

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 5/2/2017 SEQUENCE NAME 2May17

### EQUIPMENT

Pipettor  Hamilton ML600EH7497  Hamilton ML600GJ10749  
 Gas Chromatograph  Agilent US14173023

### INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03241604 Coefficient of determination (r<sup>2</sup>)  
 Vial 2 0.10 calibrator Lot FN06181501 0.99996  
 Vial 3 0.20 calibrator Lot FN07201502  
 Vial 4 0.40 calibrator Lot FN11191402

### CALIBRATION VERIFICATION AND RESOLUTION TEST

| Vial | Sample            | Expected result | Measured result | Manufacturer/lot   |
|------|-------------------|-----------------|-----------------|--------------------|
| 5    | Blank             | Not detected    | Not detected    | SPD lab 012517     |
| 6    | Volatiles mixture | 6 compounds     | 6 compounds     | SPD lab 020917WLA  |
| 7    | Aqueous control   | 0.400 g/dL      | 0.402 g/dL      | Lipomed 08012015-C |
| 8    | Aqueous control   | 0.040 g/dL      | 0.039 g/dL      | Lipomed 09022015-A |
| 9    | Blood control     | 0.200 g/dL      | 0.201 g/dL      | ACQ 407041529/3    |
| 20   | Aqueous control   | 0.080 g/dL      | 0.080 g/dL      | Lipomed 28082014-B |
| 31   | Aqueous control   | 0.150 g/dL      | 0.150 g/dL      | Lipomed 09022015-C |
| 42   | Blood control     | 0.200 g/dL      | 0.200 g/dL      | ACQ 407041529/3    |
| 51   | Aqueous control   | 0.400 g/dL      | 0.409 g/dL      | Lipomed 08012015-C |
| 52   | Aqueous control   | 0.040 g/dL      | 0.040 g/dL      | Lipomed 09022015-A |
| 53   | Blood control     | 0.200 g/dL      | 0.202 g/dL      | ACQ 407041529/3    |
| 54   | Blank             | Not detected    | Not detected    | SPD lab 012517     |

### SUBJECT SAMPLES

Subjects in the sequence 19 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Run valid  Run invalid  WA B1570 5/3/17 Analyst  
 Run valid  Run invalid  KOSECKI 5/4/17 Technical Reviewer

WA

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

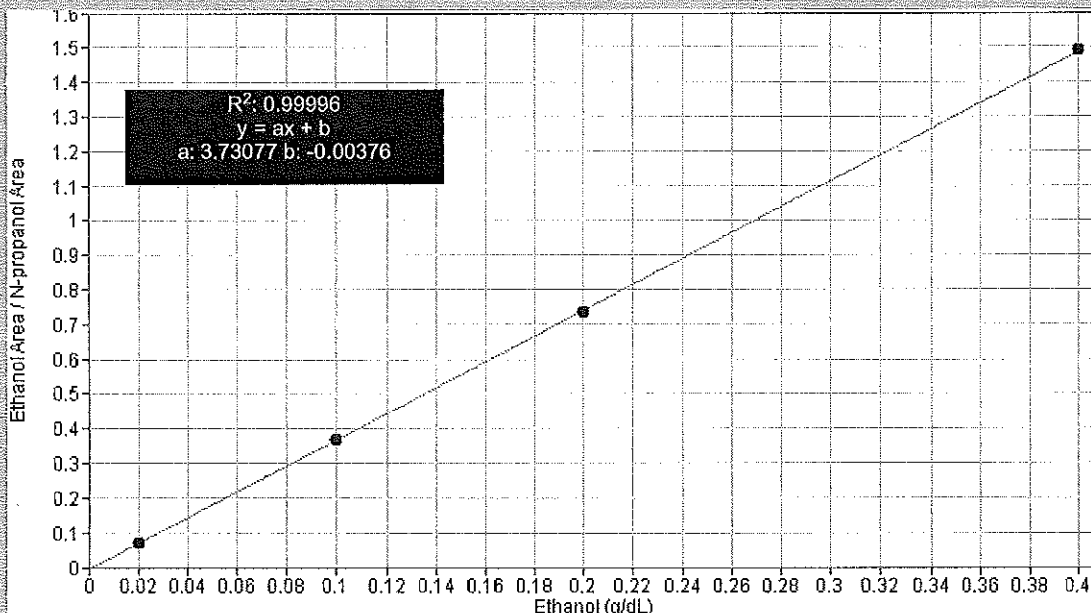
SEQUENCE NAME: 2May17

ANALYST: Adrian

| Sample Name              | Vial | Measured Value (g/dL) | Expected Value (g/dL) | Percent Difference | Absolute Difference (g/dL) |
|--------------------------|------|-----------------------|-----------------------|--------------------|----------------------------|
| blank 012517             | 5    | negative              | negative              | -                  | -                          |
| 0.400 Lipomed 08012015-C | 7    | 0.402                 | 0.400                 | 0.50               | 0.002                      |
| 0.040 Lipomed 09022015-A | 8    | 0.039                 | 0.040                 | 2.50               | -0.001                     |
| 0.20 ACQ 407041529/3     | 9    | 0.201                 | 0.200                 | 0.50               | 0.001                      |
| 0.080 Lipomed 28082014-B | 20   | 0.080                 | 0.080                 | 0.00               | 0.000                      |
| 0.150 Lipomed 09022015-C | 31   | 0.150                 | 0.150                 | 0.00               | 0.000                      |
| 0.20 ACQ 407041529/3     | 42   | 0.200                 | 0.200                 | 0.00               | 0.000                      |
| 0.40 Lipomed 08012015-C  | 51   | 0.409                 | 0.400                 | 2.25               | 0.009                      |
| 0.04 Lipomed 09022015-A  | 52   | 0.040                 | 0.040                 | 0.00               | 0.000                      |
| 0.20 ACQ 407041529/3     | 53   | 0.202                 | 0.200                 | 1.00               | 0.002                      |
| blank 012517             | 54   | negative              | negative              | -                  | -                          |

| Calibrator | Ethanol Area | N-propanol Area | Ratio |
|------------|--------------|-----------------|-------|
| 0.020      | 11.561       | 158.386         | 0.073 |
| 0.100      | 57.886       | 156.335         | 0.370 |
| 0.200      | 116.924      | 158.663         | 0.737 |
| 0.400      | 233.165      | 156.388         | 1.491 |

### Calibration Line



# Scottsdale Police Department Crime Lab Volatiles Analysis

**Sample:** 0.020 Cerilliant FN03241604  
**Injection date:** 5/2/2017 1:47:37 PM  
**Method:** ethanol quant.M  
**Instrument:** US14173023 CN14160045  
**Data file:** C:\Chem32\11\Data\2May17\11.D

**Item number:**  
**Vial:** 1  
**Sequence:** 2May17  
**Analyst:** Adrian

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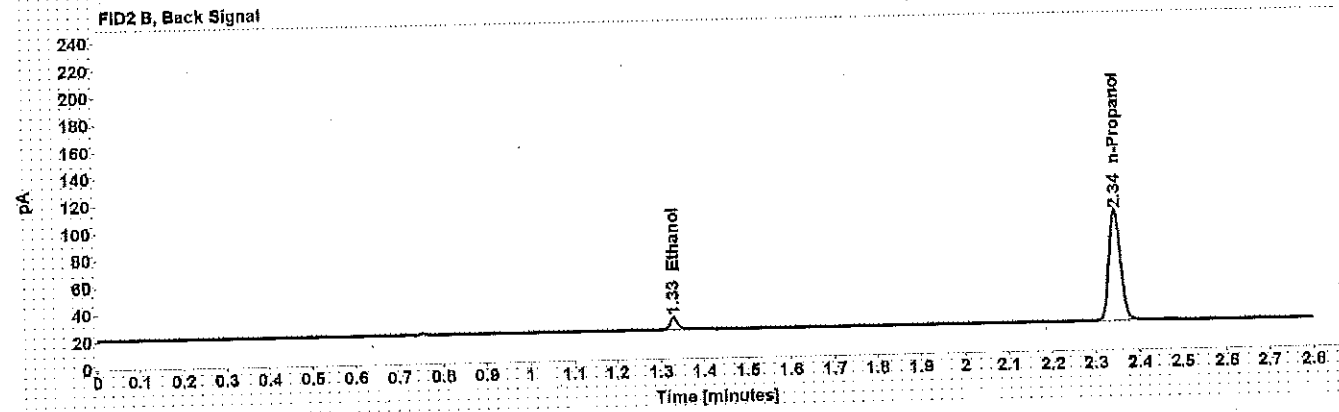
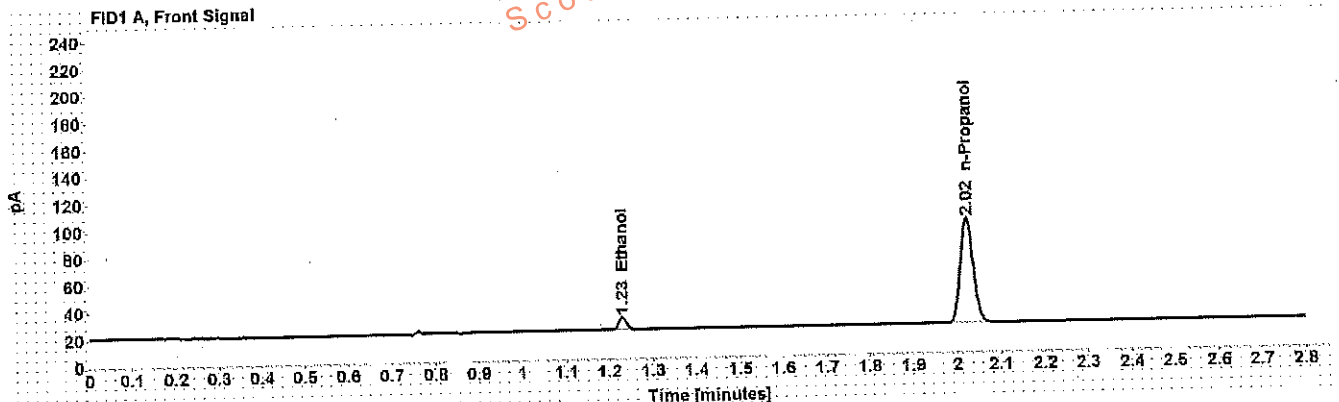


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.231      | 11.561    |
| n-Propanol | 2.023      | 158.386   |

Table 2: FID 2 B (column DB-ALC2)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.329      | 10.802    |
| n-Propanol | 2.344      | 151.507   |

WA

# Scottsdale Police Department Crime Lab Volatiles Analysis

**Sample:** 0.100 Cerilliant FN06181501  
**Injection date:** 5/2/2017 1:51:36 PM  
**Method:** ethanol quant.M  
**Instrument:** US14173023 CN14160045  
**Data file:** C:\Chem32\1\Data\2May17\2.D

**Item number:**  
**Vial:** 2  
**Sequence:** 2May17  
**Analyst:** Adrian

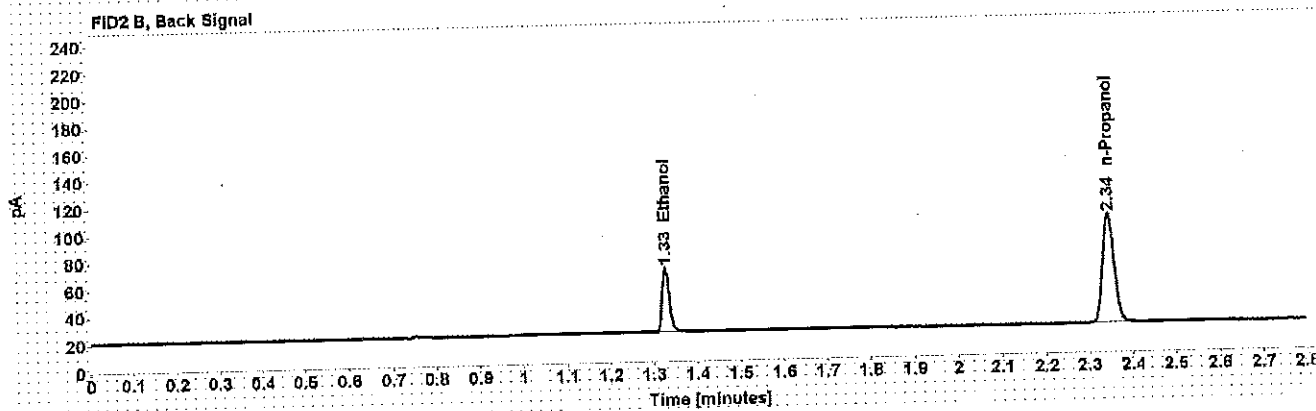
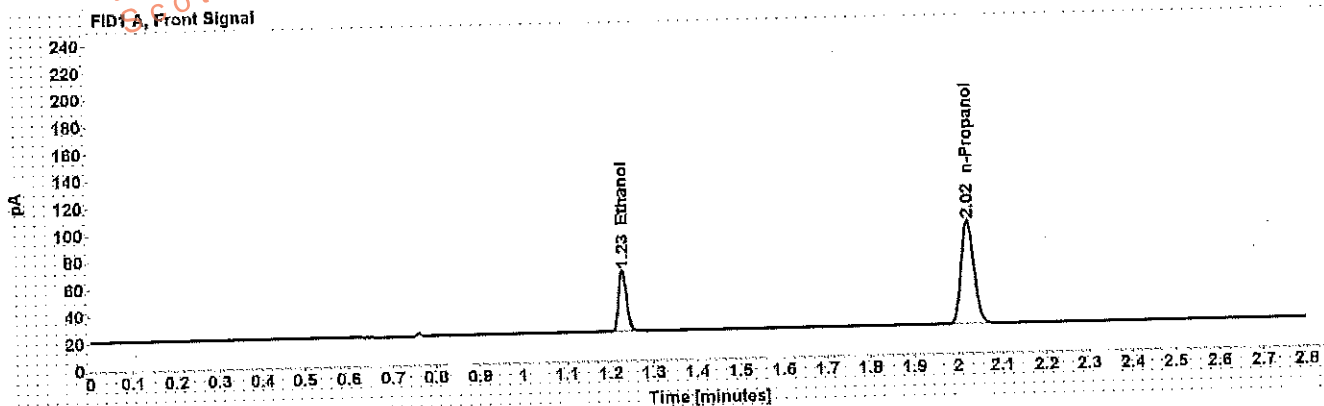


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.230      | 57.886    |
| n-Propanol | 2.023      | 156.335   |

Table 2: FID 2 B (column DB-ALC2)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.327      | 55.271    |
| n-Propanol | 2.344      | 149.548   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

|  |                         |
|--|-------------------------|
| <b>Sample:</b> 0.200 Cerilliant FN07201502     | <b>Item number:</b>     |
| <b>Injection date:</b> 5/2/2017 1:55:36 PM     | <b>Vial:</b> 3          |
| <b>Method:</b> ethanol quant.M                 | <b>Sequence:</b> 2May17 |
| <b>Instrument:</b> US14173023 CN14160045       | <b>Analyst:</b> Adrian  |
| <b>Data file:</b> C:\Chem3211\Data\2May17\13.D |                         |

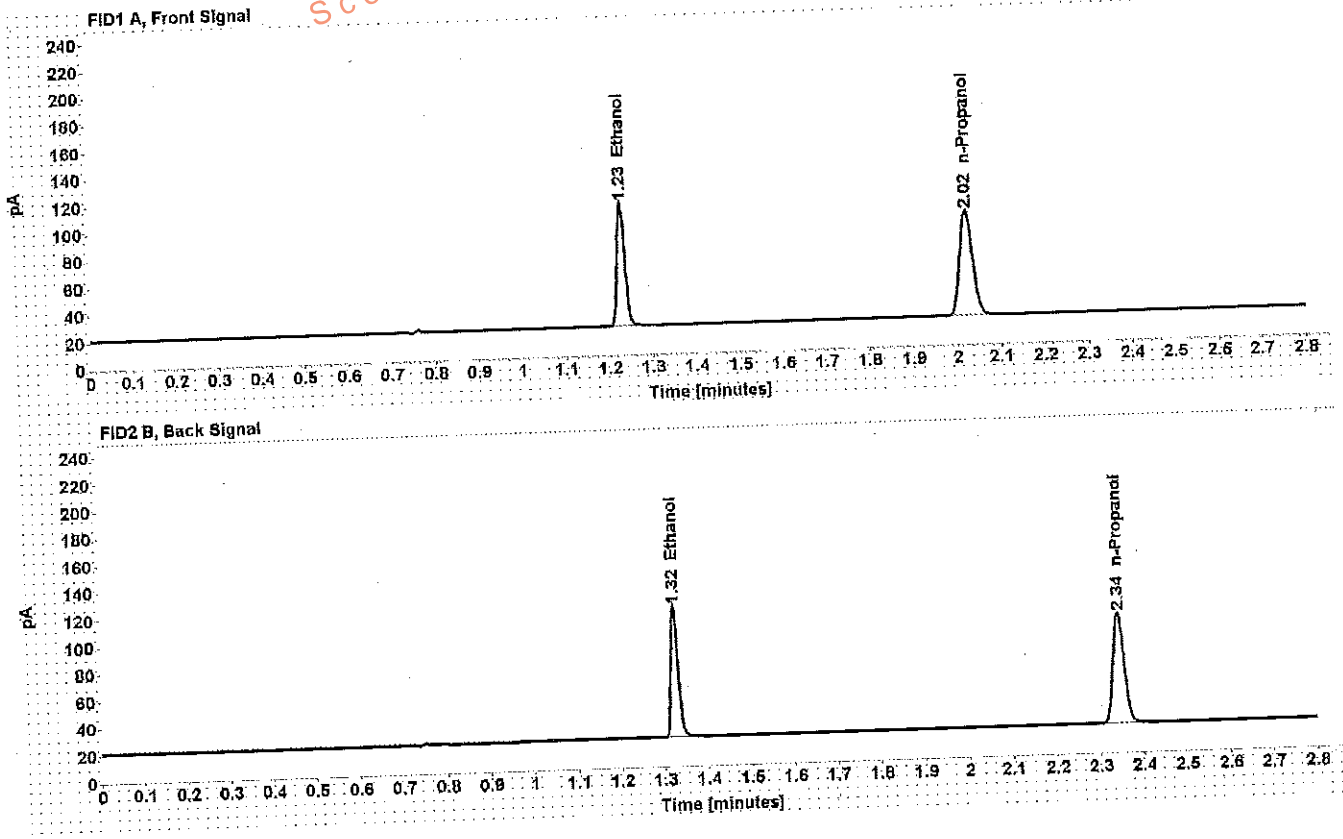


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.228      | 116.924   |
| n-Propanol | 2.023      | 158.663   |

Table 2: FID 2 B (column DB-ALC2)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.325      | 112.721   |
| n-Propanol | 2.343      | 151.685   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

**Sample:** 0.400 Cerilliant FN11191402  
**Injection date:** 5/2/2017 1:59:36 PM  
**Method:** ethanol quant.M  
**Instrument:** US14173023 CN14160045  
**Data file:** C:\Chem32\1\Data\2May17\4.D

**Item number:**  
**Vial:** 4  
**Sequence:** 2May17  
**Analyst:** Adrian

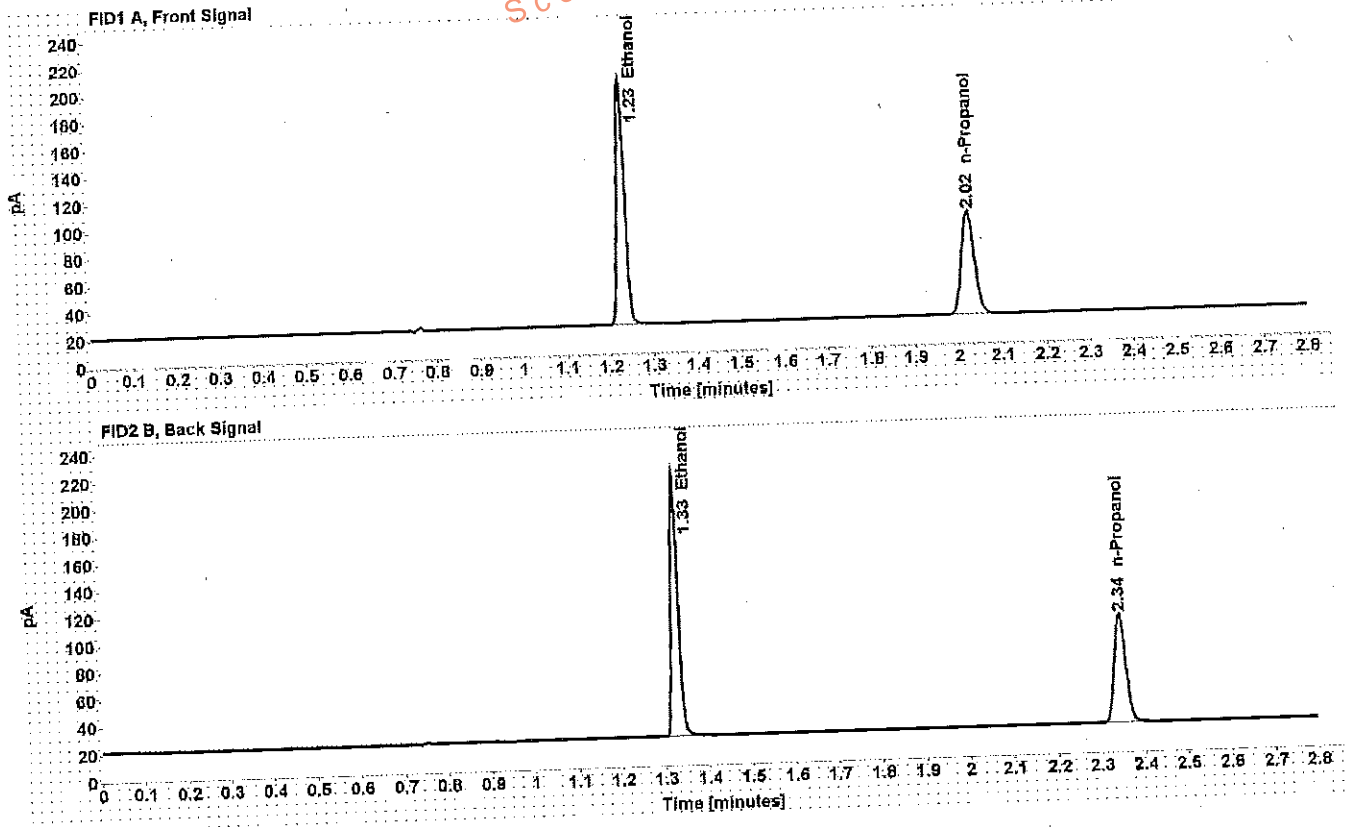


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.228      | 233.165   |
| n-Propanol | 2.023      | 156.388   |

