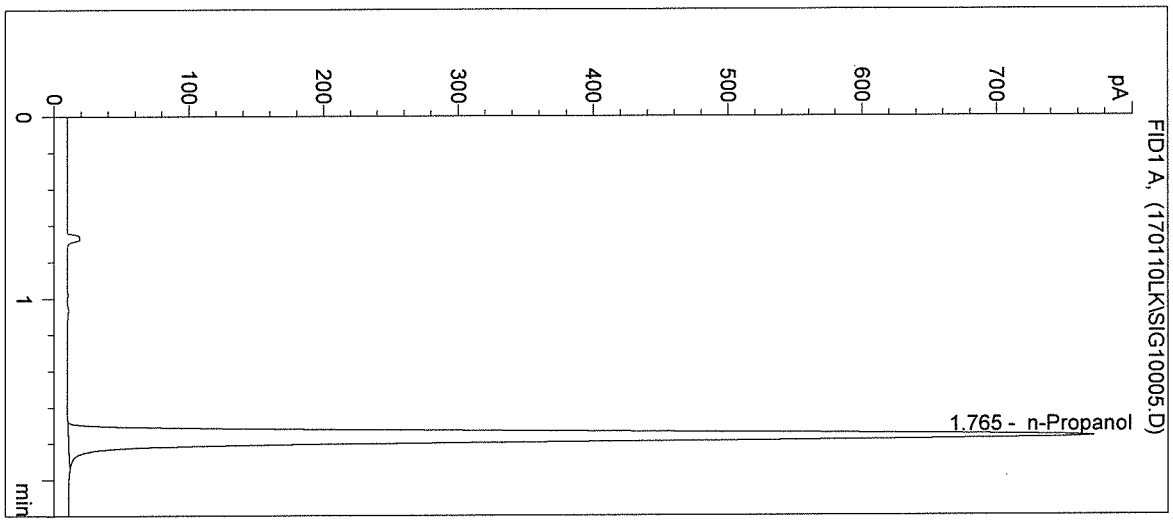
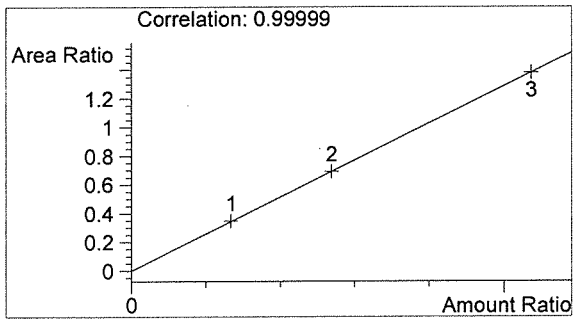
Inj. Date: 1/10/2017 4:37:03 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17001

Sample Name: Negative CTRL
Operator: Lyndsey Knoy
Location: Vial 5

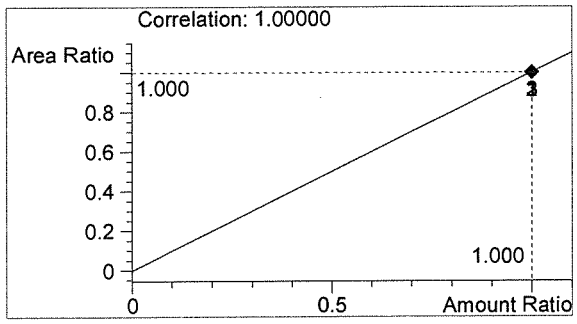



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 2860 | 1.765 |




Ethanol 0.000 g/100mL

RUO




n-Propanol 0.012 g/100mL

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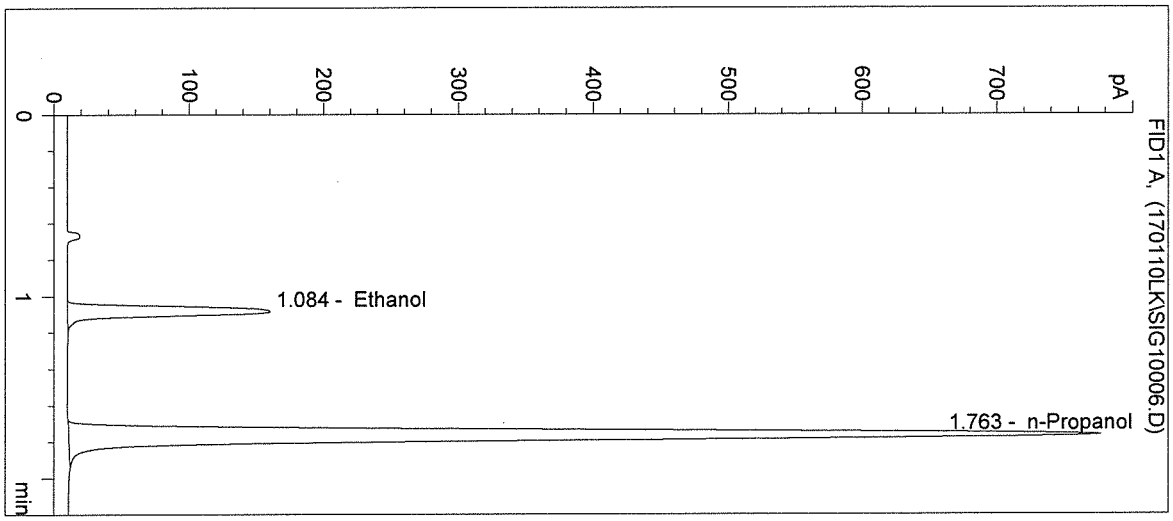
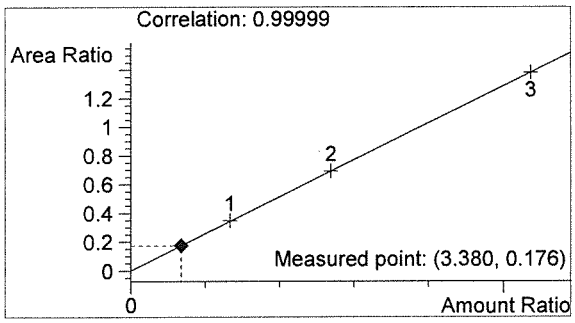
Inj. Date: 1/10/2017 4:40:15 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17001