Table 2: FID 2 B (column DB-ALC2)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.325      | 225.383   |
| n-Propanol | 2.344      | 149.696   |

WA

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: blank 012517  
 Injection date: 5/2/2017 2:03:36 PM  
 Method: ethanol quant.M  
 Instrument: US14173023 CN14160045  
 Data file: C:\Chem\3211\Data\2May17\5.D

Item number:  
 Vial: 5  
 Sequence: 2May17  
 Analyst: Adrian

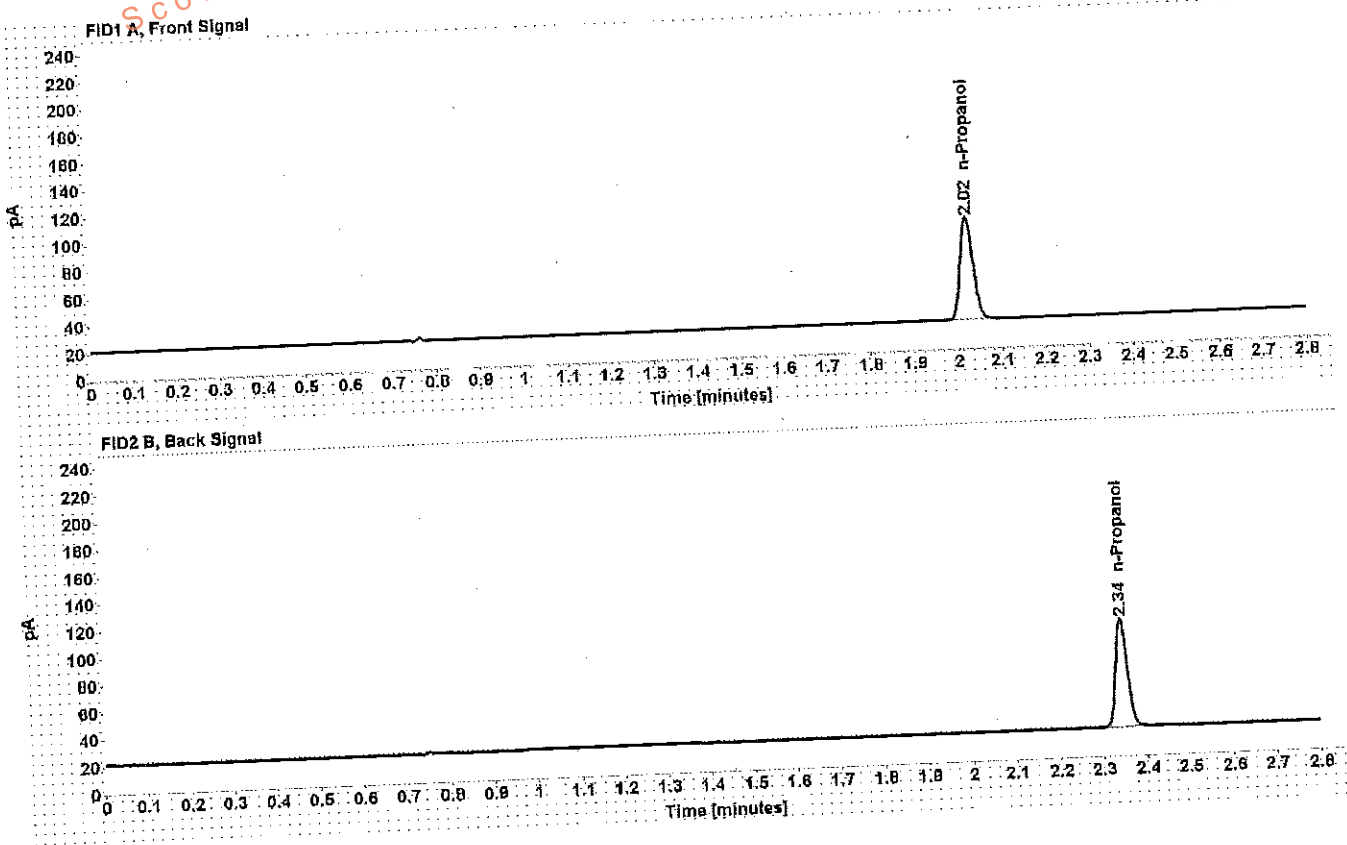


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | -----            | 2.023      | 155.353   |

Table 2: FID 2 B (column DB-ALC2)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.344      | 148.788   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

WFA

|                 |                              |              |        |
|-----------------|------------------------------|--------------|--------|
| Sample:         | volatiles mix 020917 WLA     | Item number: | 6      |
| Injection date: | 5/2/2017 2:07:37 PM          | Vial:        | 6      |
| Method:         | ethanol quant M              | Sequence:    | 2May17 |
| Instrument:     | US14173023 CN14160045        | Analyst:     | Adrian |
| Data file:      | C:\Chem\3211\Data\2May17\6.D |              |        |

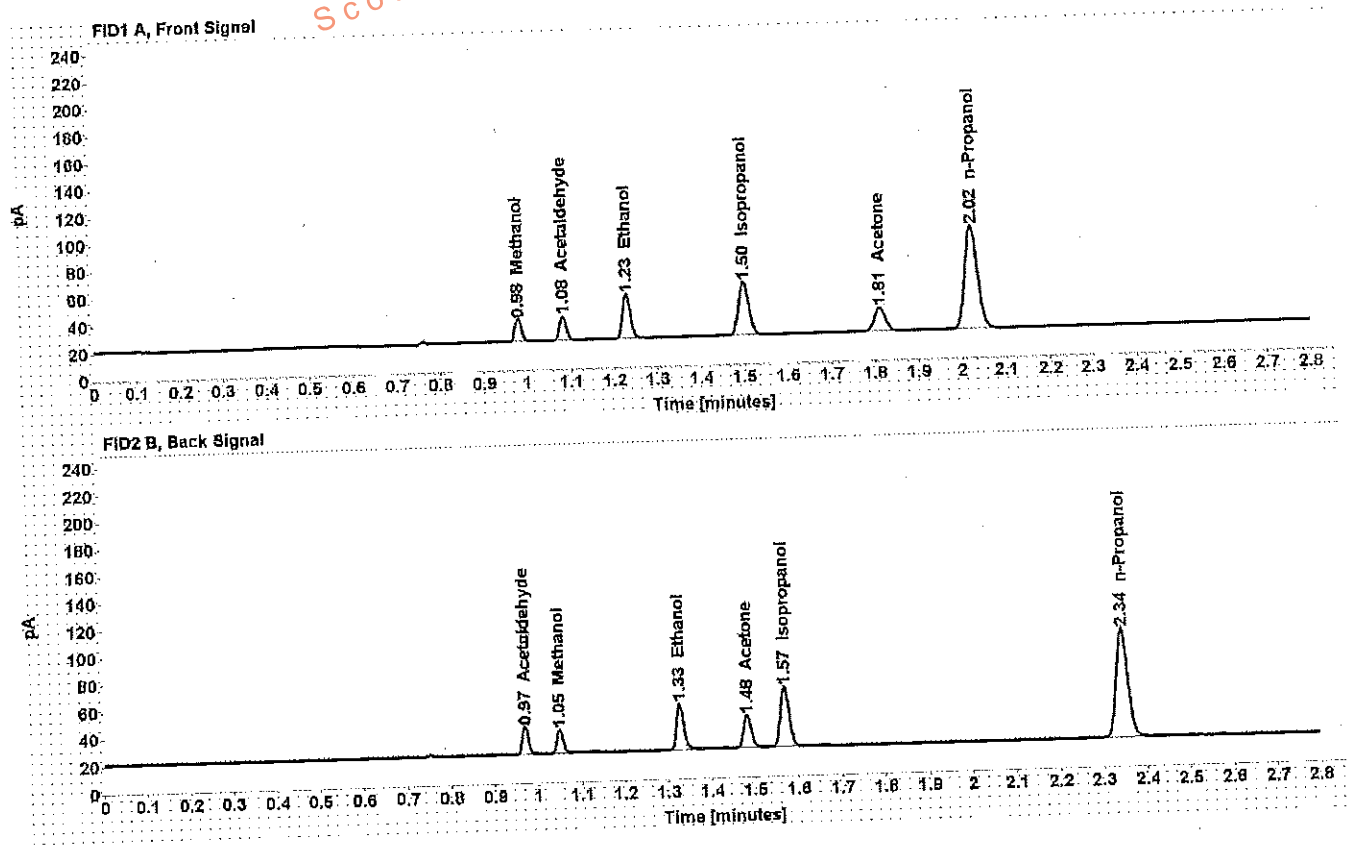


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Methanol     | -----            | 0.980      | 18.407    |
| Acetaldehyde | -----            | 1.082      | 19.653    |
| >Ethanol     | 0.0736           | 1.229      | 42.089    |
| Isopropanol  | -----            | 1.500      | 64.326    |
| Acetone      | -----            | 1.812      | 31.139    |
| n-Propanol   | -----            | 2.023      | 155.364   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.971      | 19.416    |
| Methanol     | 1.050      | 17.786    |
| Ethanol      | 1.327      | 40.103    |
| Acetone      | 1.482      | 29.866    |
| Isopropanol  | 1.569      | 62.525    |
| n-Propanol   | 2.344      | 148.753   |



# Scottsdale Police Department Crime Lab Volatiles Analysis

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|   |                         |
|---|-------------------------|
| <b>Sample:</b> 0.400 Lipomed 08012015-C       | <b>Item number:</b> WA  |
| <b>Injection date:</b> 5/2/2017 2:11:51 PM    | <b>Vial:</b> 7          |
| <b>Method:</b> ethanol quant.M                | <b>Sequence:</b> 2May17 |
| <b>Instrument:</b> US14173023 CN14160045      | <b>Analyst:</b> Adrian  |
| <b>Data file:</b> C:\Chem32\1\Data\2May17\7.D |                         |

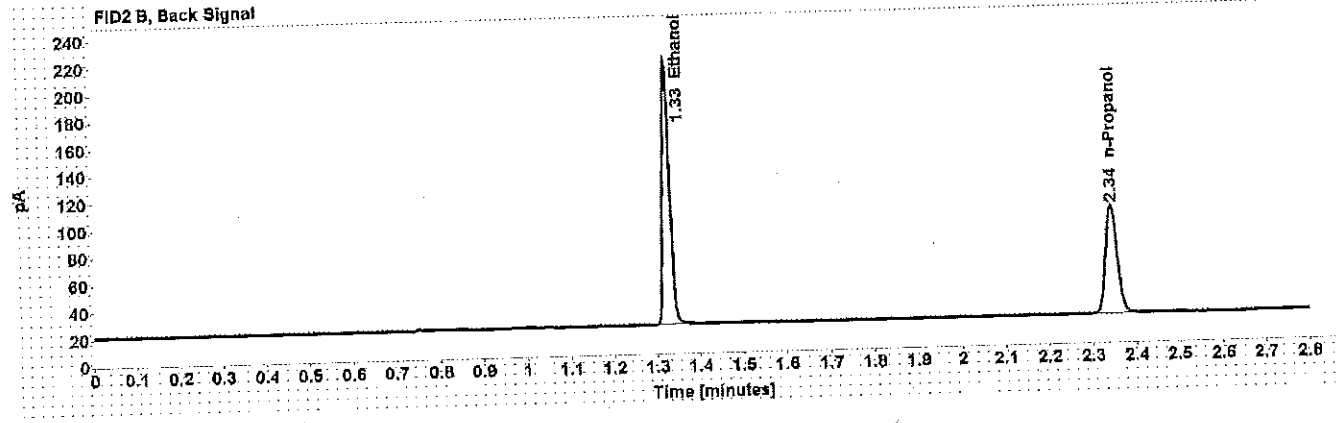
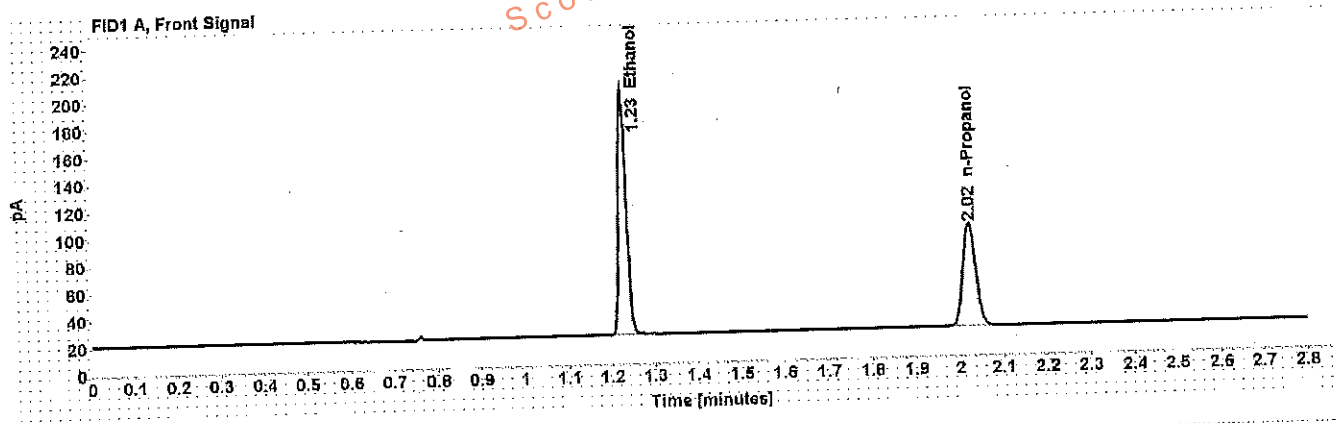


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.4025           | 1.228      | 232.836   |
| n-Propanol | -----            | 2.023      | 155.440   |

Table 2: FID 2 B (column DB-ALC2)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.325      | 224.958   |
| n-Propanol | 2.344      | 148.829   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

WAA

|   |                         |
|---|-------------------------|
| <b>Sample:</b> 0.040 Lipomed 09022015-A       | <b>Item number:</b>     |
| <b>Injection date:</b> 5/2/2017 2:15:51 PM    | <b>Vial:</b> 8          |
| <b>Method:</b> ethanol quant M                | <b>Sequence:</b> 2May17 |
| <b>Instrument:</b> US14173023 CN14160045      | <b>Analyst:</b> Adrian  |
| <b>Data file:</b> C:\Chem32\11Data\2May17\8.D |                         |

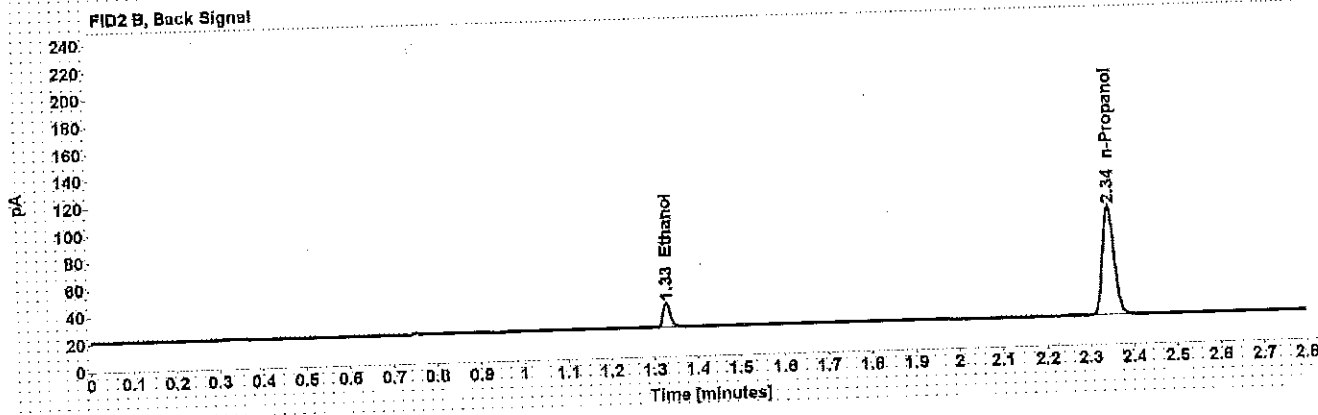
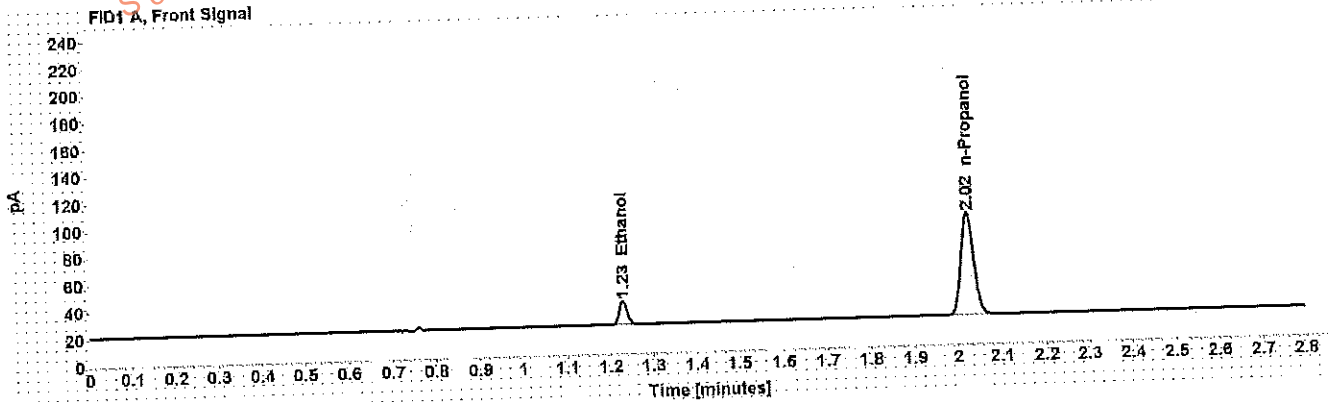


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.0399           | 1.230      | 22.605    |
| n-Propanol | -----            | 2.023      | 155.647   |

Table 2: FID 2 B (column DB-ALC2)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.327      | 21.383    |
| n-Propanol | 2.343      | 149.173   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

|                 |                             |              |        |
|-----------------|-----------------------------|--------------|--------|
| Sample:         | 0.20 ACQ 407041529/3        | Item number: | 9      |
| Injection date: | 5/2/2017 2:19:51 PM         | Vial:        | 9      |
| Method:         | ethanol quant.M             | Sequence:    | 2May17 |
| Instrument:     | US14173023 GN14160045       | Analyst:     | Adrian |
| Data file:      | C:\Chem3211\Data\2May17\9.D |              |        |

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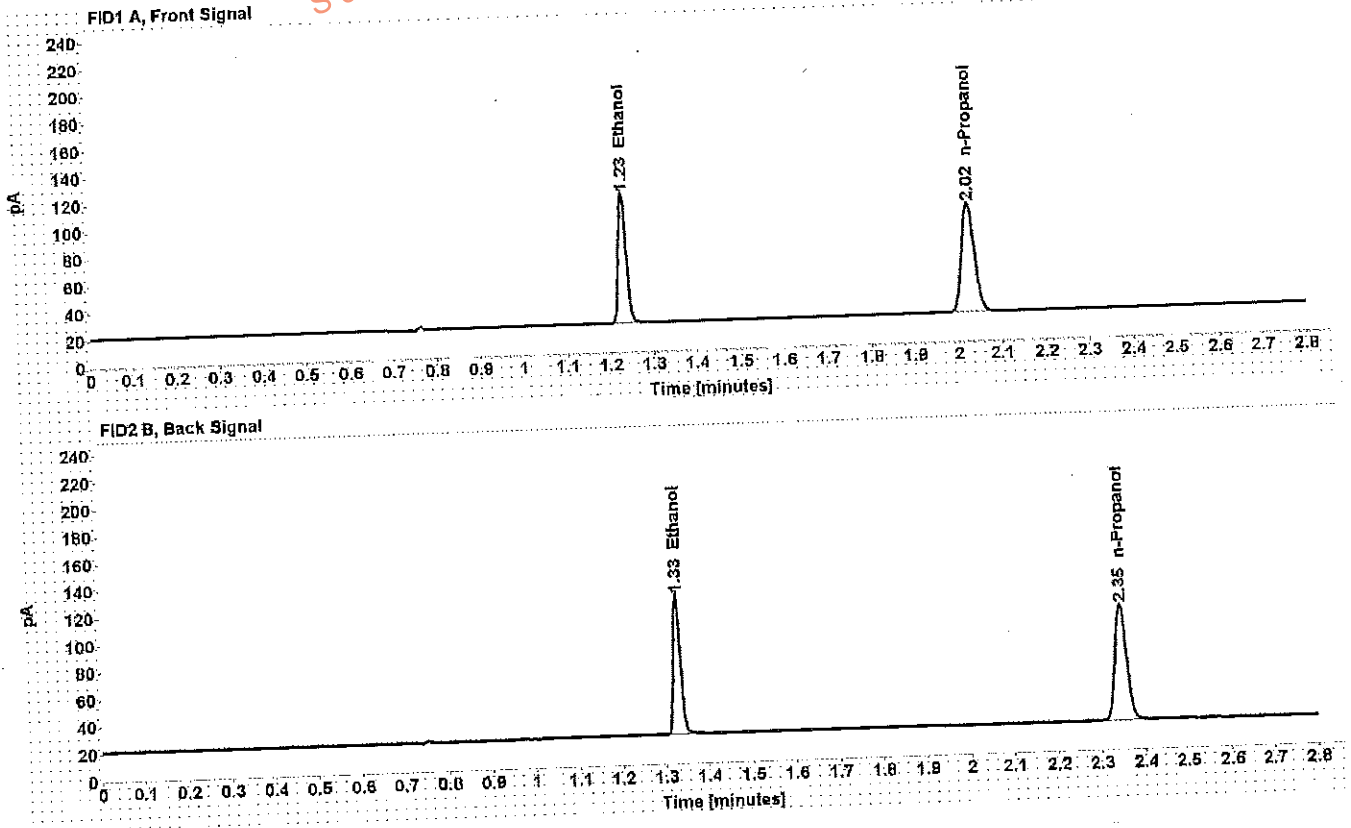


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2011           | 1.230      | 123.791   |
| n-Propanol | -----            | 2.024      | 165.848   |

Table 2: FID 2 B (column DB-ALC2)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.328      | 118.979   |
| n-Propanol | 2.346      | 159.042   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

**Sample:** 0.080 Lipomed 28082014-B  
**Injection date:** 5/2/2017 3:04:22 PM  
**Method:** ethanol quant.M  
**Instrument:** US14173023 CN14160045  
**Data file:** C:\Chem32\1\Data\2May17\20.D

**Item number:**  
**Vial:** 20  
**Sequence:** 2May17  
**Analyst:** Adrian

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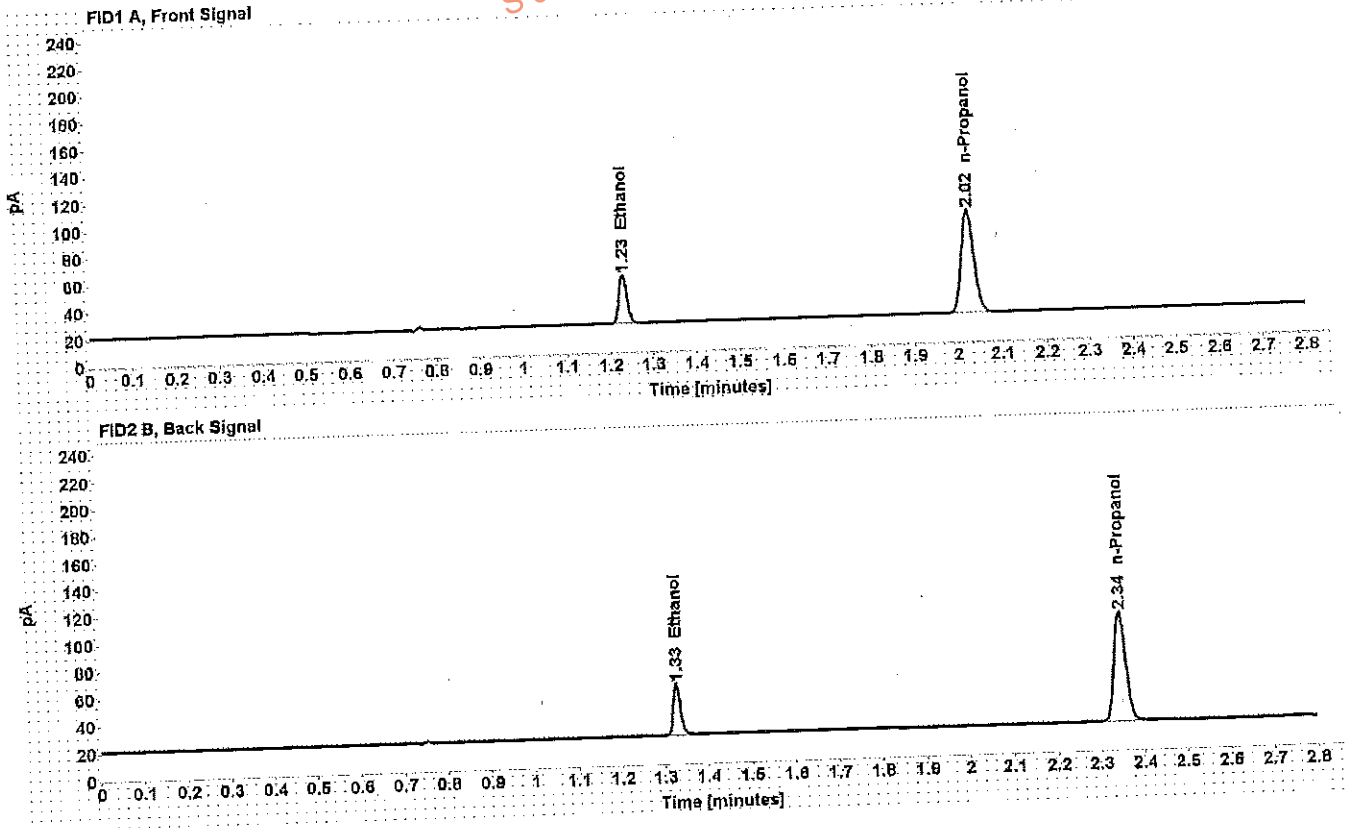


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.0805           | 1.230      | 46.193    |
| n-Propanol | -----            | 2.024      | 155.790   |

Table 2: FID 2 B (column DB-ALC2)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.328      | 44.241    |
| n-Propanol | 2.345      | 149.933   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

|  |                         |
|--|-------------------------|
| <b>Sample:</b> 0.150 Lipomed 09022015-C        | <b>Item number:</b>     |
| <b>Injection date:</b> 5/2/2017 3:48:51 PM     | <b>Vial:</b> 31         |
| <b>Method:</b> ethanol quant.M                 | <b>Sequence:</b> 2May17 |
| <b>Instrument:</b> US14173023 CN14160045       | <b>Analyst:</b> Adrian  |
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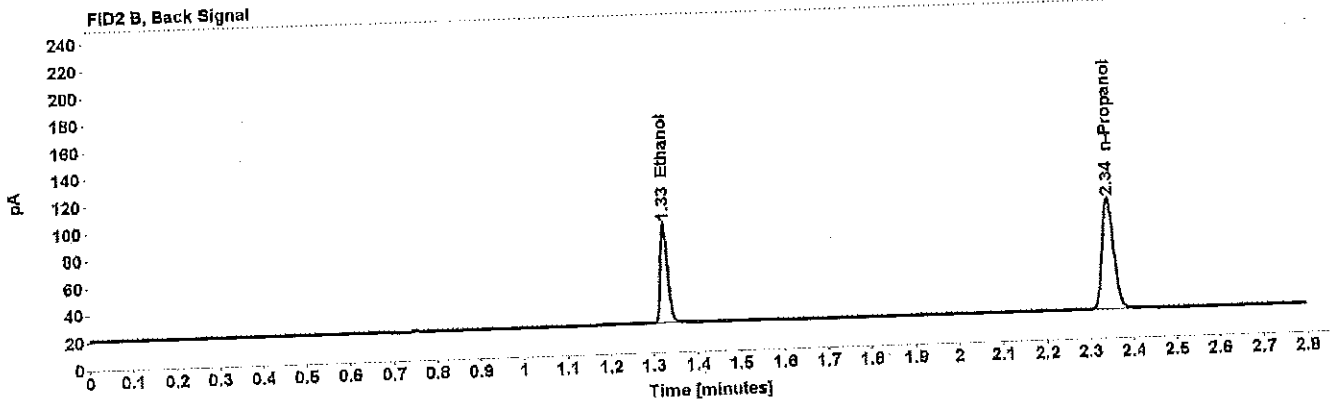
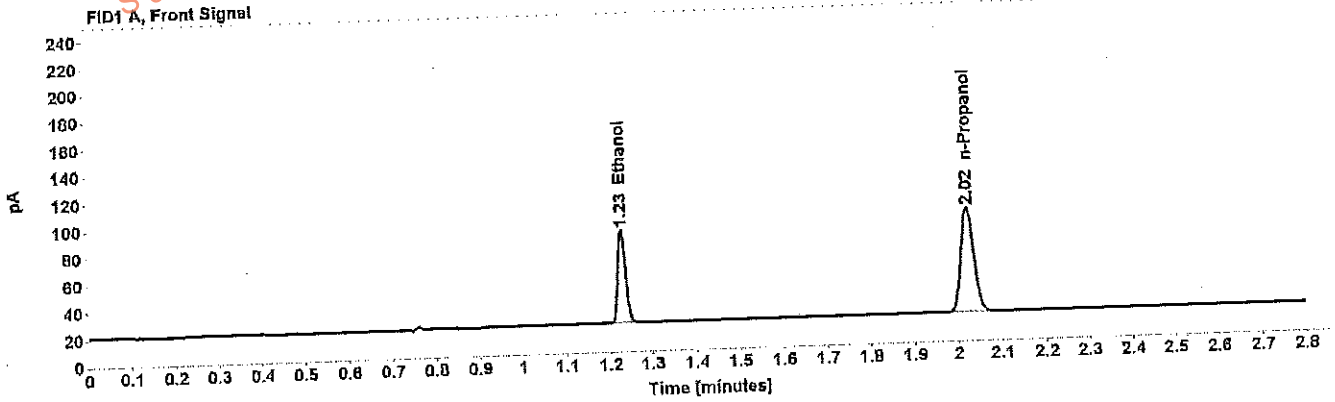


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1506           | 1.229      | 88.690    |
| n-Propanol | -----            | 2.023      | 158.941   |

Table 2: FID 2 B (column DB-ALC2)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.327      | 85.478    |
| n-Propanol | 2.344      | 153.018   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

|   |                         |
|---|-------------------------|
| <b>Sample:</b> 0.20 ACQ 407041529/3             | <b>Item number:</b>     |
| <b>Injection date:</b> 5/2/2017 4:33:06 PM      | <b>Vial:</b> 42         |
| <b>Method:</b> ethanol quant.M                  | <b>Sequence:</b> 2May17 |
| <b>Instrument:</b> US14173023 CN14160045        | <b>Analyst:</b> Adrian  |
| <b>Data file:</b> C:\Chem32\11\Data\2May17\42.D |                         |

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 Scottsdale City Prosecutor

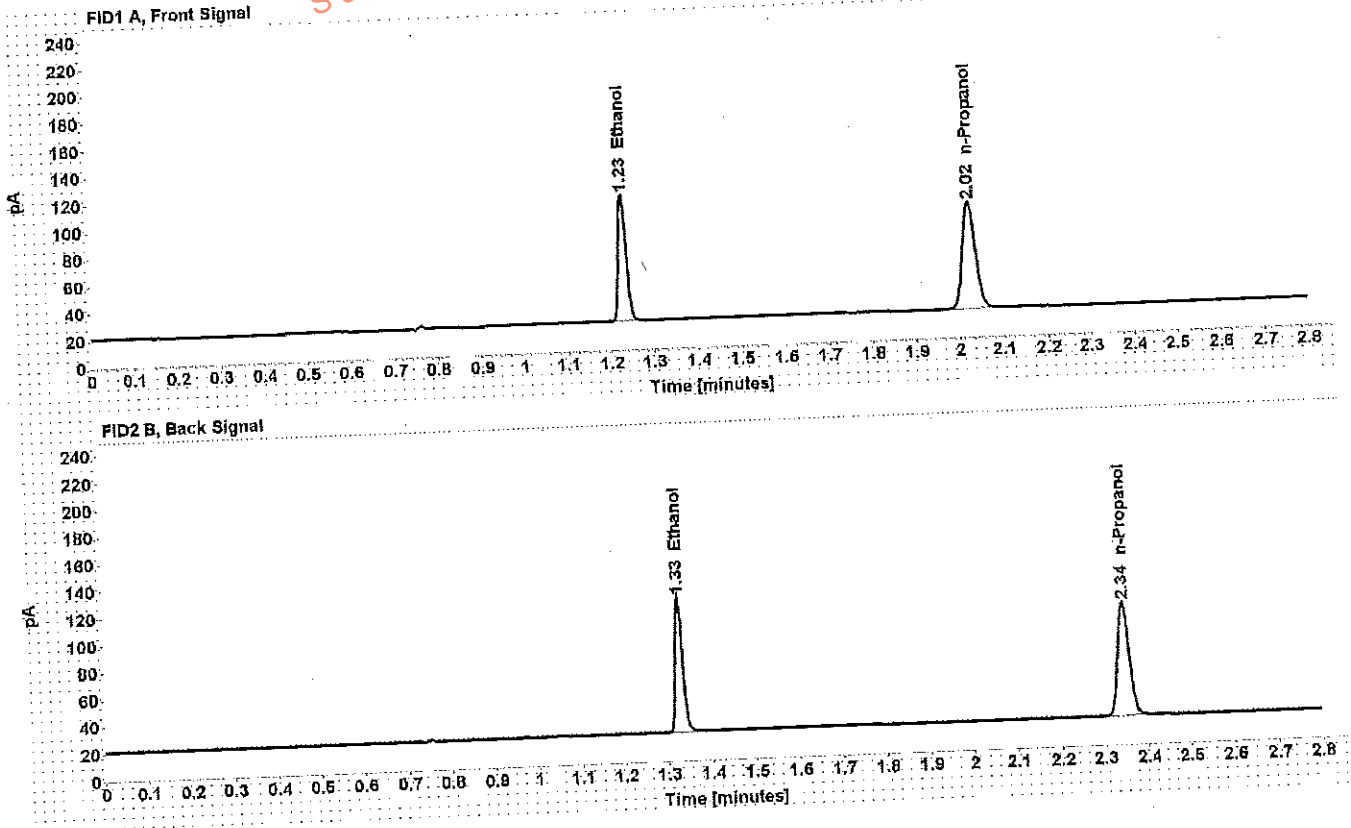


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2002           | 1.229      | 120.781   |
| n-Propanol | -----            | 2.024      | 162.518   |

Table 2: FID 2 B (column DB-ALC2)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.327      | 116.320   |
| n-Propanol | 2.345      | 156.275   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

**Sample:** 0.40 Lipomed 08012015-C  
**Injection date:** 5/2/2017 5:09:37 PM  
**Method:** ethanol quant.M  
**Instrument:** US14173023 CN14160045  
**Data file:** C:\Chem32\1\Data\2May17\51.D

**Item number:**  
**Vial:** 51  
**Sequence:** 2May17  
**Analyst:** Adrian

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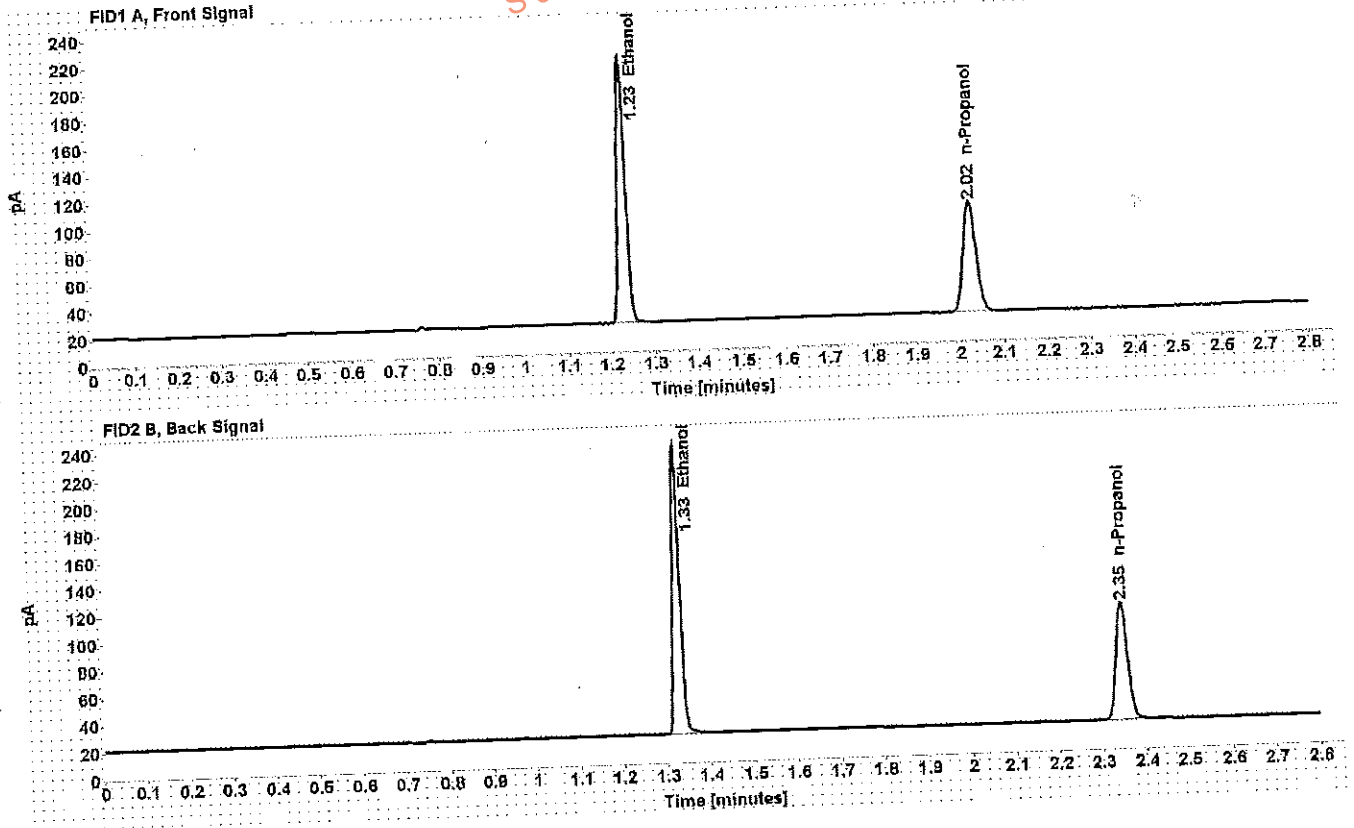


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.4098           | 1.229      | 254.606   |
| n-Propanol | -----            | 2.024      | 166.930   |

Table 2: FID 2 B (column DB-ALC2)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.327      | 247.157   |
| n-Propanol | 2.345      | 160.874   |

WA

# Scottsdale Police Department Crime Lab Volatiles Analysis

**Sample:** 0.04 Lipomed 09022015-A  
**Injection date:** 5/2/2017 5:13:36 PM  
**Method:** ethanol quant.M  
**Instrument:** US14173023 CN14160045  
**Data file:** C:\Chem32\11\Data\2May17\52.D

**Item number:**  
**Vial:** 52  
**Sequence:** 2May17  
**Analyst:** Adrian

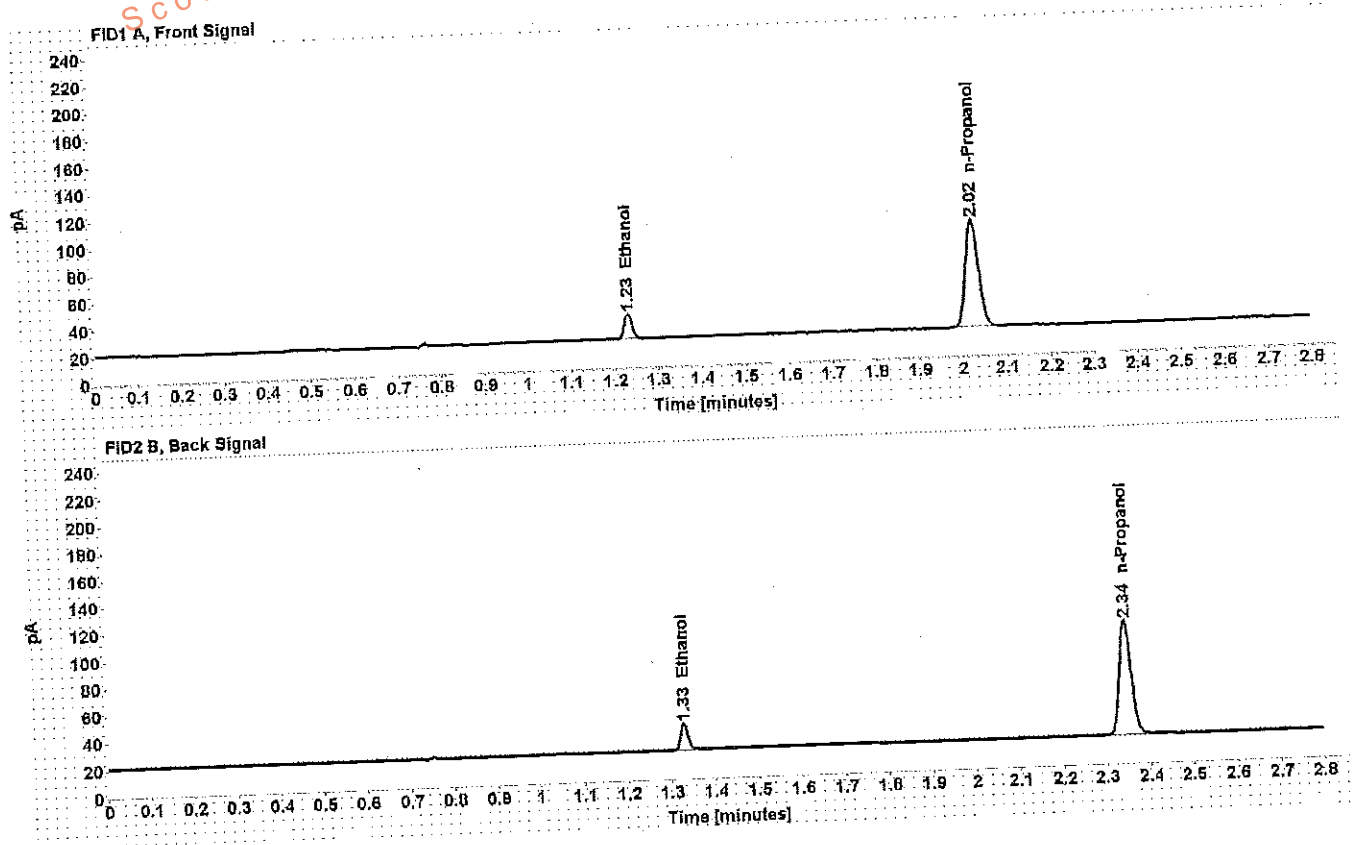


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.0407           | 1.231      | 24.098    |
| n-Propanol | -----            | 2.024      | 162.860   |