Sample Name: 0.04 CTRL
Operator: Lyndsey Knoy
Location: Vial 6

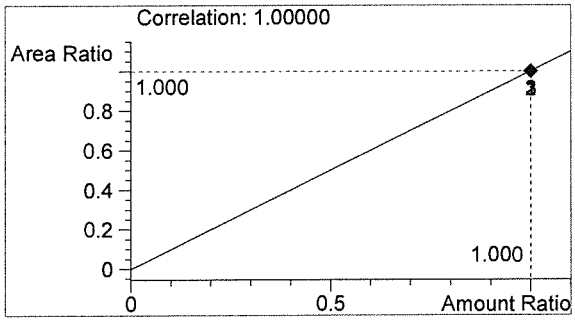



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 507 | 1.084 |
| 2 | n-Propanol | 2882 | 1.763 |




Ethanol 0.041 g/100mL

RWO




n-Propanol 0.012 g/100mL

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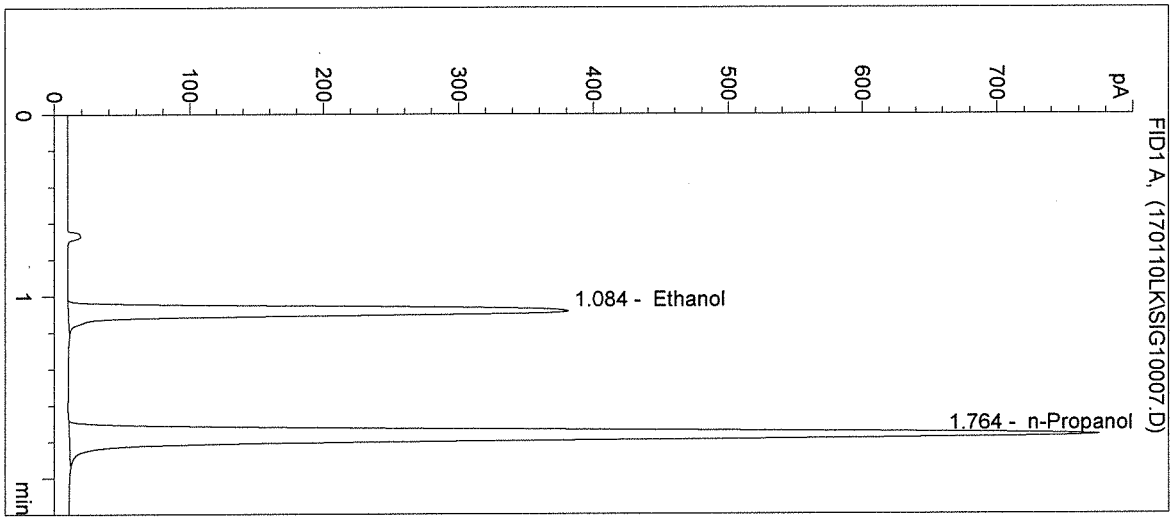
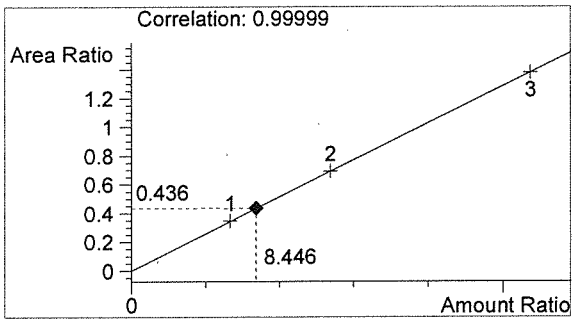
Inj. Date: 1/10/2017 4:43:29 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17001

Sample Name: 0.10 CTRL
Operator: Lyndsey Knoy
Location: Vial 7

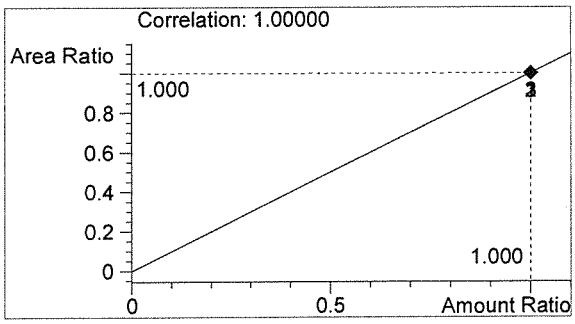



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 1254 | 1.084 |
| 2 | n-Propanol | 2875 | 1.764 |




Ethanol 0.101 g/100mL

BWO




n-Propanol 0.012 g/100mL

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Data File: C:\HPCHEM\1\DATA\170110LK\SIG10007.D