Table 2: FID 2 B (column DB-ALC2)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.329      | 22.903    |
| n-Propanol | 2.345      | 157.074   |



# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

|                 |                               |              |        |
|-----------------|-------------------------------|--------------|--------|
| Sample:         | 0.20 ACQ 407041529/3          | Item number: | 53     |
| Injection date: | 5/2/2017 5:17:36 PM           | Vial:        | 53     |
| Method:         | ethanol quant.M               | Sequence:    | 2May17 |
| Instrument:     | US14173023 CN14160045         | Analyst:     | Adrian |
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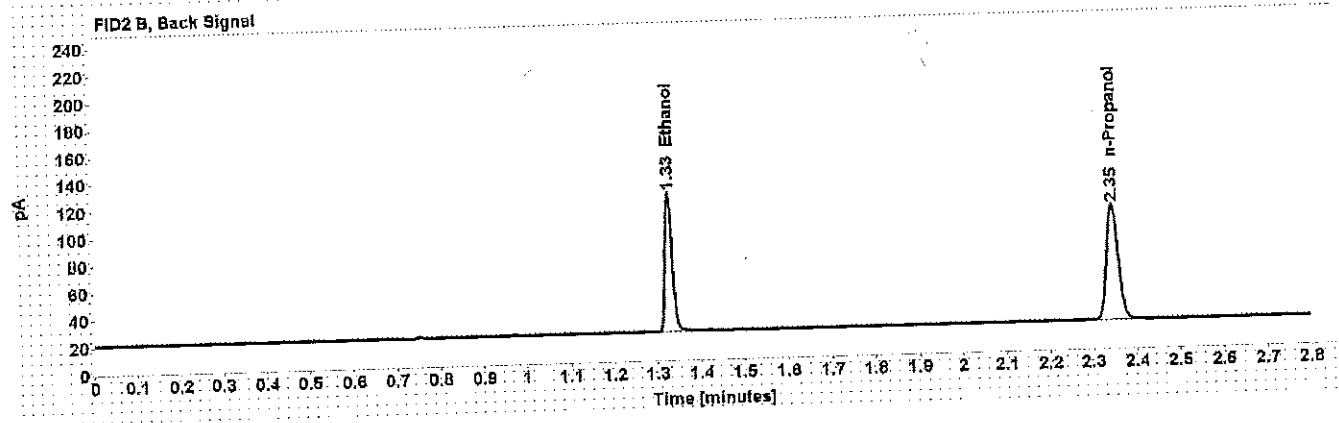
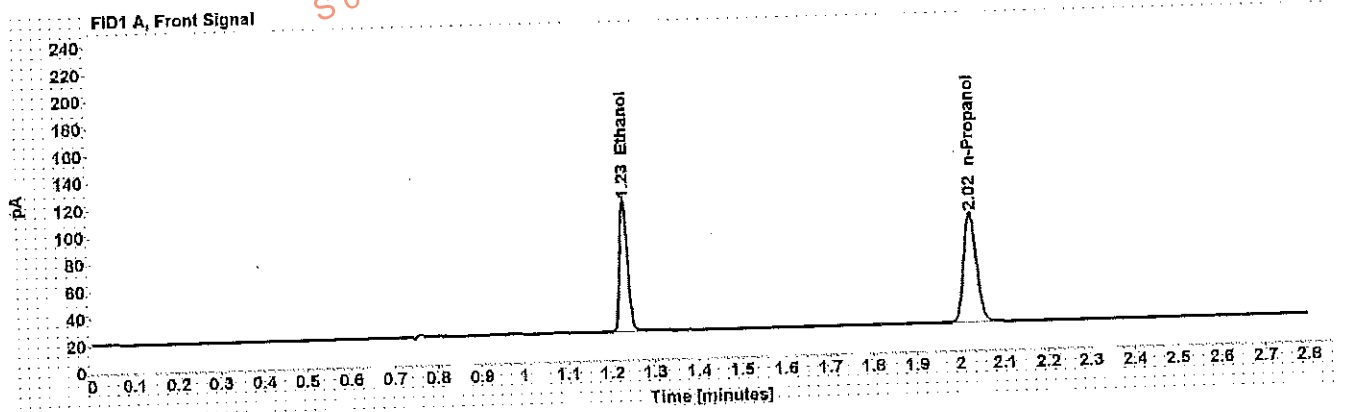


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2024           | 1.230      | 123.796   |
| n-Propanol | -----            | 2.024      | 164.772   |

Table 2: FID 2 B (column DB-ALC2)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.328      | 119.425   |
| n-Propanol | 2.346      | 158.870   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

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|                 |                               |              |        |
|-----------------|-------------------------------|--------------|--------|
| Sample:         | blank 012517                  | Item number: | 54     |
| Injection date: | 5/2/2017 5:21:37 PM           | Vial:        | 54     |
| Method:         | ethanol quant.M               | Sequence:    | 2May17 |
| Instrument:     | US14173023 CN14160045         | Analyst:     | Adrian |
| Data file:      | C:\Chem32\11\Data\2May17\54.D |              |        |

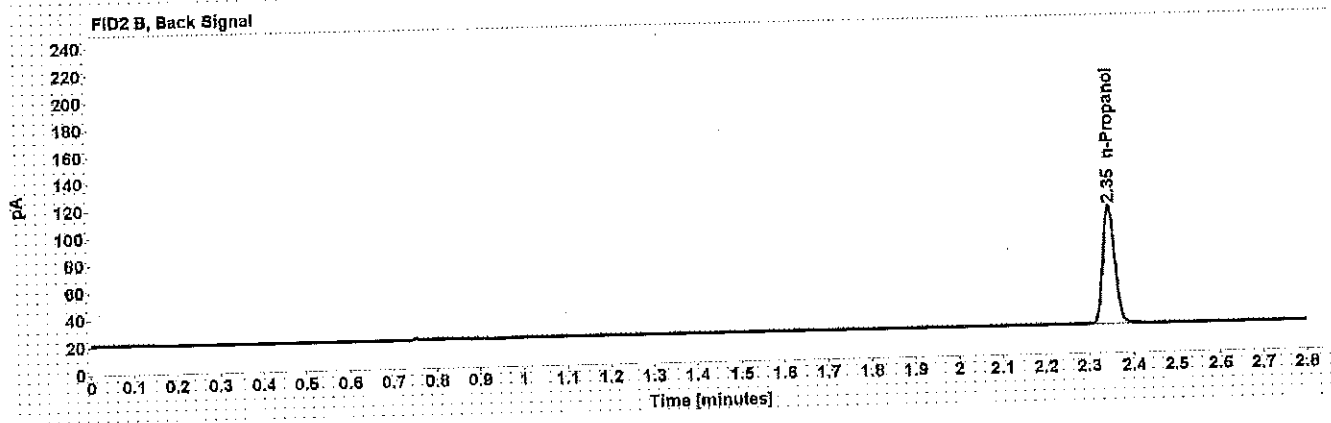
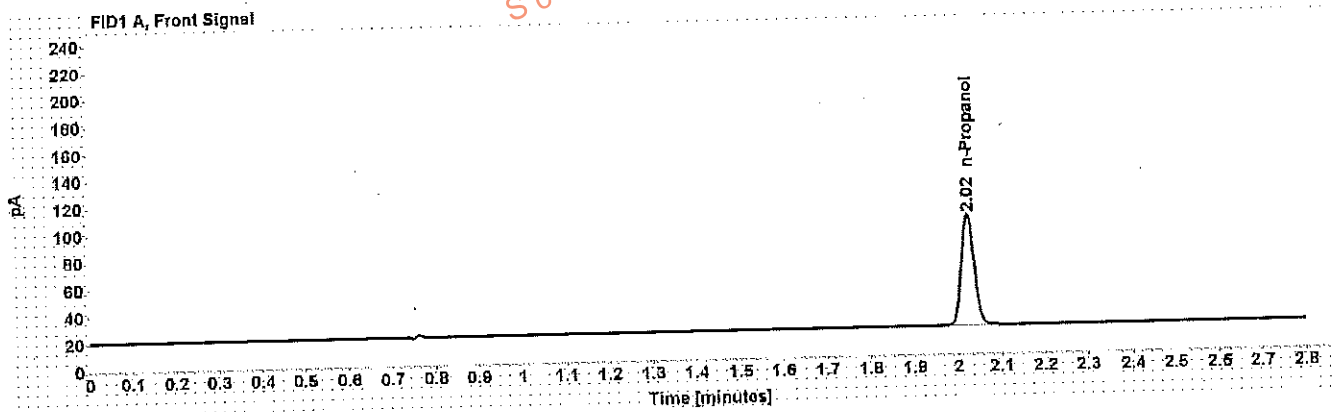


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | -----            | 2.024      | 167.737   |

Table 2: FID 2 B (column DB-ALC2)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.346      | 161.669   |

# Sequence Summary

Page 1 of 2

Sequence name: 2May17 Instrument: US1473023 CN14160045 Analyst: Adrian

| Vial | Sample                      | Type        | Item Number | Method          |
|------|-----------------------------|-------------|-------------|-----------------|
| 1    | 0.020 Cerilliant FN03241604 | Calibration |             | ethanol quant.M |
| 2    | 0.100 Cerilliant FN06181501 | Calibration |             | ethanol quant.M |
| 3    | 0.200 Cerilliant FN07201502 | Calibration |             | ethanol quant.M |
| 4    | 0.400 Cerilliant FN11191402 | Calibration |             | ethanol quant.M |
| 5    | blank 012517                | Control     |             | ethanol quant.M |
| 6    | volatiles mix 020917 WLA    | Control     |             | ethanol quant.M |
| 7    | 0.400 Lipomed 08012015-C    | Control     |             | ethanol quant.M |
| 8    | 0.040 Lipomed 09022015-A    | Control     |             | ethanol quant.M |
| 9    | 0.20 ACQ 407041529/3        | Control     |             | ethanol quant.M |
| 10   |                             | Sample      | 327-01A     | ethanol quant.M |
| 11   |                             | Sample      | 327-01A     | ethanol quant.M |
| 12   |                             | Sample      | 1149658     | ethanol quant.M |
| 13   |                             | Sample      | 1149658     | ethanol quant.M |
| 14   |                             | Sample      | 1147260     | ethanol quant.M |
| 15   |                             | Sample      | 1147260     | ethanol quant.M |
| 16   |                             | Sample      | 1147062     | ethanol quant.M |
| 17   |                             | Sample      | 1147062     | ethanol quant.M |
| 18   |                             | Sample      | 1147066     | ethanol quant.M |
| 19   |                             | Sample      | 1147066     | ethanol quant.M |
| 20   | 0.080 Lipomed 28082014-B    | Control     |             | ethanol quant.M |
| 21   |                             | Sample      | 1125048     | ethanol quant.M |
| 22   |                             | Sample      | 1125048     | ethanol quant.M |
| 23   |                             | Sample      | 1127617     | ethanol quant.M |
| 24   |                             | Sample      | 1127617     | ethanol quant.M |
| 25   |                             | Sample      | 1125664     | ethanol quant.M |
| 26   |                             | Sample      | 1125664     | ethanol quant.M |
| 27   |                             | Sample      | 1125473     | ethanol quant.M |
| 28   |                             | Sample      | 1125473     | ethanol quant.M |
| 29   |                             | Sample      | 311-01A     | ethanol quant.M |
| 30   |                             | Sample      | 311-01A     | ethanol quant.M |
| 31   | 0.150 Lipomed 09022015-C    | Control     |             | ethanol quant.M |
| 32   |                             | Sample      | 1124707     | ethanol quant.M |
| 33   |                             | Sample      | 1124707     | ethanol quant.M |
| 34   |                             | Sample      | 1148743     | ethanol quant.M |
| 35   |                             | Sample      | 1148743     | ethanol quant.M |
| 36   |                             | Sample      | 1147815     | ethanol quant.M |
| 37   |                             | Sample      | 1147815     | ethanol quant.M |
| 38   |                             | Sample      | 1147762     | ethanol quant.M |
| 39   |                             | Sample      | 1147762     | ethanol quant.M |
| 40   |                             | Sample      | 1147347     | ethanol quant.M |
| 41   |                             | Sample      | 1147347     | ethanol quant.M |
| 42   | 0.20 ACQ 407041529/3        | Control     |             | ethanol quant.M |
| 43   |                             | Sample      | 1148646     | ethanol quant.M |
| 44   |                             | Sample      | 1148646     | ethanol quant.M |
| 45   |                             | Sample      | 1147385     | ethanol quant.M |
| 46   |                             | Sample      | 1147385     | ethanol quant.M |
| 47   |                             | Sample      | 1147281     | ethanol quant.M |

WA

### Sequence Summary

|    |                         |         |         |                 |
|----|-------------------------|---------|---------|-----------------|
| 48 |                         | Sample  | 1147281 | ethanol quant.M |
| 49 |                         | Sample  | 1147514 | ethanol quant.M |
| 50 |                         | Sample  | 1147514 | ethanol quant.M |
| 51 | 0.40 Lipomed 08012015-C | Control |         | ethanol quant.M |
| 52 | 0.04 Lipomed 09022015-A | Control |         | ethanol quant.M |
| 53 | 0.20 ACQ 407041529/3    | Control |         | ethanol quant.M |
| 54 | blank 012517            | Control |         | ethanol quant.M |

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Scottsdale City Prosecutor

# Scottsdale Police Department Crime Laboratory

## Summary of Cases

WA

SEQUENCE NAME: 2May17

ANALYST: Adrian

| Vials | Test 1 (g/dL) | Test 2 (g/dL) | Mean (g/dL) | Percent Difference* | Absolute Difference (g/dL)* |
|-------|---------------|---------------|-------------|---------------------|-----------------------------|
| 10 11 | 0.2512        | 0.2483        | 0.24975     | 0.58                | 0.00145                     |
| 12 13 | 0.2795        | 0.2789        | 0.27920     | 0.11                | 0.00030                     |
| 14 15 | 0.1626        | 0.1620        | 0.16230     | 0.18                | 0.00030                     |
| 16 17 | 0.1978        | 0.1994        | 0.19860     | 0.40                | 0.00080                     |
| 18 19 | 0.1663        | 0.1658        | 0.16605     | 0.15                | 0.00025                     |
| 21 22 | 0.1235        | 0.1236        | 0.12355     | 0.04                | 0.00005                     |
| 23 24 | 0.1944        | 0.1965        | 0.19545     | 0.54                | 0.00105                     |
| 25 26 | 0.2416        | 0.2413        | 0.24145     | 0.06                | 0.00015                     |
| 27 28 | 0.2859        | 0.2848        | 0.28535     | 0.19                | 0.00055                     |
| 29 30 | 0.1129        | 0.1143        | 0.11360     | 0.62                | 0.00070                     |
| 32 33 | 0.2791        | 0.2807        | 0.27990     | 0.29                | 0.00080                     |
| 34 35 | 0.1703        | 0.1714        | 0.17085     | 0.32                | 0.00055                     |
| 36 37 | 0.2503        | 0.2484        | 0.24935     | 0.38                | 0.00095                     |
| 38 39 | 0.2613        | 0.2646        | 0.26295     | 0.63                | 0.00165                     |
| 40 41 | 0.0882        | 0.0876        | 0.08790     | 0.34                | 0.00030                     |
| 43 44 | 0.3251        | 0.3215        | 0.32330     | 0.56                | 0.00180                     |
| 45 46 | 0.1717        | 0.1724        | 0.17205     | 0.20                | 0.00035                     |
| 47 48 | 0.1725        | 0.1719        | 0.17220     | 0.17                | 0.00030                     |
| 49 50 | 0.2384        | 0.2381        | 0.23825     | 0.06                | 0.00015                     |

\*Calculated differences are differences from the mean of the two results.

Case: [REDACTED] User: wadrian 5/3/2017

## Scottsdale Police Department Crime Lab Volatiles Analysis

|  |                             |
|--|-----------------------------|
| <b>Sample:</b> [REDACTED]                      | <b>Item number:</b> 327-01A |
| <b>Injection date:</b> 5/2/2017 2:23:51 PM     | <b>Vial:</b> 10             |
| <b>Method:</b> ethanol quant.M                 | <b>Sequence:</b> 2May17     |
| <b>Instrument:</b> US14173023 CN14160045       | <b>Analyst:</b> Adrian      |
| <b>Data file:</b> C:\Chem32\1\Data\2May17\10.D |                             |

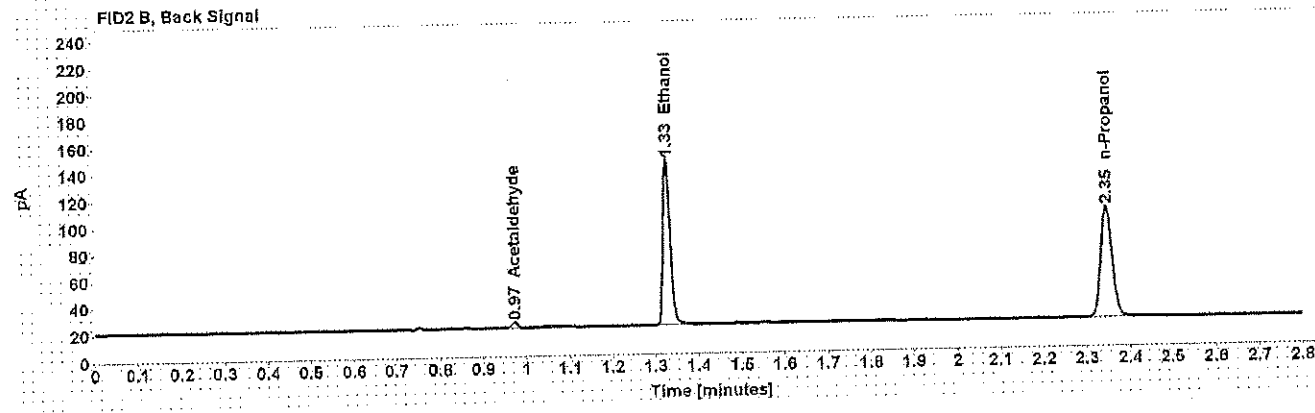
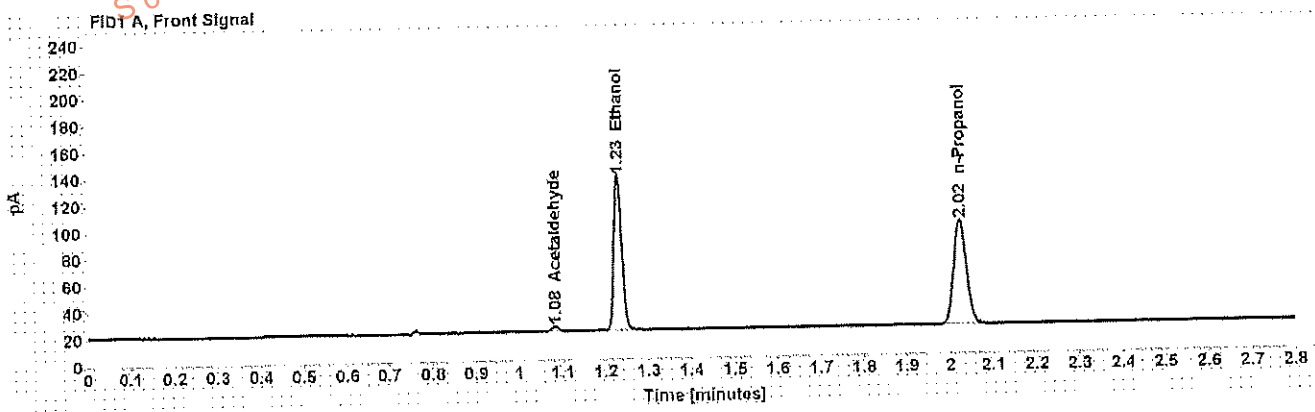