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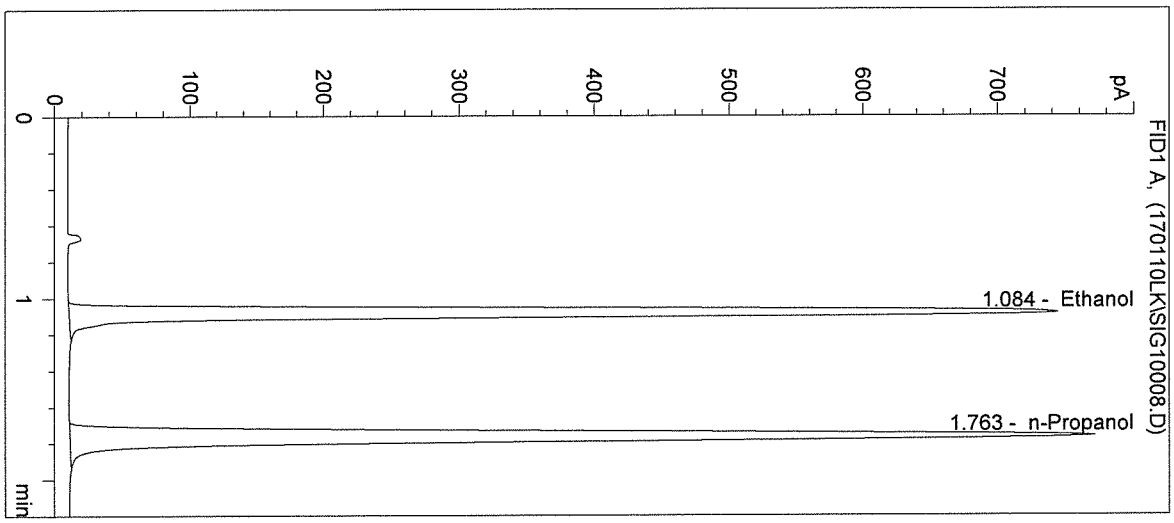
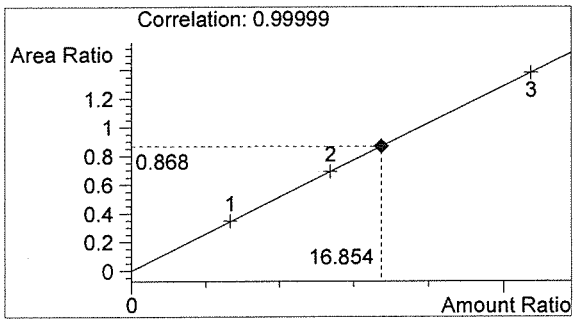
Inj. Date: 1/10/2017 4:46:42 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17001

Sample Name: 0.20 CTRL
Operator: Lyndsey Knoy
Location: Vial 8

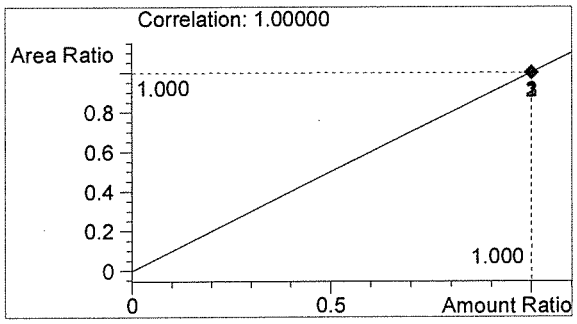



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 2479 | 1.084 |
| 2 | n-Propanol | 2855 | 1.763 |




Ethanol 0.202 g/100mL

BWD




n-Propanol 0.012 g/100mL

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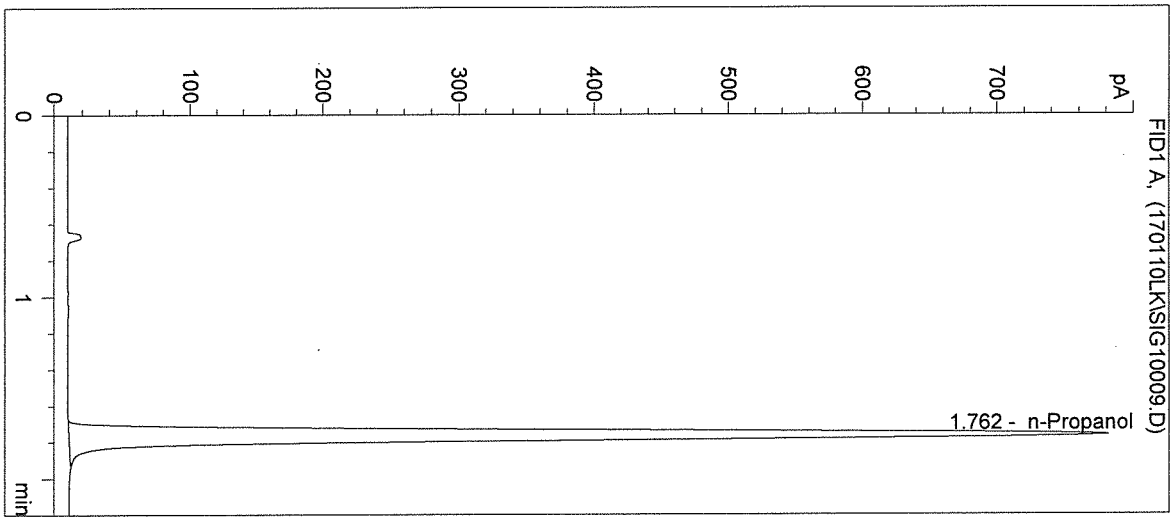
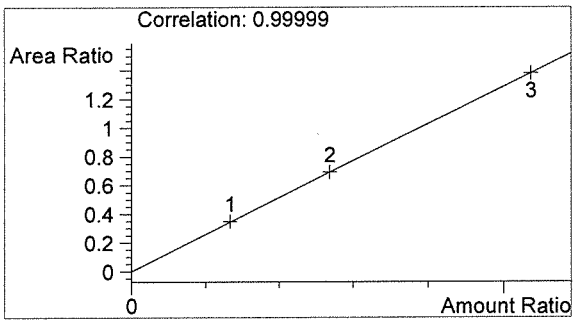
Inj. Date: 1/10/2017 4:49:55 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17001

Sample Name: Negative CTRL
Operator: Lyndsey Knoy
Location: Vial 9

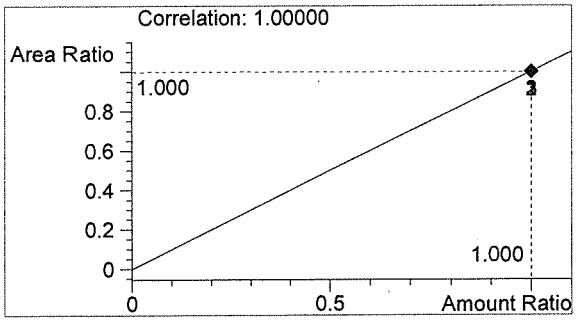



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 2891 | 1.762 |




Ethanol 0.000 g/100mL

BLO




n-Propanol 0.012 g/100mL

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Data File: C:\HPCHEM\1\DATA\170110LK\SIG10009.D

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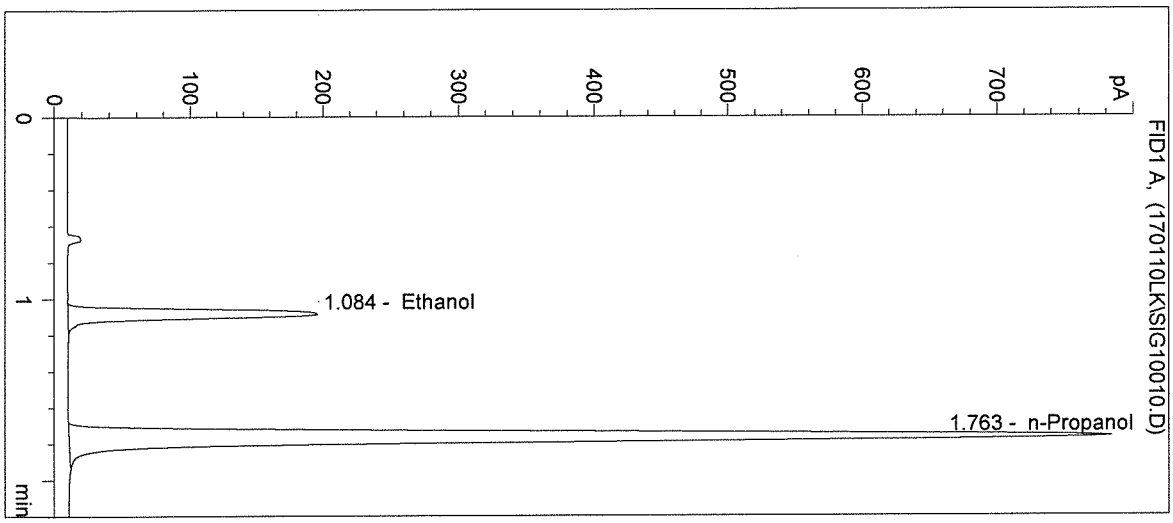
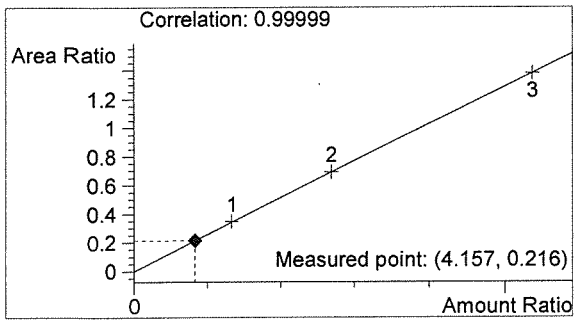
Inj. Date: 1/10/2017 4:53:08 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 17001 #1
Operator: Lyndsey Knoy
Location: Vial 10

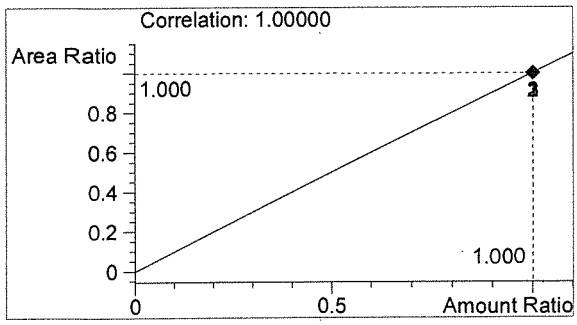



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 625 | 1.084 |
| 2 | n-Propanol | 2898 | 1.763 |