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 3.833     |
| >Ethanol     | 0.2512           | 1.230      | 149.003   |
| n-Propanol   | -----            | 2.025      | 159.634   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.973      | 3.774     |
| Ethanol      | 1.328      | 143.304   |
| n-Propanol   | 2.346      | 153.629   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|   |                      |
|---|----------------------|
| Sample: [REDACTED]                      | Item number: 327-01A |
| Injection date: 5/2/2017 2:27:51 PM     | Vial: 11             |
| Method: ethanol quant.M                 | Sequence: 2May17     |
| Instrument: US14173023 CN14160045       | Analyst: Adrian      |
| Data file: C:\Chem3211\Data\2May17\11.D |                      |

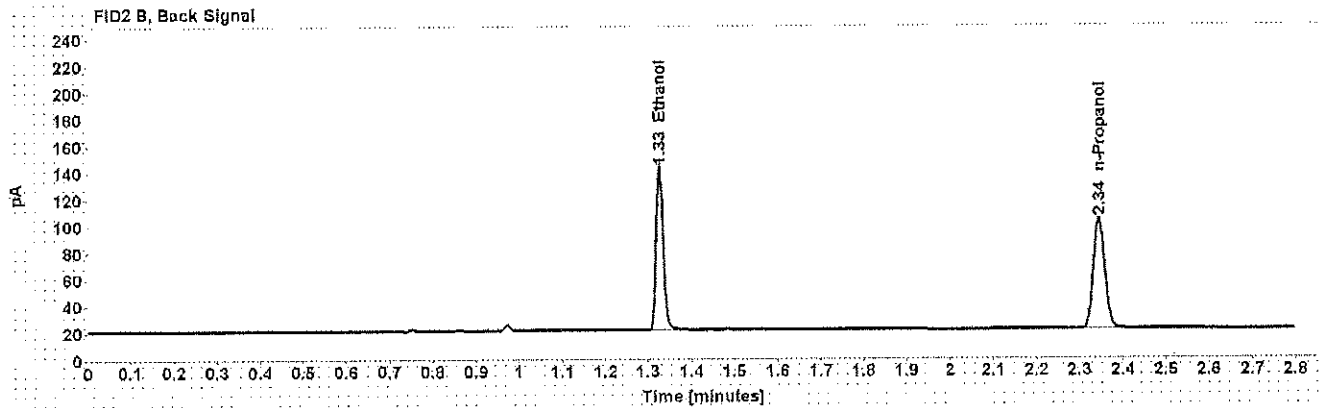
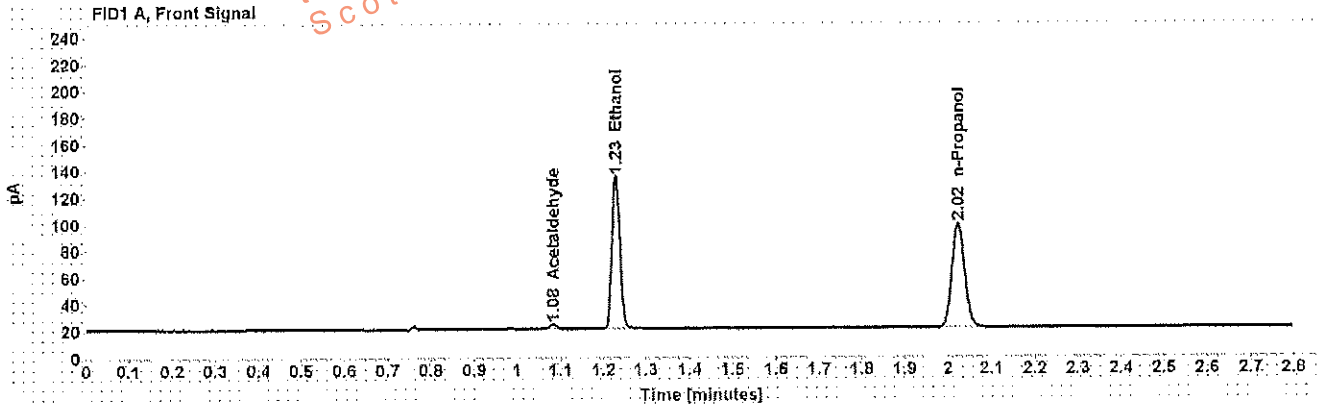


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.082      | 3.832     |
| >Ethanol     | 0.2483           | 1.229      | 147.420   |
| n-Propanol   | -----            | 2.024      | 159.779   |

Table 2: FID 2 B (column DB-ALC2)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.326      | 142.069   |
| n-Propanol | 2.344      | 153.662   |

Case: [REDACTED] User: wadrian 5/3/2017

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1149658  
Injection date: 5/2/2017 2:31:51 PM Vial: 12  
Method: ethanol quant.M Sequence: 2May17  
Instrument: US14173023 CN14160045 Analyst: Adrian  
Data file: C:\Chem32\1\Data\2May17\12.D

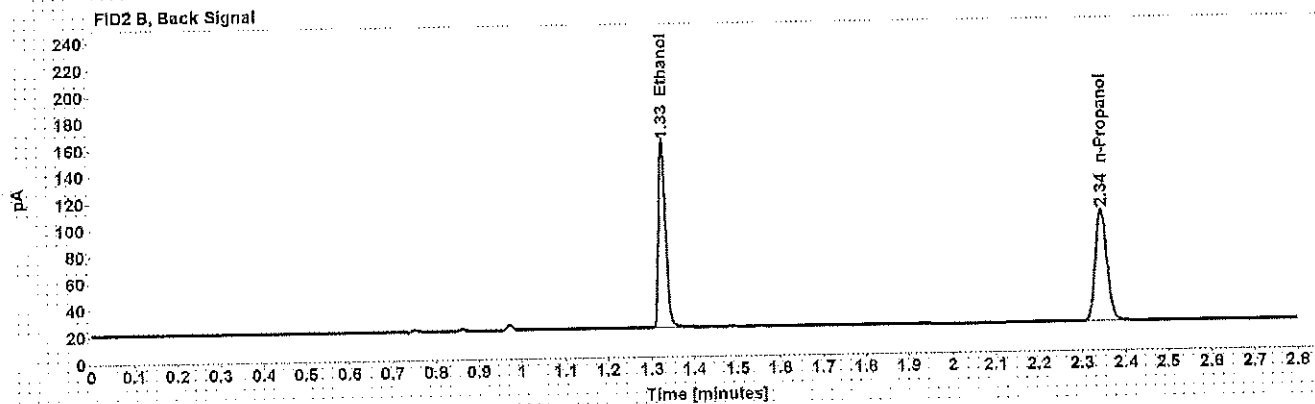
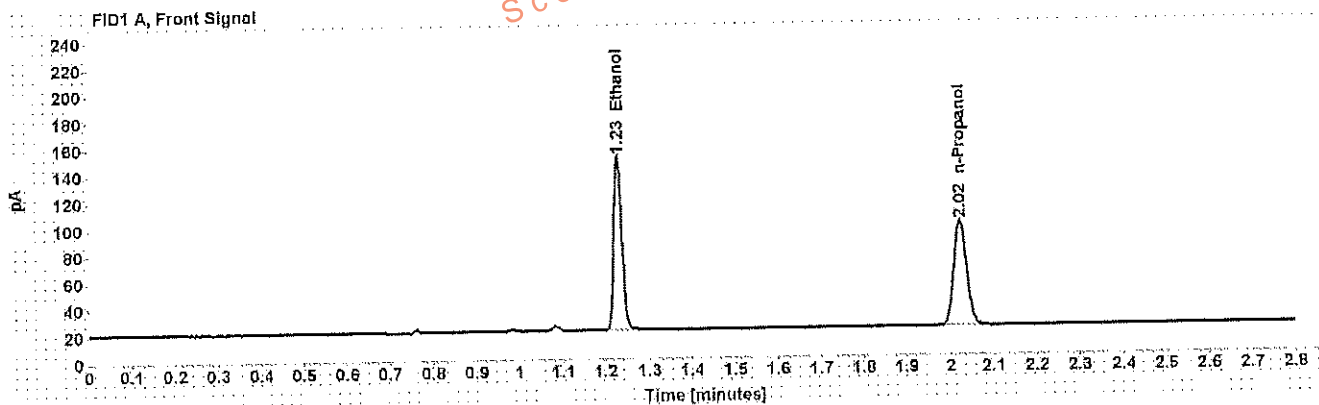


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2795           | 1.229      | 167.918   |
| n-Propanol | -----            | 2.024      | 161.825   |

Table 2: FID 2 B (column DB-ALC2)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.327      | 162.040   |
| n-Propanol | 2.345      | 155.232   |



Case: [REDACTED] User: wadrian 5/3/2017

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1149658  
Injection date: 5/2/2017 2:36:06 PM Vial: 13  
Method: ethanol quant.M Sequence: 2May17  
Instrument: US14173023 CN44160045 Analyst: Adrian  
Data file: C:\Chem3211\Data\2May17\13.D

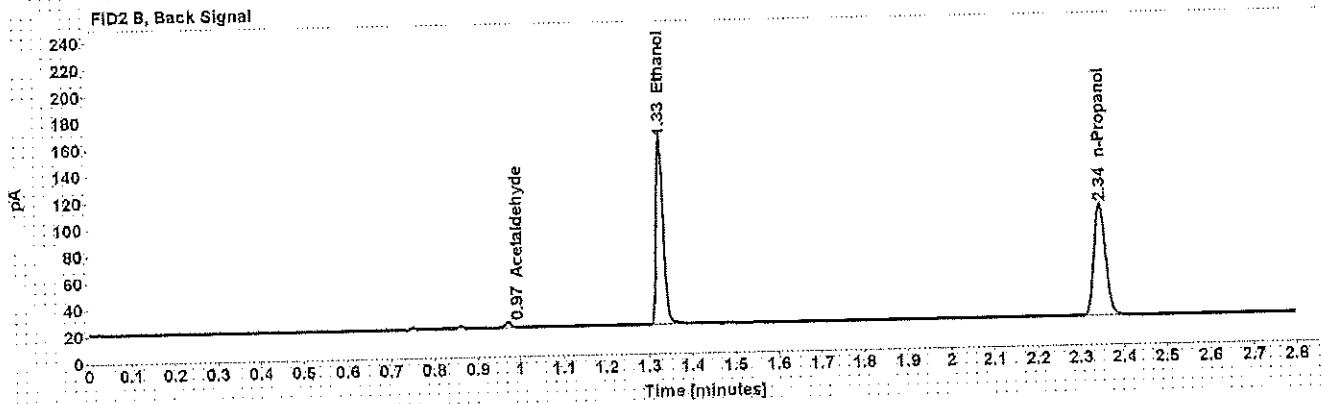
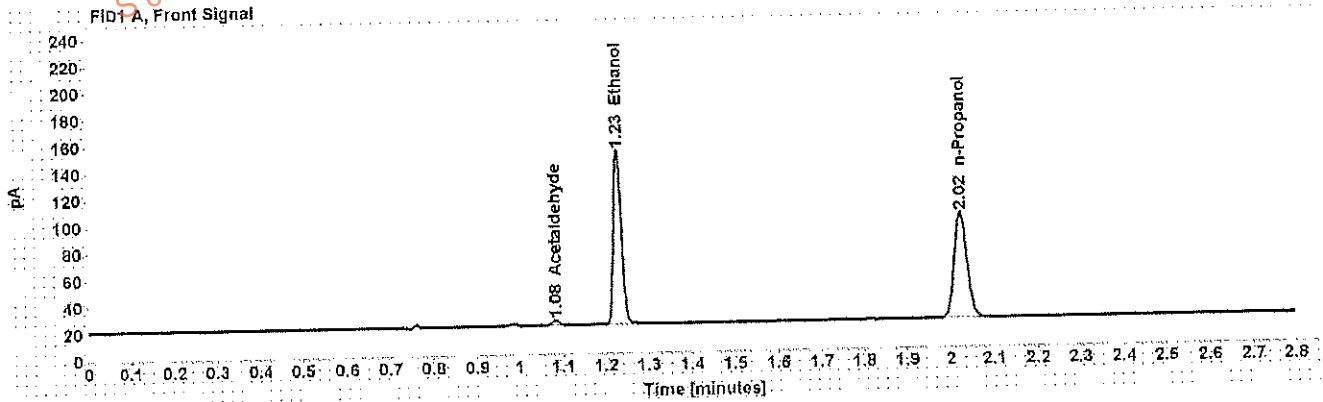


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 3.893     |
| >Ethanol     | 0.2789           | 1.229      | 167.962   |
| n-Propanol   | -----            | 2.024      | 162.027   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.972      | 3.952     |
| Ethanol      | 1.327      | 162.173   |
| n-Propanol   | 2.345      | 155.710   |

Case: [REDACTED] User: wadrian 5/3/2017

## Scottsdale Police Department Crime Lab Volatiles Analysis

|   |                      |
|---|----------------------|
| Sample: [REDACTED]                      | Item number: 1147260 |
| Injection date: 5/2/2017 2:40:06 PM     | Vial: 14             |
| Method: ethanol quant M                 | Sequence: 2May17     |
| Instrument: US14173023 CN14160045       | Analyst: Adrian      |
| Data file: C:\Chem32\11Data\2May17\14.D |                      |

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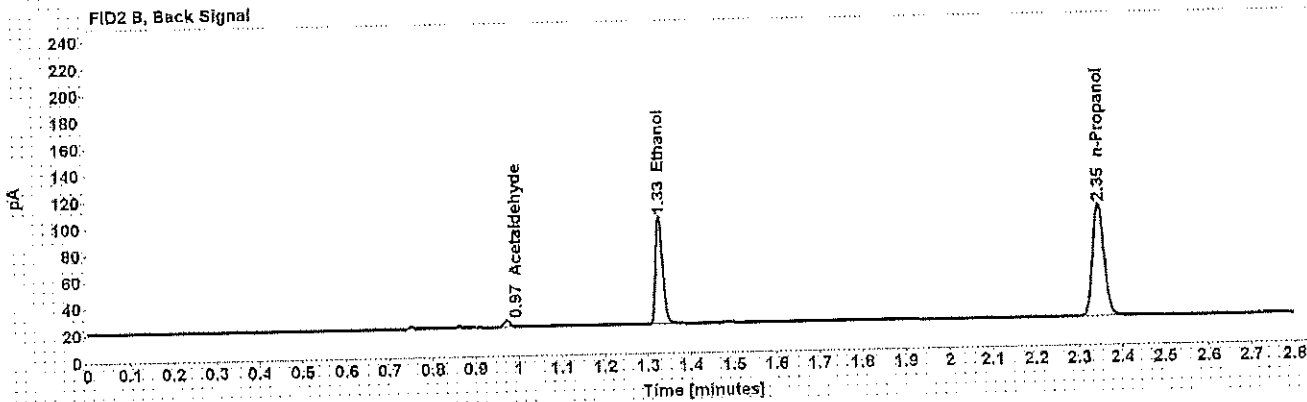
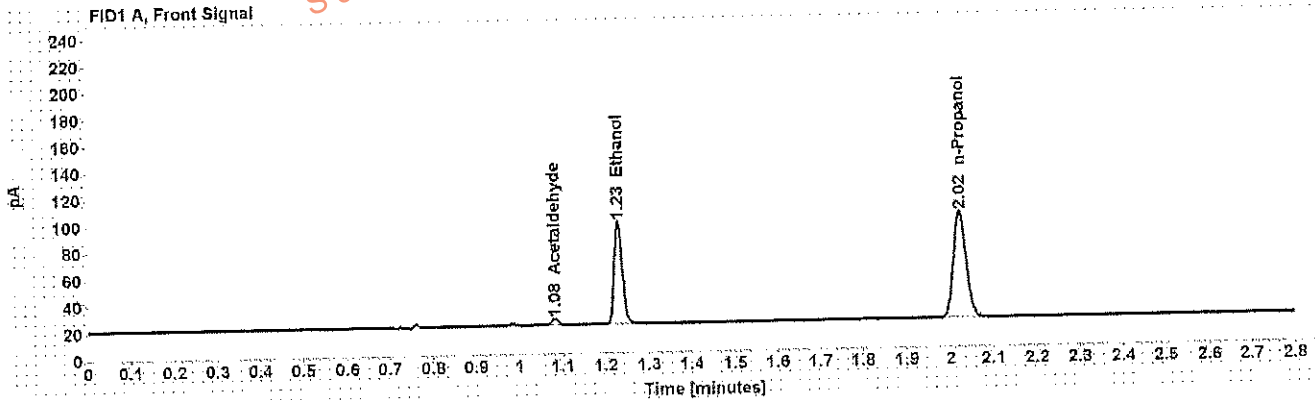


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 4.745     |
| >Ethanol     | 0.1626           | 1.230      | 97.788    |
| n-Propanol   | -----            | 2.024      | 162.159   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.972      | 4.744     |
| Ethanol      | 1.328      | 93.932    |
| n-Propanol   | 2.345      | 155.859   |

Case: [REDACTED] User: wadrian 5/3/2017

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1147260  
Injection date: 5/2/2017 2:44:08 PM Vial: 15  
Method: ethanol quant.M Sequence: 2May17  
Instrument: US14173023 CN14160045 Analyst: Adrian  
Data file: C:\Chem32\1\Data\2May17\15.D

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Scottsdale City Prosecutor

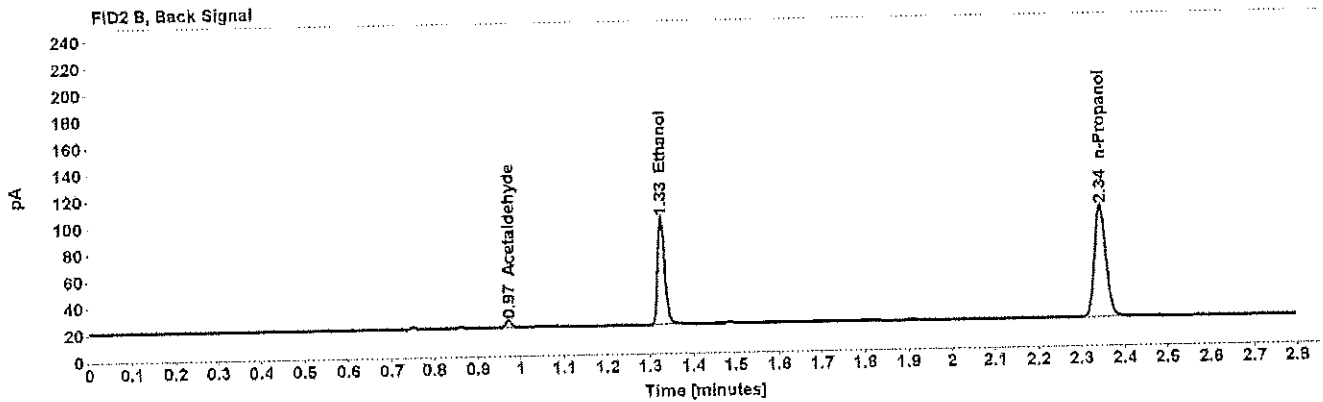
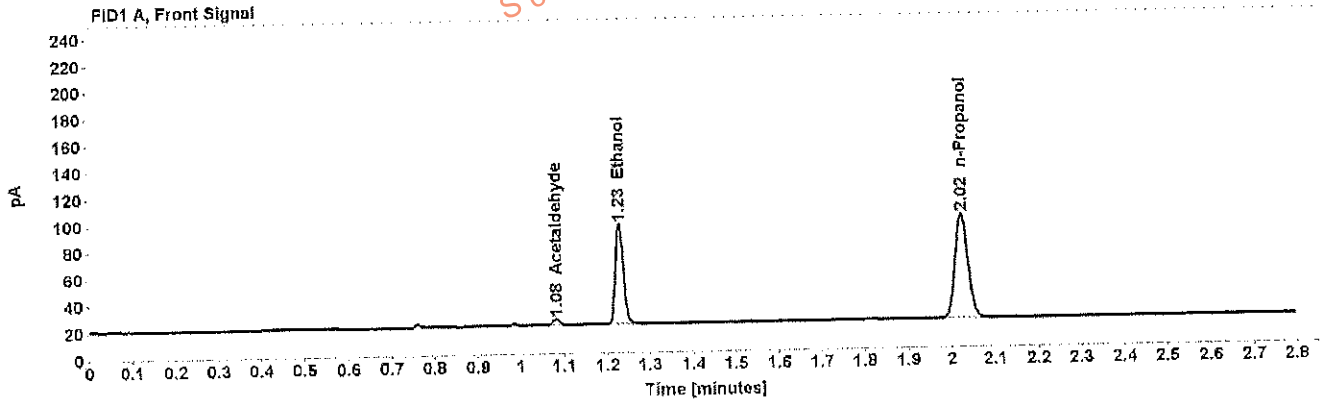


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 4.869     |
| >Ethanol     | 0.1620           | 1.230      | 96.654    |
| n-Propanol   | -----            | 2.024      | 160.906   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.972      | 4.956     |
| Ethanol      | 1.327      | 92.775    |
| n-Propanol   | 2.345      | 154.642   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|   |                      |
|---|----------------------|
| Sample: [REDACTED]                      | Item number: 1147062 |
| Injection date: 5/2/2017 2:48:07 PM     | Vial: 16             |
| Method: ethanol quant.M                 | Sequence: 2May17     |
| Instrument: US14173023 CN14160045       | Analyst: Adrian      |
| Data file: C:\Chem3211\Data\2May17\16.D |                      |