Ethanol 0.050 g/100mL

BWO




n-Propanol 0.012 g/100mL

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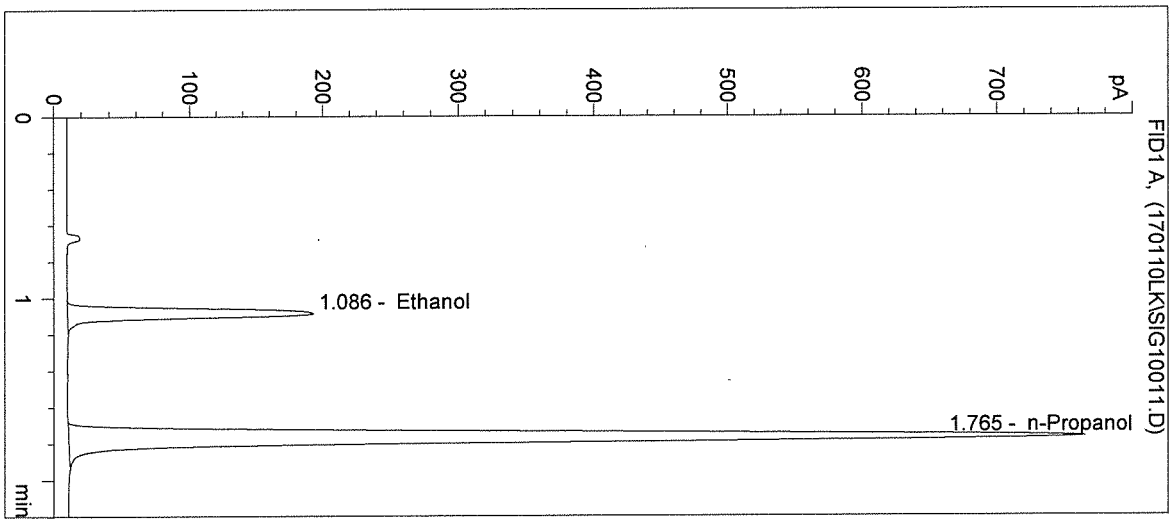
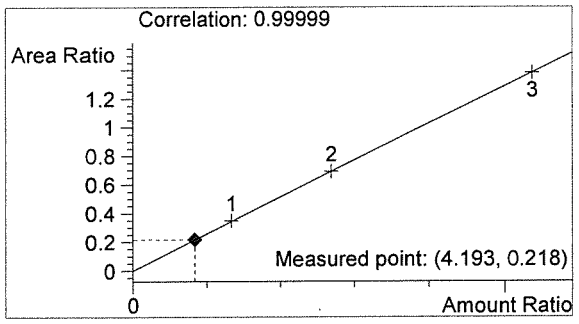
Inj. Date: 1/10/2017 4:56:22 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

Sample Name: 17001 #2
Operator: Lyndsey Knoy
Location: Vial 11

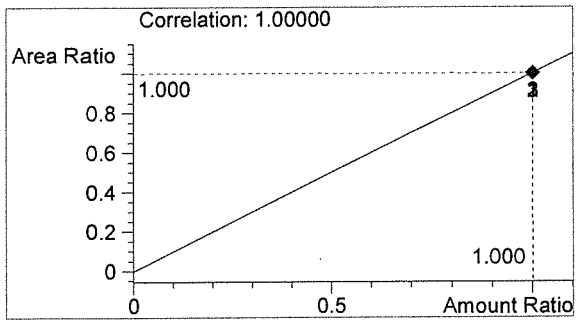



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 619 | 1.086 |
| 2 | n-Propanol | 2843 | 1.765 |




Ethanol 0.050 g/100mL

BWO




n-Propanol 0.012 g/100mL

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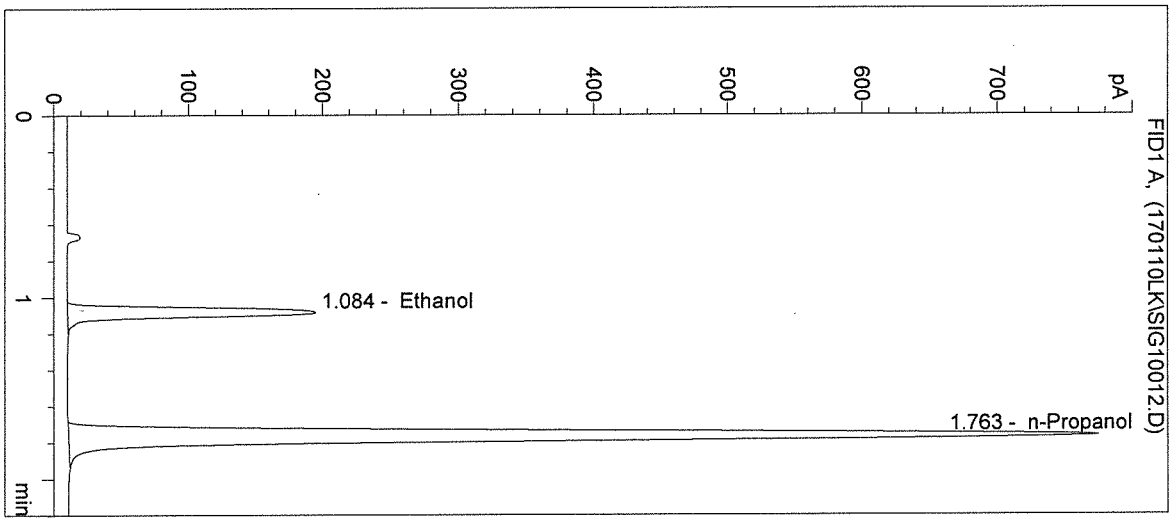
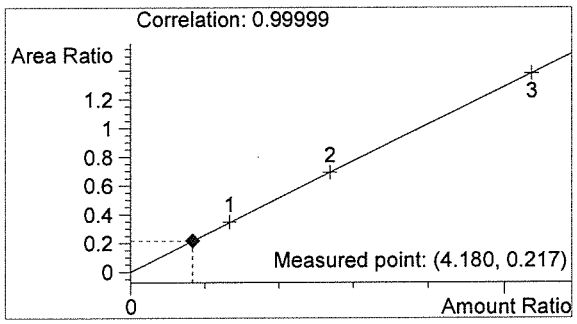
Inj. Date: 1/10/2017 4:59:35 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