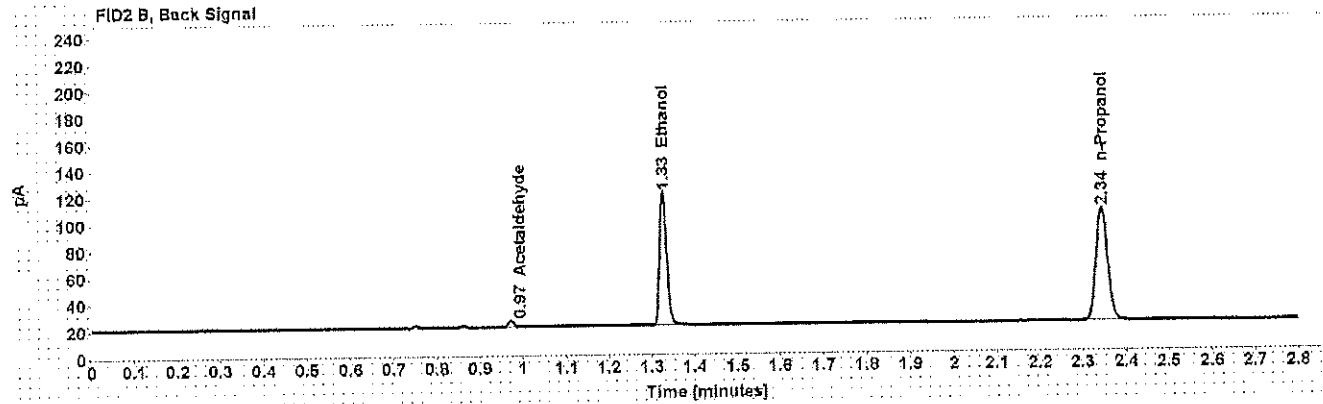
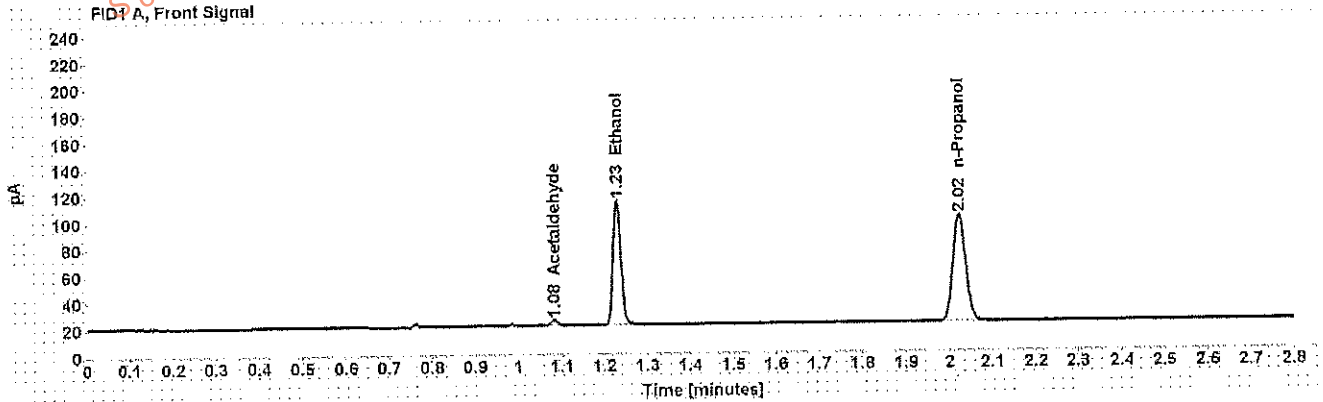


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 4.373     |
| >Ethanol     | 0.1978           | 1.229      | 120.151   |
| n-Propanol   | -----            | 2.024      | 163.687   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.972      | 4.303     |
| Ethanol      | 1.327      | 115.576   |
| n-Propanol   | 2.345      | 157.304   |

Case: [REDACTED] User: wadrian 5/3/2017

## Scottsdale Police Department Crime Lab Volatiles Analysis

|                 |                              |              |         |
|-----------------|------------------------------|--------------|---------|
| Sample:         | [REDACTED]                   | Item number: | 1147062 |
| Injection date: | 5/2/2017 2:52:06 PM          | Vial:        | 17      |
| Method:         | ethanol quant M              | Sequence:    | 2May17  |
| Instrument:     | US14173023 CN14160045        | Analyst:     | Adrian  |
| Data file:      | C:\Chem3211\Data\2May17\17.D |              |         |

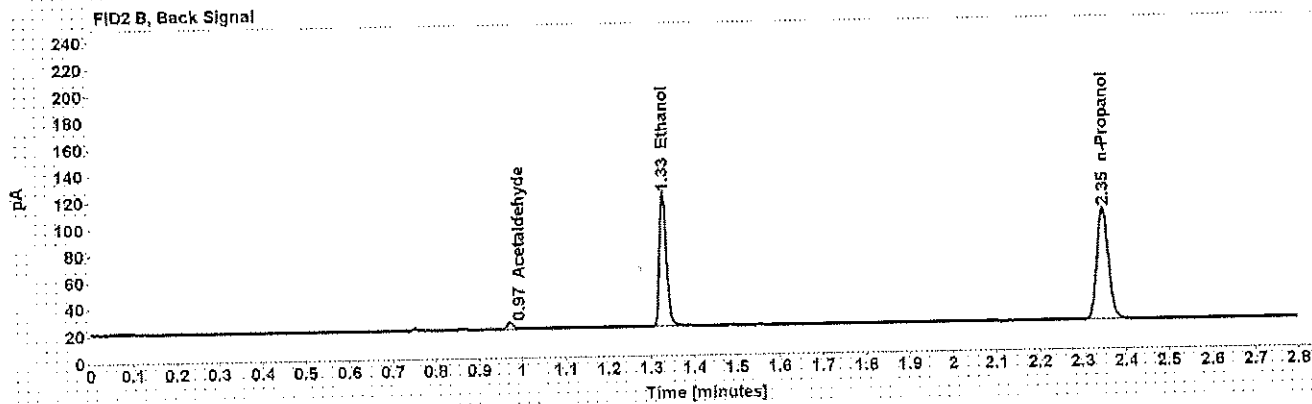
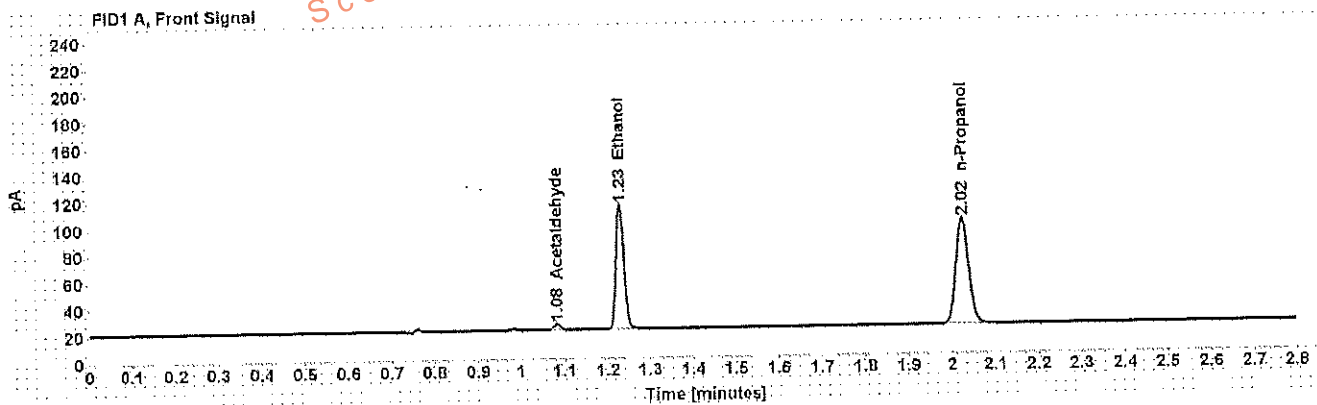


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 4.537     |
| >Ethanol     | 0.1994           | 1.230      | 119.768   |
| n-Propanol   | -----            | 2.025      | 161.835   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.973      | 4.404     |
| Ethanol      | 1.328      | 115.436   |
| n-Propanol   | 2.346      | 155.365   |

Case: [REDACTED] User: wadrian 5/3/2017

## Scottsdale Police Department Crime Lab Volatiles Analysis

|                 |                              |              |         |
|-----------------|------------------------------|--------------|---------|
| Sample:         | [REDACTED]                   | Item number: | 1147066 |
| Injection date: | 5/2/2017 2:56:07 PM          | Vial:        | 18      |
| Method:         | ethanol quant.M              | Sequence:    | 2May17  |
| Instrument:     | US14173023 CN14160045        | Analyst:     | Adrian  |
| Data file:      | C:\Chem32\1\Data\2May17\18.D |              |         |

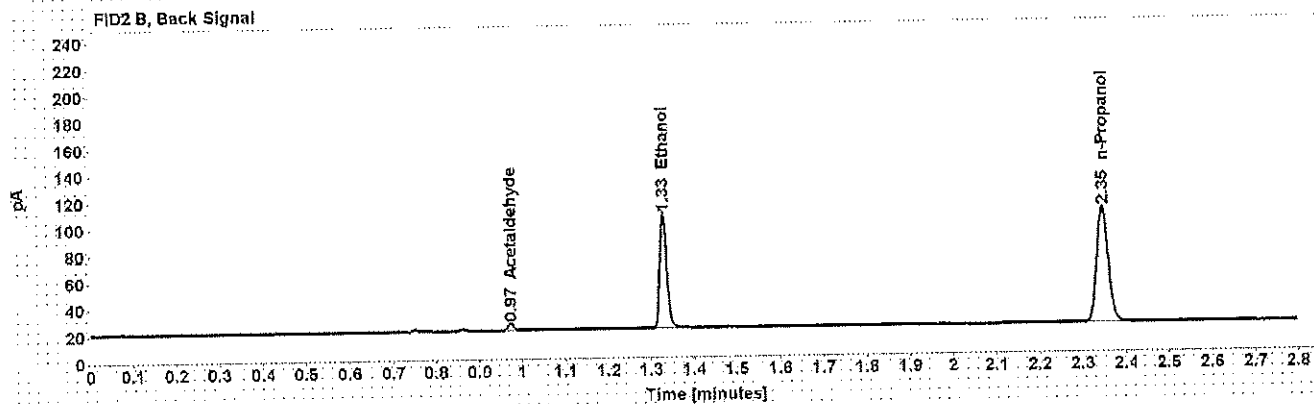
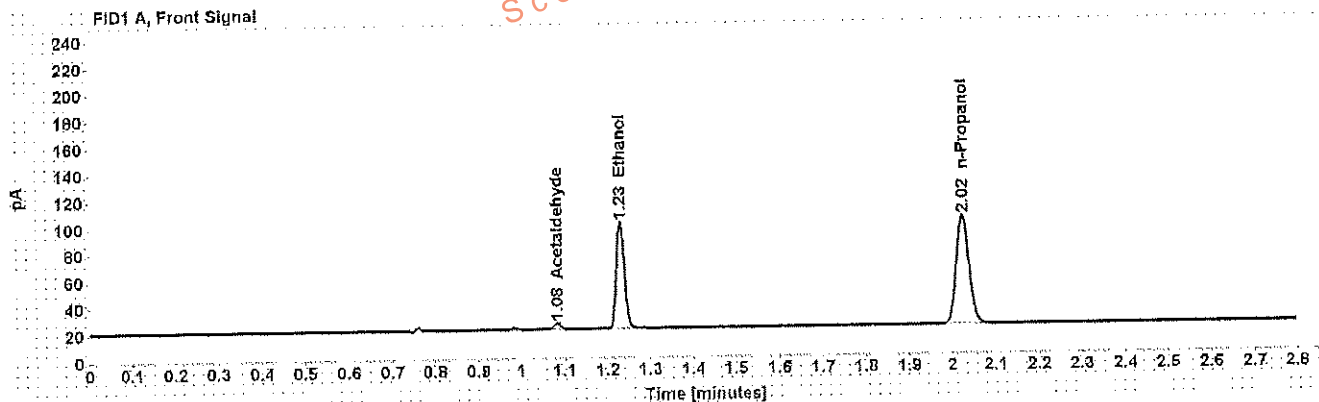


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 4.793     |
| >Ethanol     | 0.1663           | 1.231      | 102.962   |
| n-Propanol   | -----            | 2.025      | 167.008   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.973      | 4.648     |
| Ethanol      | 1.328      | 98.845    |
| n-Propanol   | 2.346      | 160.447   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|   |                      |
|---|----------------------|
| Sample: [REDACTED]                      | Item number: 1147066 |
| Injection date: 5/2/2017 3:00:22 PM     | Vial: 19             |
| Method: ethanol quant.M                 | Sequence: 2May17     |
| Instrument: US14473023 CN14160045       | Analyst: Adrian      |
| Data file: C:\Chem3211\Data\2May17\19.D |                      |

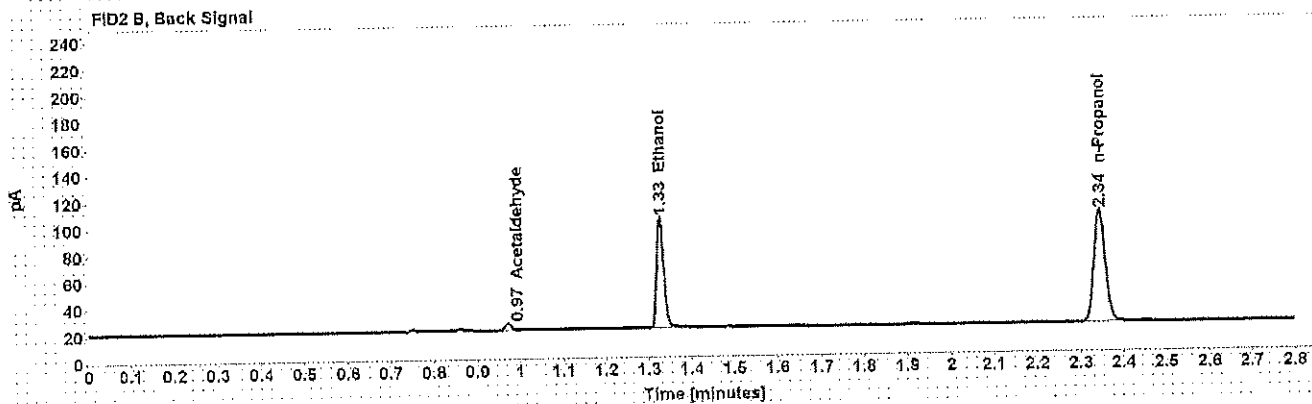
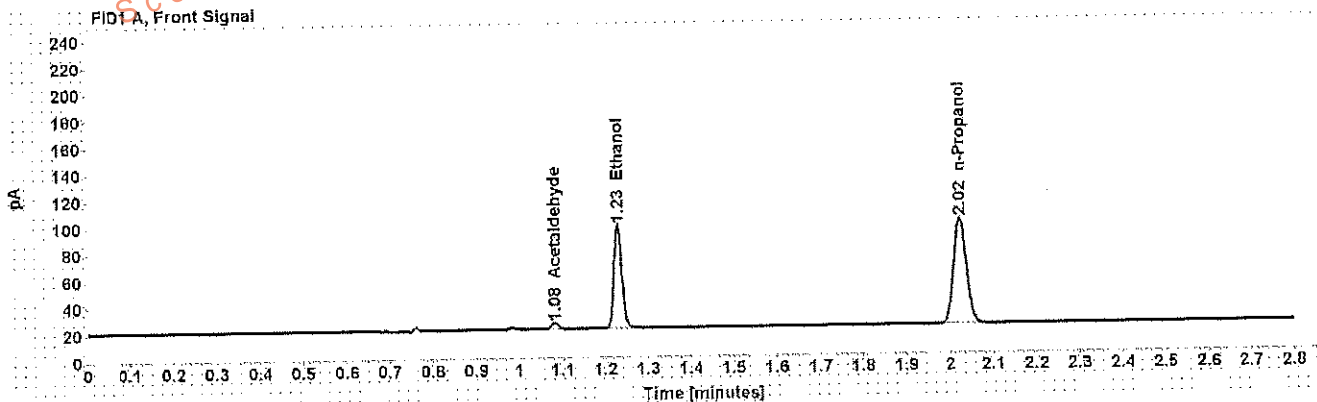


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 4.772     |
| >Ethanol     | 0.1658           | 1.230      | 99.724    |
| n-Propanol   | -----            | 2.024      | 162.190   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.972      | 4.797     |
| Ethanol      | 1.327      | 95.887    |
| n-Propanol   | 2.345      | 156.108   |

Case: [REDACTED] User: wadrian 5/3/2017

## Scottsdale Police Department Crime Lab Volatiles Analysis

|                 |                              |              |         |
|-----------------|------------------------------|--------------|---------|
| Sample:         | [REDACTED]                   | Item number: | 1125048 |
| Injection date: | 5/2/2017 3:08:21 PM          | Vial:        | 21      |
| Method:         | ethanol quant M              | Sequence:    | 2May17  |
| Instrument:     | US14173023 CN14160045        | Analyst:     | Adrian  |
| Data file:      | C:\Chem3211\Data\2May17\21.D |              |         |

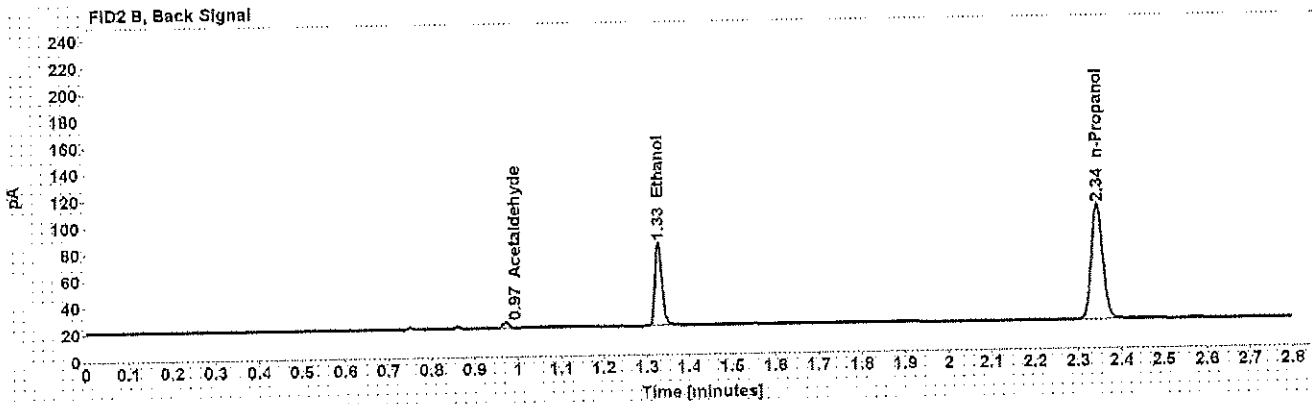
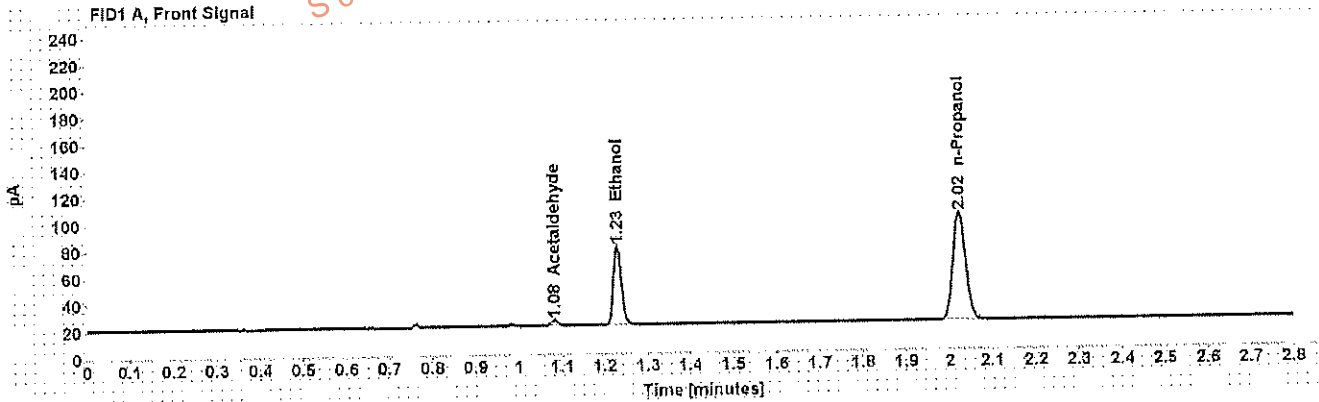


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 4.159     |
| >Ethanol     | 0.1235           | 1.230      | 75.567    |
| n-Propanol   | -----            | 2.024      | 165.302   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.972      | 4.287     |
| Ethanol      | 1.327      | 72.547    |
| n-Propanol   | 2.345      | 159.122   |



Case: [REDACTED] User: wadrian 5/3/2017

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1125048  
Injection date: 5/2/2017 3:12:22 PM Vial: 22  
Method: ethanol quant.M Sequence: 2May17  
Instrument: US14173023 CN14160045 Analyst: Adrian  
Data file: C:\Chem32\1\Data\2May17\22.D

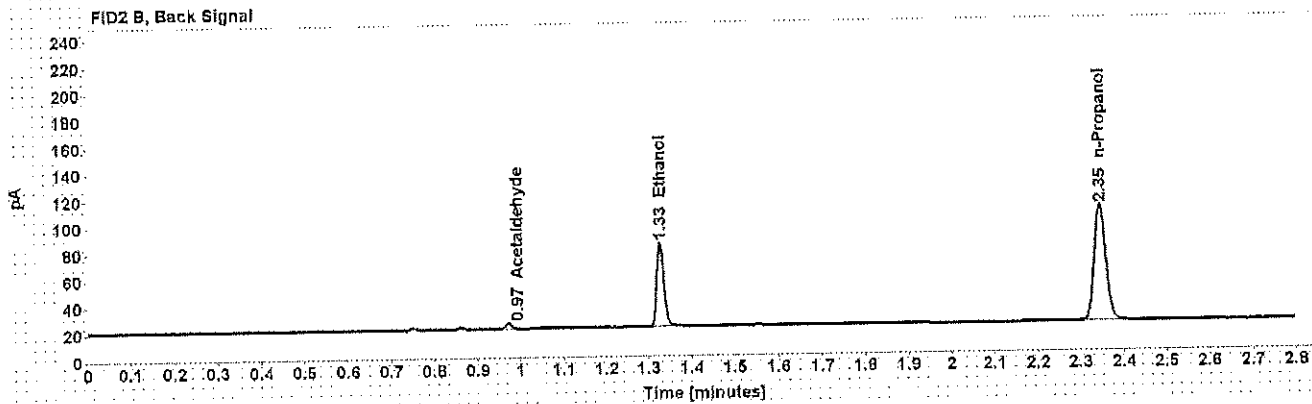
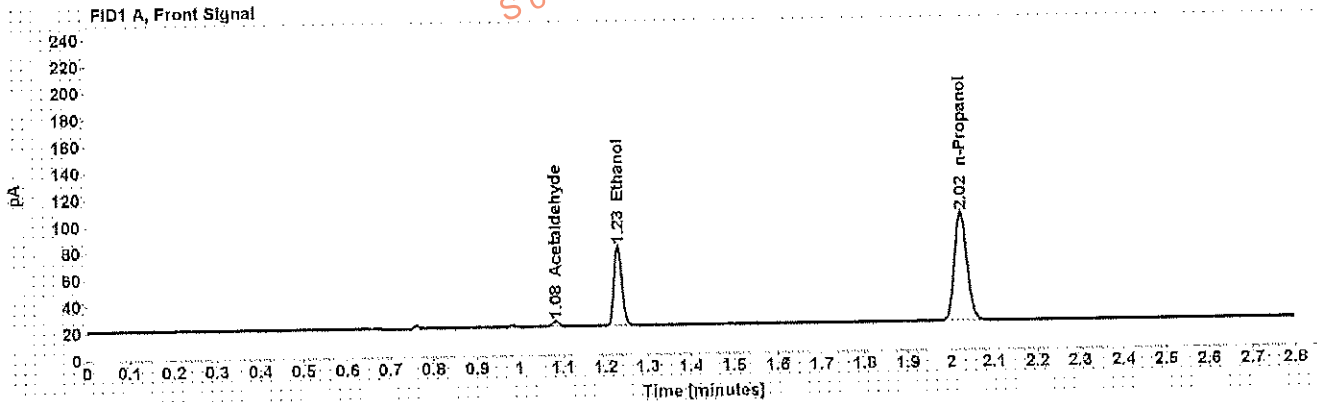


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 4.099     |
| >Ethanol     | 0.1238           | 1.230      | 76.509    |
| n-Propanol   | -----            | 2.024      | 167.254   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.972      | 4.097     |
| Ethanol      | 1.327      | 73.411    |
| n-Propanol   | 2.345      | 160.952   |

Case: [REDACTED] User: wadrian 5/3/2017

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1127617  
Injection date: 5/2/2017 3:16:22 PM Vial: 23  
Method: ethanol quant.M Sequence: 2May17  
Instrument: US14473023 CN14160045 Analyst: Adrian  
Data file: C:\Chem3211\Data\2May17\23.D

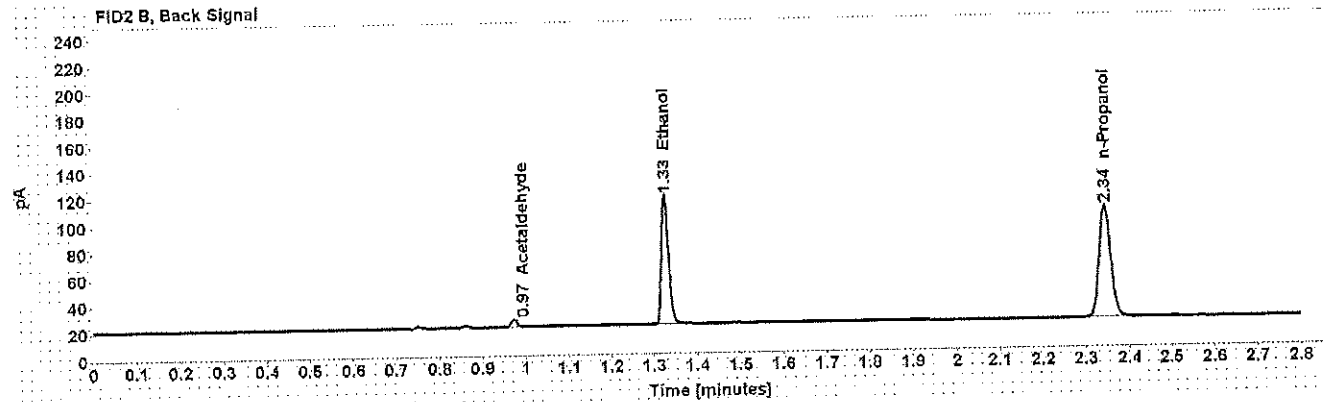
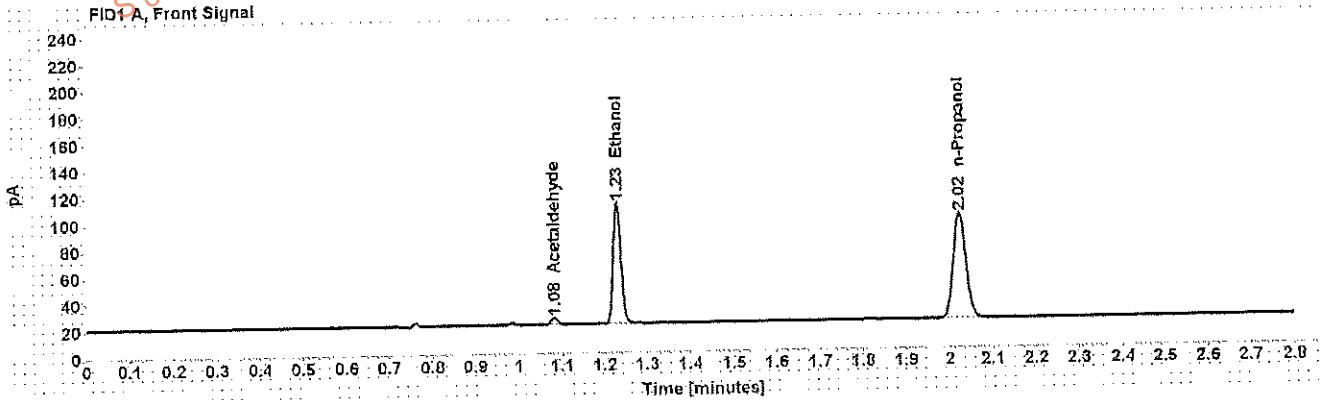


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 5.388     |
| >Ethanol     | 0.1944           | 1.230      | 116.454   |
| n-Propanol   | -----            | 2.024      | 161.379   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.972      | 5.281     |
| Ethanol      | 1.327      | 112.092   |
| n-Propanol   | 2.345      | 155.290   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|                 |                               |              |         |
|-----------------|-------------------------------|--------------|---------|
| Sample:         | [REDACTED]                    | Item number: | 1127617 |
| Injection date: | 5/2/2017 3:20:22 PM           | Vial:        | 24      |
| Method:         | ethanol quant.M               | Sequence:    | 2May17  |
| Instrument:     | US14173023 CN14160045         | Analyst:     | Adrian  |
| Data file:      | C:\Chem32\11\Data\2May17\24.D |              |         |

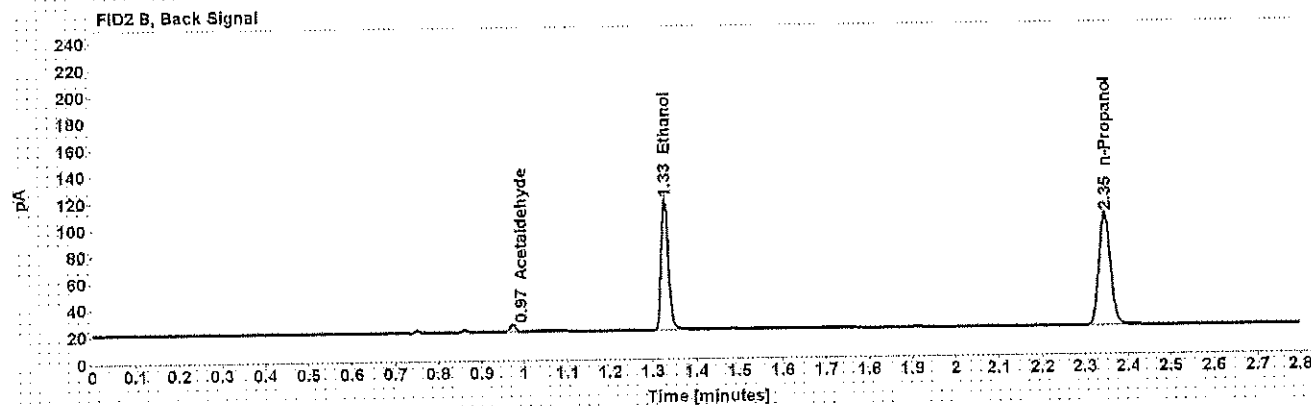
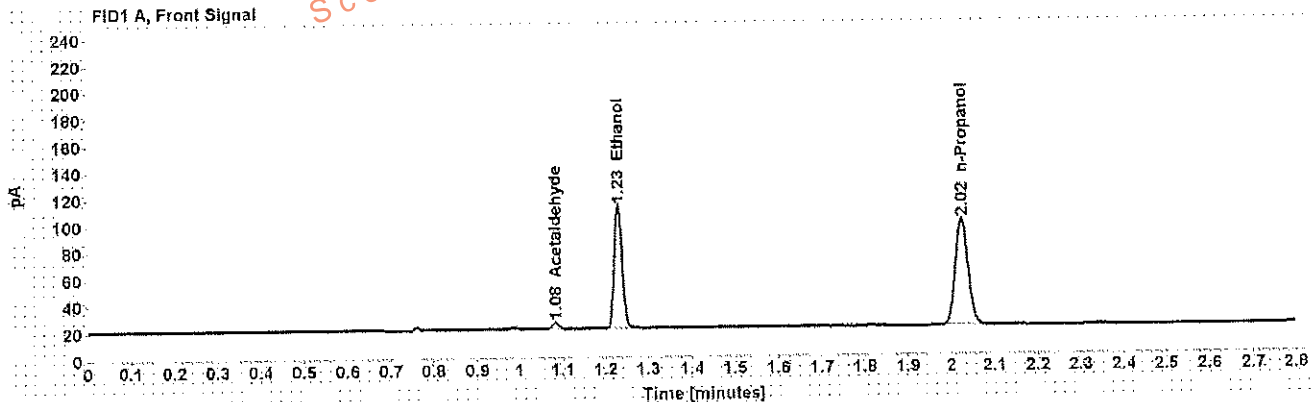


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 5.174     |
| >Ethanol     | 0.1965           | 1.230      | 118.278   |
| n-Propanol   | -----            | 2.024      | 162.153   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.973      | 5.015     |
| Ethanol      | 1.328      | 114.035   |
| n-Propanol   | 2.346      | 156.413   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|                 |                               |              |         |
|-----------------|-------------------------------|--------------|---------|
| Sample:         | [REDACTED]                    | Item number: | 1125664 |
| Injection date: | 5/2/2017 3:24:36 PM           | Vial:        | 25      |
| Method:         | ethanol quant.M               | Sequence:    | 2May17  |
| Instrument:     | US14173023 CN14160045         | Analyst:     | Adrian  |
| Data file:      | C:\Chem32\11\Data\2May17\25.D |              |         |

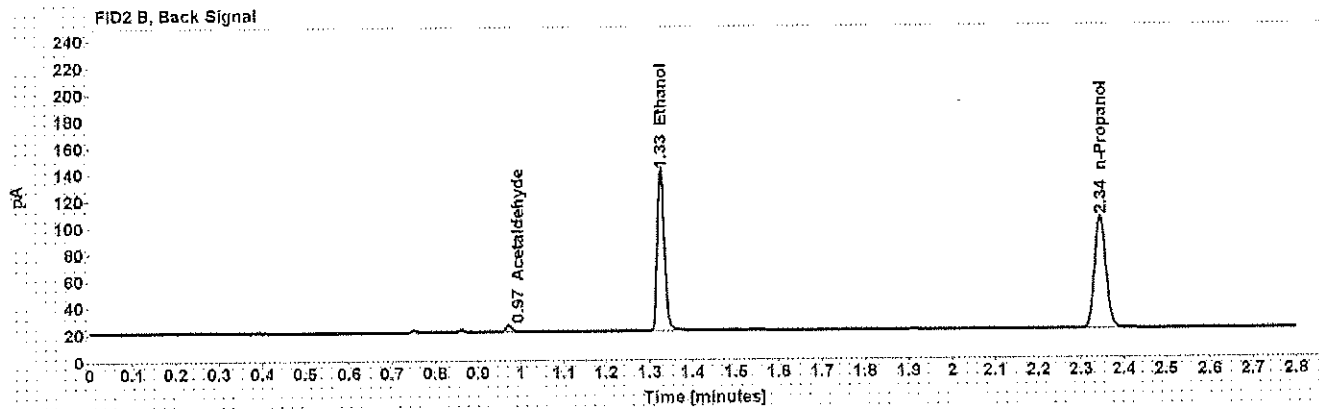
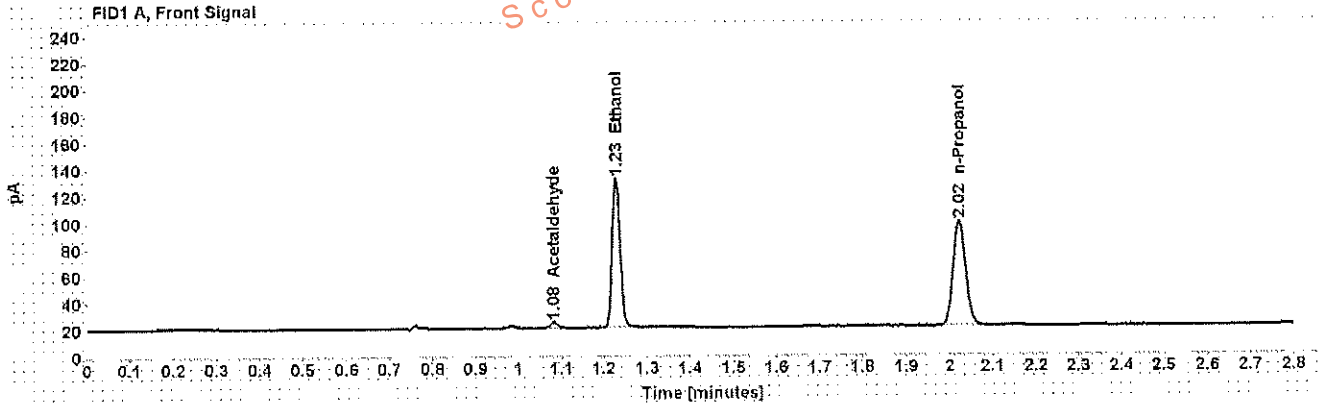


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount<br>(g/100mL) | Time<br>(min) | Peak<br>Area |
|--------------|---------------------|---------------|--------------|
| Acetaldehyde | -----               | 1.083         | 4.482        |
| >Ethanol     | 0.2416              | 1.229         | 144.289      |
| n-Propanol   | -----               | 2.024         | 160.723      |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time<br>(min) | Peak<br>Area |
|--------------|---------------|--------------|
| Acetaldehyde | 0.972         | 4.552        |
| Ethanol      | 1.328         | 139.258      |
| n-Propanol   | 2.344         | 154.931      |

Case: [REDACTED] User: wadrian 5/3/2017

## Scottsdale Police Department Crime Lab Volatiles Analysis

|   |                      |
|---|----------------------|
| Sample: [REDACTED]                      | Item number: 1125664 |
| Injection date: 5/2/2017 3:28:36 PM     | Vial: 26             |
| Method: ethanol quant.M                 | Sequence: 2May17     |
| Instrument: US14173023 CN14160045       | Analyst: Adrian      |
| Data file: C:\Chem3211\Data\2May17\26.D |                      |

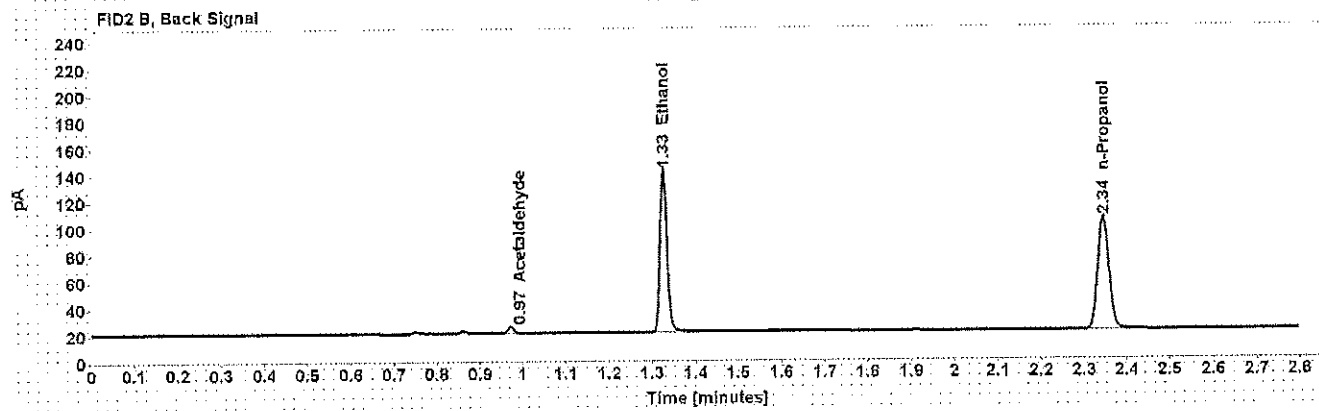
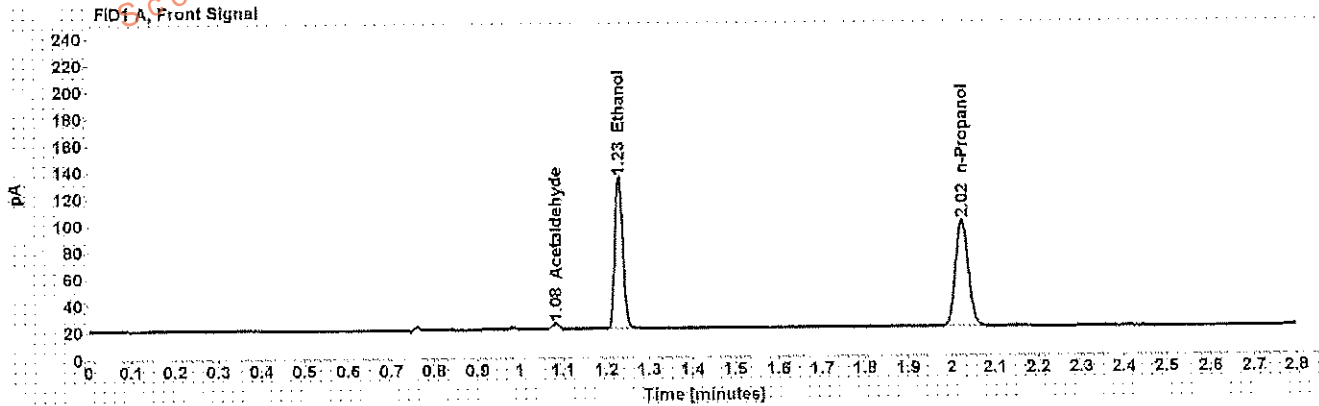


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 4.486     |
| >Ethanol     | 0.2413           | 1.229      | 146.216   |
| n-Propanol   | -----            | 2.024      | 163.076   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.972      | 4.525     |
| Ethanol      | 1.327      | 141.035   |
| n-Propanol   | 2.345      | 157.105   |

Case: [REDACTED] User: wadrian 5/3/2017

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1125473  
Injection date: 5/2/2017 3:32:37 PM Vial: 27  
Method: ethanol quant.M Sequence: 2May17  
Instrument: US14173023 CN14160045 Analyst: Adrian  
Data file: C:\Chem3211\Data2May17\27.D