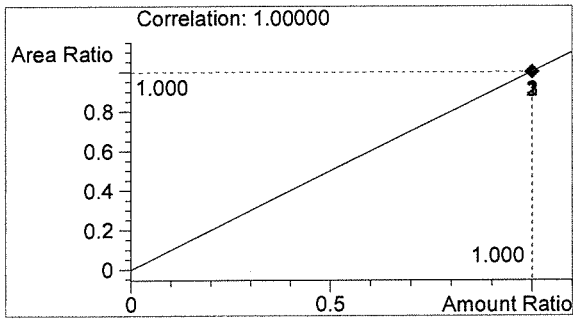
Sample Name: 17001 #3
Operator: Lyndsey Knoy
Location: Vial 12




| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 622 | 1.084 |
| 2 | n-Propanol | 2867 | 1.763 |




Ethanol 0.050 g/100mL




n-Propanol 0.012 g/100mL

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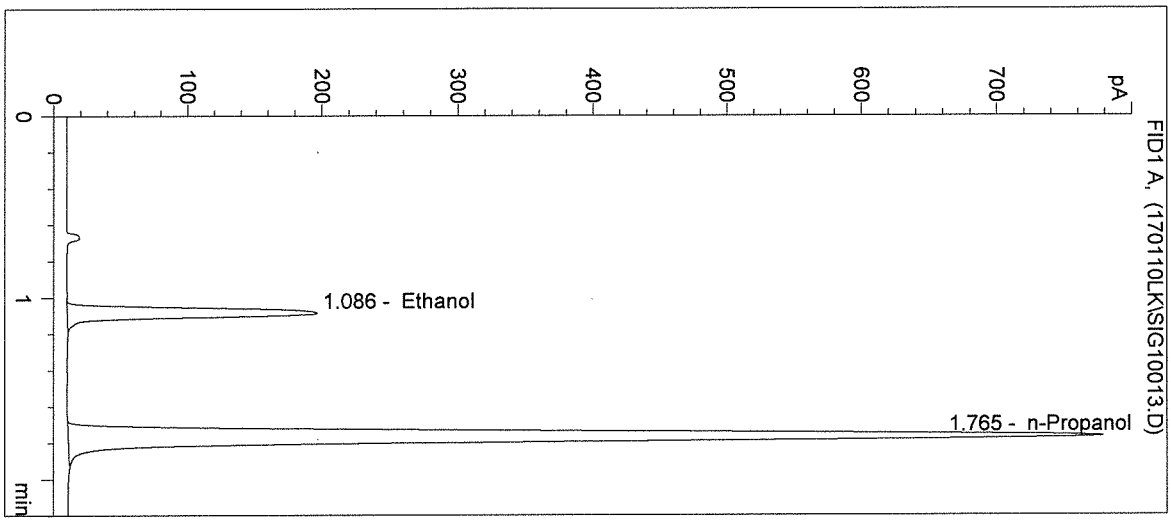
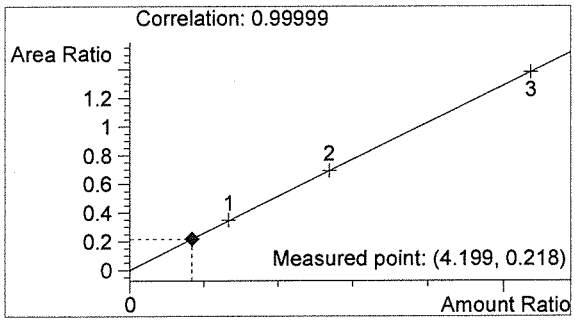
Inj. Date: 1/10/2017 5:02:48 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

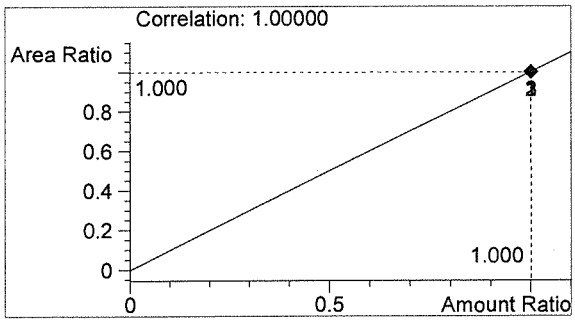
Sample Name: 17001 #4
Operator: Lyndsey Knoy
Location: Vial 13




| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 630 | 1.086 |
| 2 | n-Propanol | 2890 | 1.765 |




Ethanol 0.050 g/100mL




n-Propanol 0.012 g/100mL

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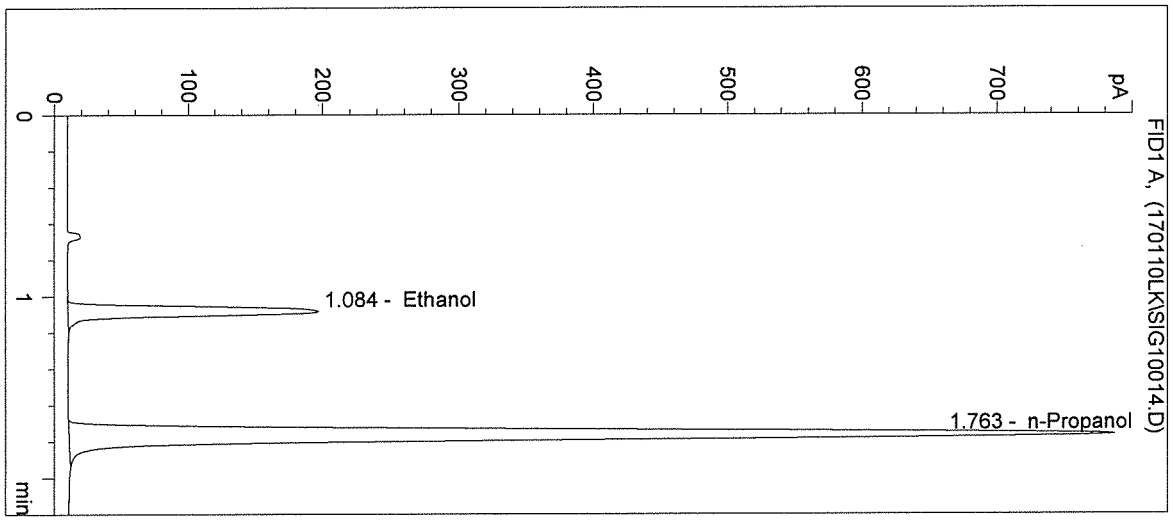
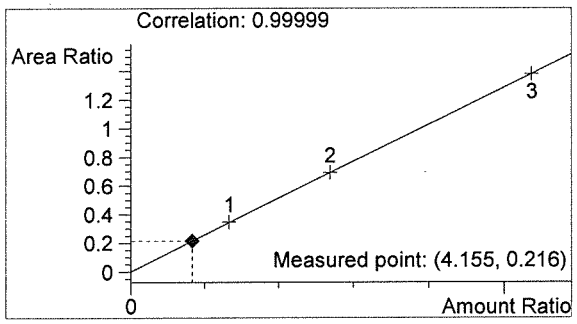
Inj. Date: 1/10/2017 5:06:01 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info:

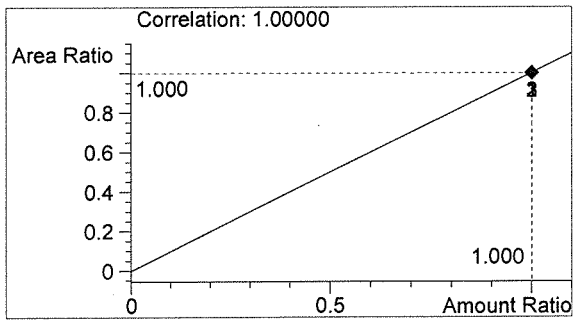
Sample Name: 17001 #5
Operator: Lyndsey Knoy
Location: Vial 14




| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 629 | 1.084 |
| 2 | n-Propanol | 2916 | 1.763 |




Ethanol 0.050 g/100mL




n-Propanol 0.012 g/100mL

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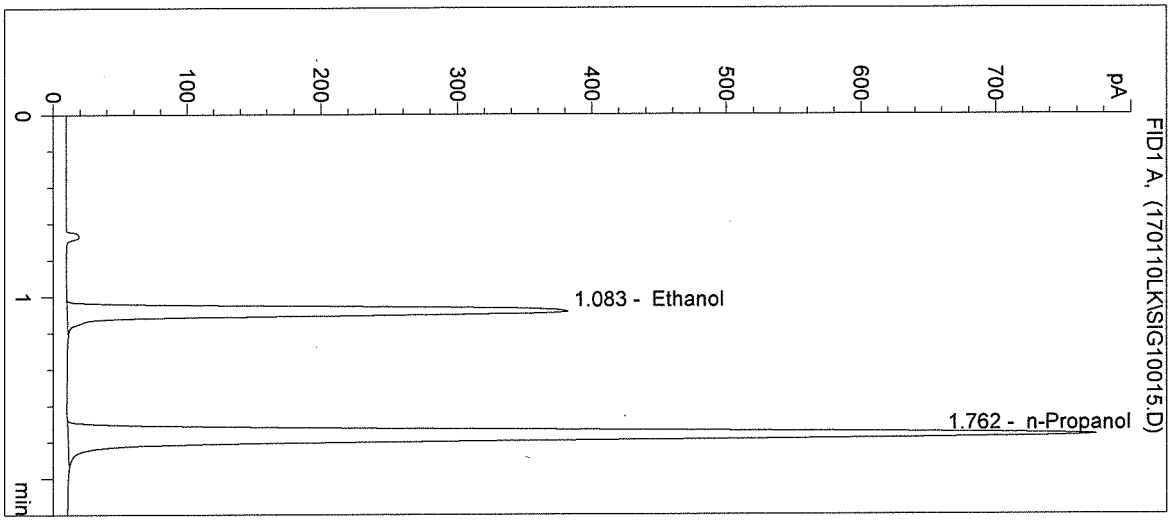
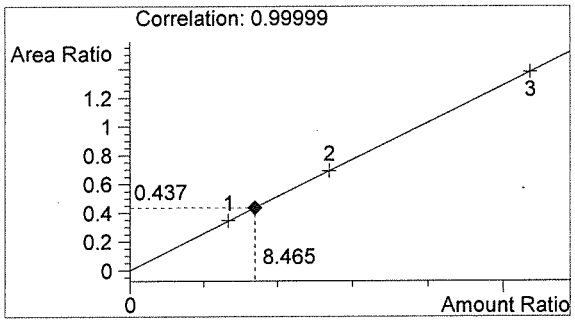
Inj. Date: 1/10/2017 5:09:14 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17001

Sample Name: 0.10 CTRL
Operator: Lyndsey Knoy
Location: Vial 15

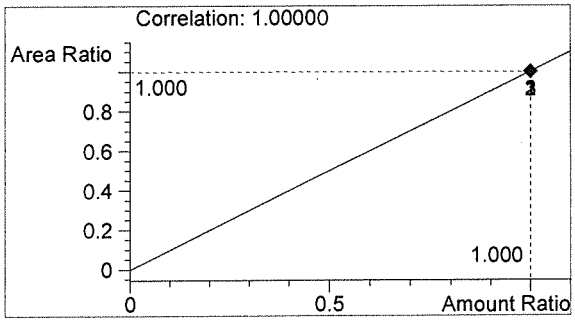



| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 1254 | 1.083 |
| 2 | n-Propanol | 2867 | 1.762 |




Ethanol 0.102 g/100mL

BWO




n-Propanol 0.012 g/100mL

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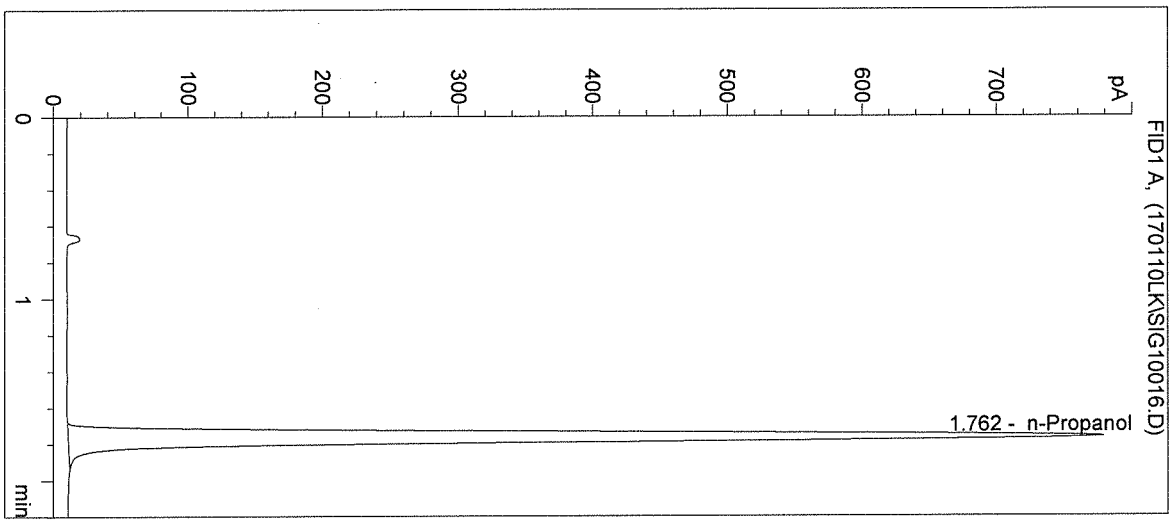
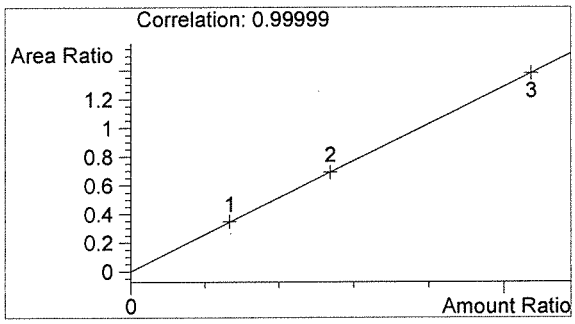
Inj. Date: 1/10/2017 5:12:27 PM
Instrument: HSGC#1
Column: DB-ALC1
Method: C:\HPCHEM\1\METHODS\SIMALC1.M
Sample Info: 17001

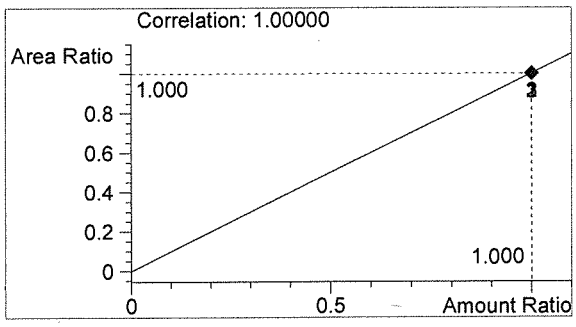
Sample Name: Negative CTRL
Operator: Lyndsey Knoy
Location: Vial 16




| # | Compound | Peak Area | RT (min) |
|---|---|---|---|
| 1 | Ethanol | 0 | 0.000 |
| 2 | n-Propanol | 2872 | 1.762 |




Ethanol 0.000 g/100mL




n-Propanol 0.012 g/100mL

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