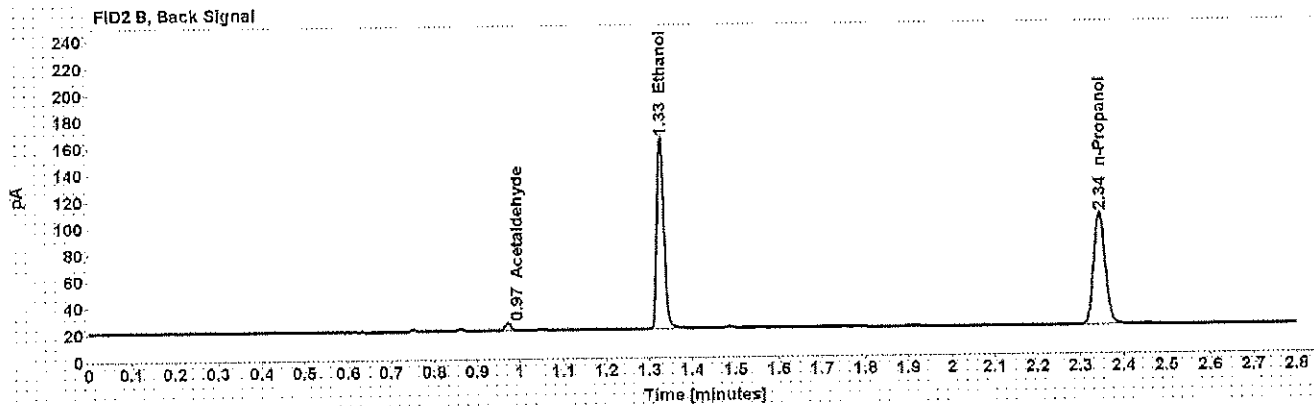
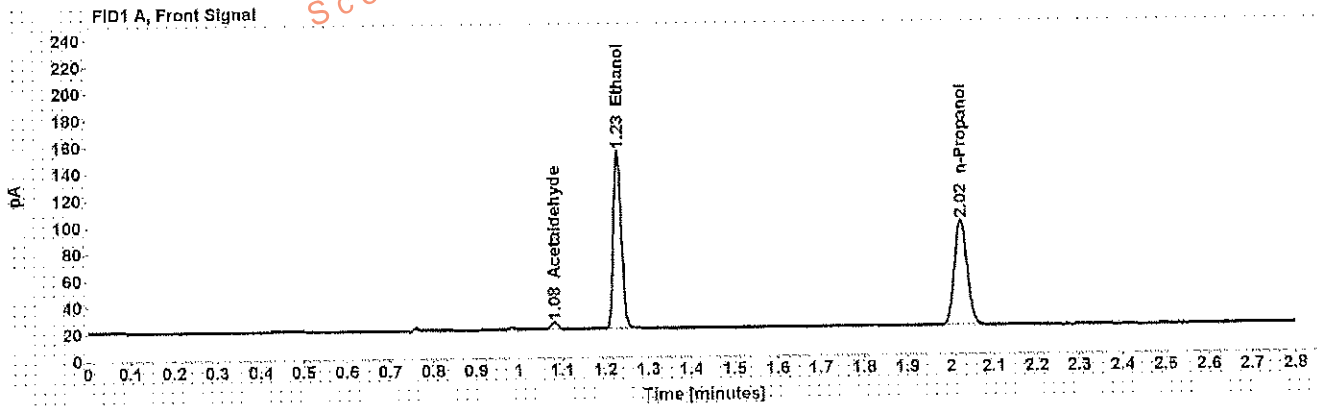


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 5.466     |
| >Ethanol     | 0.2859           | 1.229      | 171.695   |
| n-Propanol   | -----            | 2.024      | 161.550   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.972      | 5.425     |
| Ethanol      | 1.326      | 165.814   |
| n-Propanol   | 2.345      | 155.523   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|                 |                              |              |         |
|-----------------|------------------------------|--------------|---------|
| Sample:         | [REDACTED]                   | Item number: | 1125473 |
| Injection date: | 5/2/2017 3:36:37 PM          | Vial:        | 28      |
| Method:         | ethanol quant.M              | Sequence:    | 2May17  |
| Instrument:     | US14173023 CN14160045        | Analyst:     | Adrian  |
| Data file:      | C:\Chem32\1\Data\2May17\28.D |              |         |

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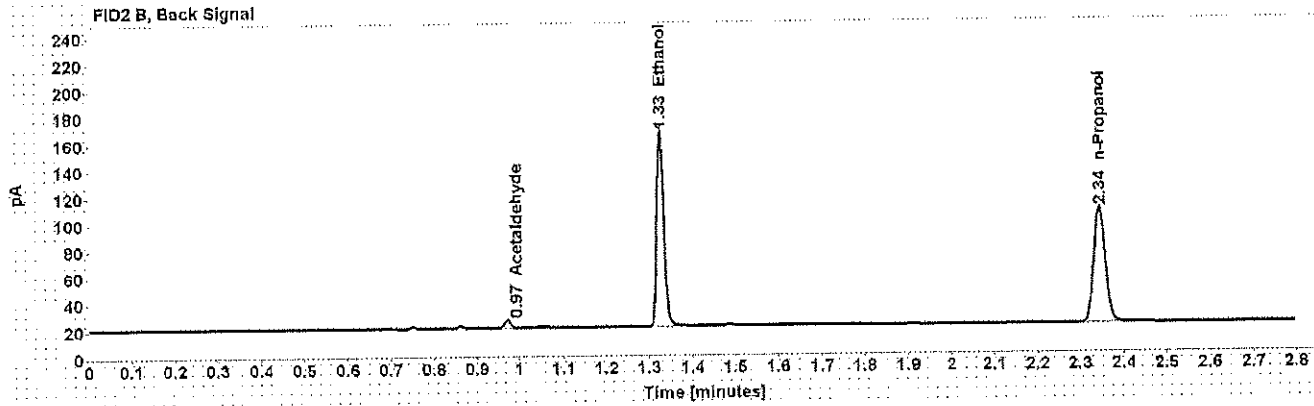
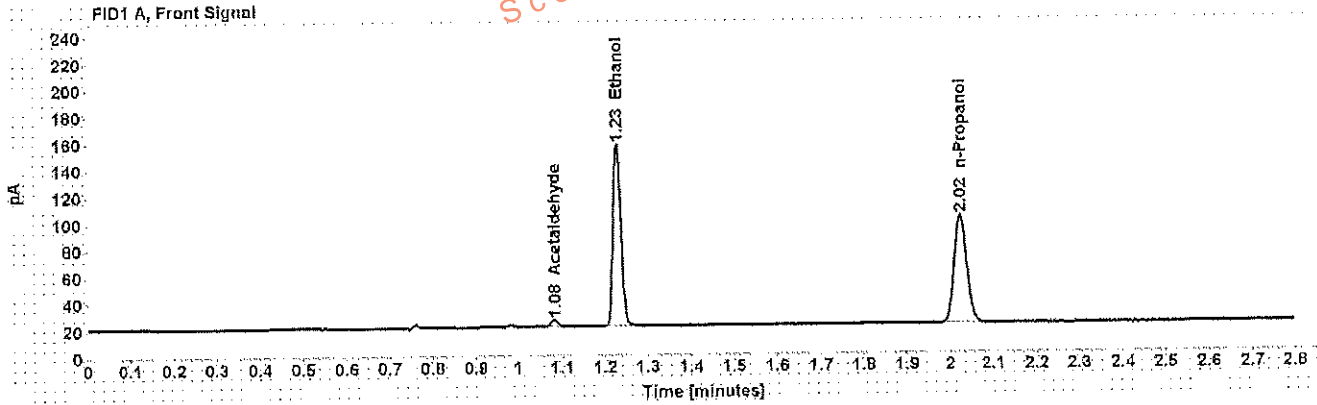


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 5.514     |
| >Ethanol     | 0.2648           | 1.229      | 175.819   |
| n-Propanol   | -----            | 2.023      | 166.036   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.972      | 5.451     |
| Ethanol      | 1.326      | 169.861   |
| n-Propanol   | 2.344      | 159.830   |

Case: [REDACTED] User: wadrian 5/3/2017

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 311-01A  
Injection date: 5/2/2017 3:40:37 PM Vial: 29  
Method: ethanol quant.M Sequence: 2May17  
Instrument: US14173023 CN14160045 Analyst: Adrian  
Data file: C:\Chem3211\Data\2May17\29.D

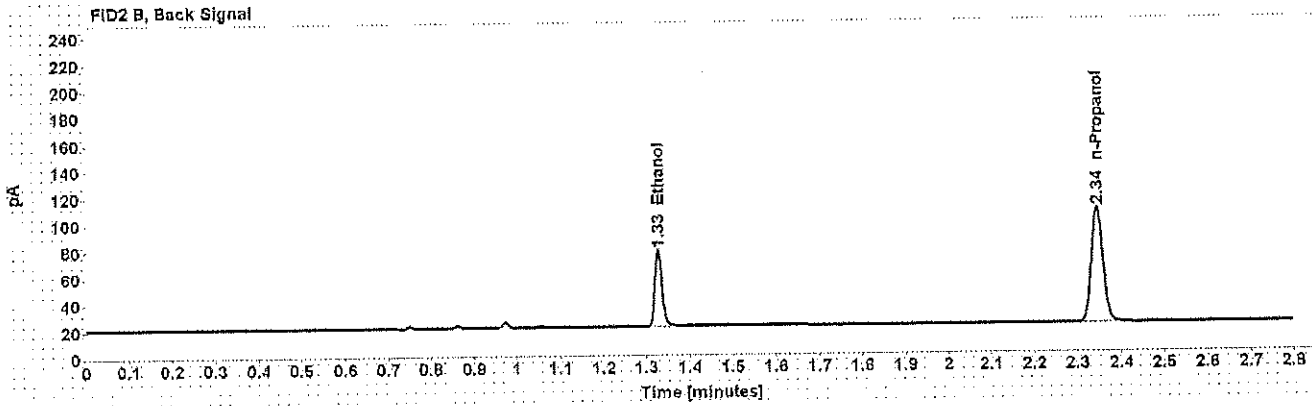
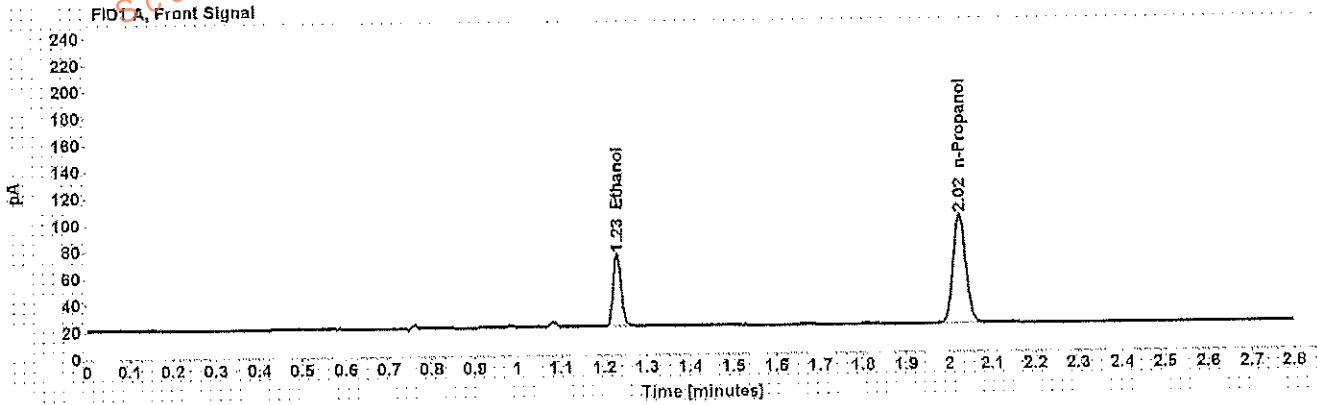


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1129           | 1.230      | 69.520    |
| n-Propanol | -----            | 2.024      | 166.464   |

Table 2: FID 2 B (column DB-ALC2)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.327      | 66.858    |
| n-Propanol | 2.345      | 160.341   |



## Scottsdale Police Department Crime Lab Volatiles Analysis

|                 |                              |              |         |
|-----------------|------------------------------|--------------|---------|
| Sample:         | [REDACTED]                   | Item number: | 311-01A |
| Injection date: | 5/2/2017 3:44:36 PM          | Vial:        | 30      |
| Method:         | ethanol quant.M              | Sequence:    | 2May17  |
| Instrument:     | US14173023 CN14160045        | Analyst:     | Adrian  |
| Data file:      | C:\Chem3211\Data\2May17\30.D |              |         |

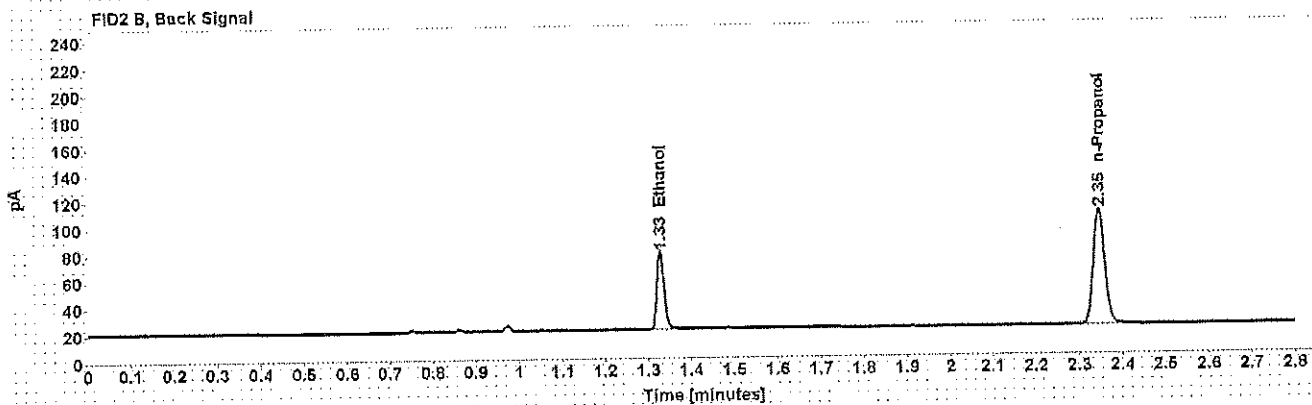
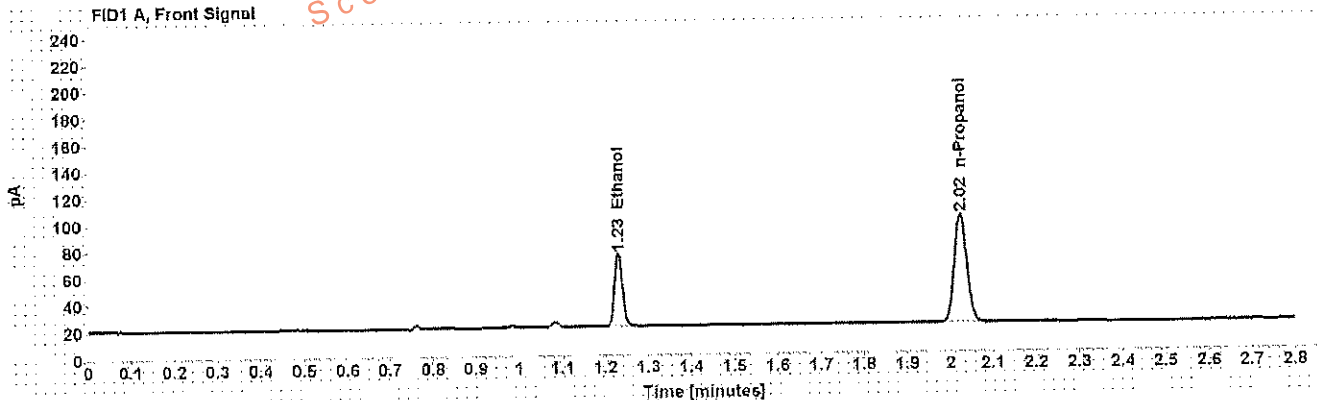


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1143           | 1.231      | 70.270    |
| n-Propanol | -----            | 2.025      | 166.264   |

Table 2: FID 2 B (column DB-ALC2)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.329      | 67.478    |
| n-Propanol | 2.346      | 160.341   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|                 |                               |              |         |
|-----------------|-------------------------------|--------------|---------|
| Sample:         | [REDACTED]                    | Item number: | 1124707 |
| Injection date: | 5/2/2017 3:52:51 PM           | Vial:        | 32      |
| Method:         | ethanol quant.M               | Sequence:    | 2May17  |
| Instrument:     | US14173023 CN14160045         | Analyst:     | Adrian  |
| Data file:      | C:\Chem32\1\Data\2May17\132.D |              |         |

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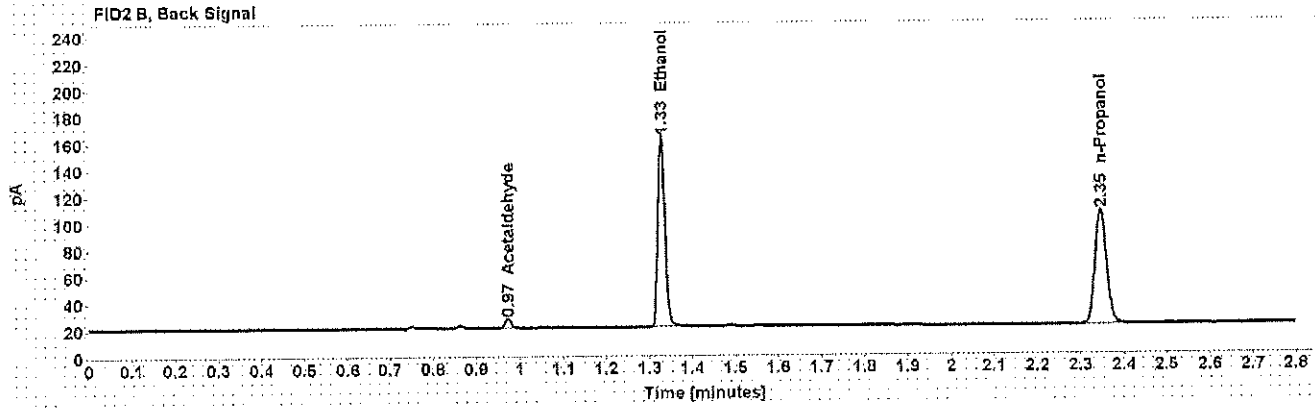
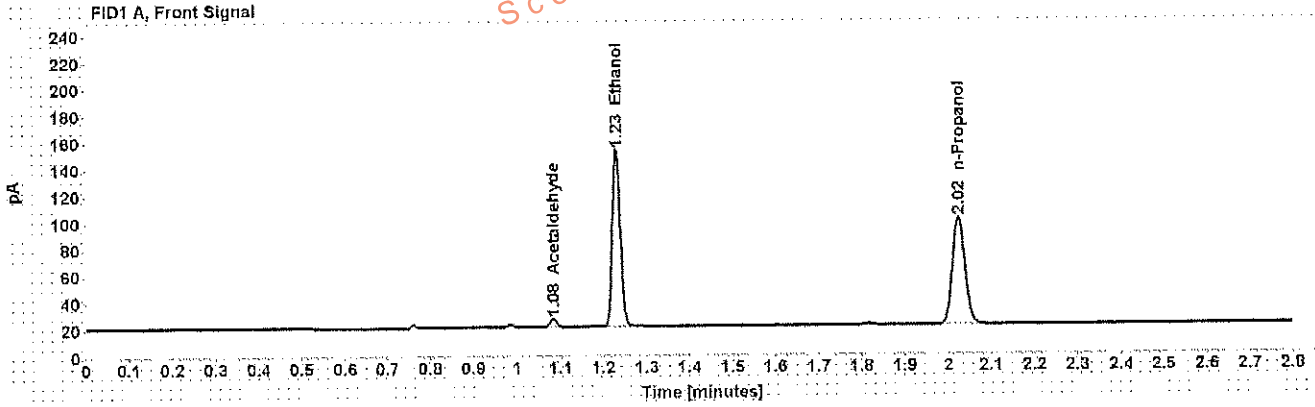


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 6.188     |
| >Ethanol     | 0.2791           | 1.230      | 170.400   |
| n-Propanol   | -----            | 2.025      | 164.264   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.973      | 6.208     |
| Ethanol      | 1.328      | 164.603   |
| n-Propanol   | 2.346      | 158.481   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|   |                      |
|---|----------------------|
| Sample: [REDACTED]                      | Item number: 1124707 |
| Injection date: 5/2/2017 3:56:52 PM     | Vial: 33             |
| Method: ethanol quant.M                 | Sequence: 2May17     |
| Instrument: US14173023 CN14160045       | Analyst: Adrian      |
| Data file: C:\Chem32\1\Data\2May17\33.D |                      |

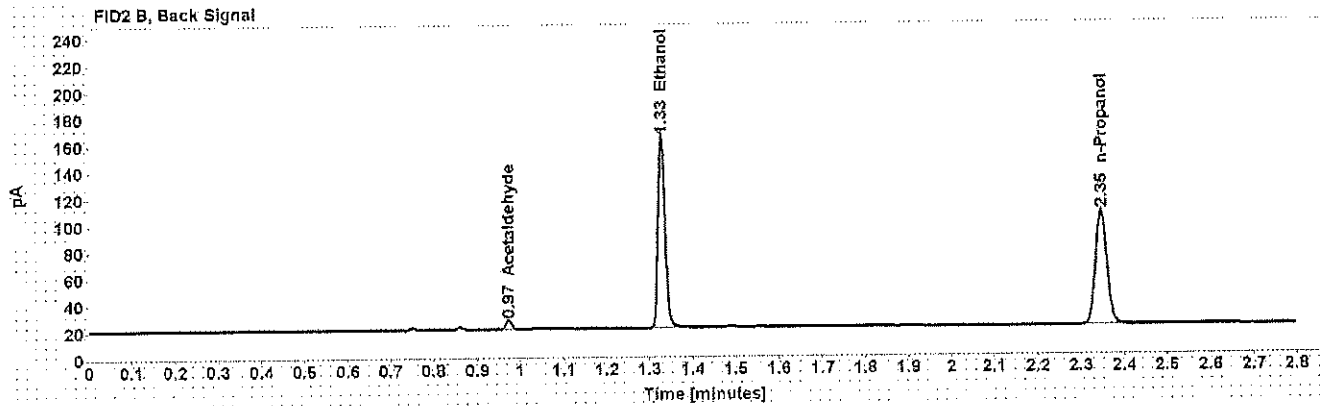
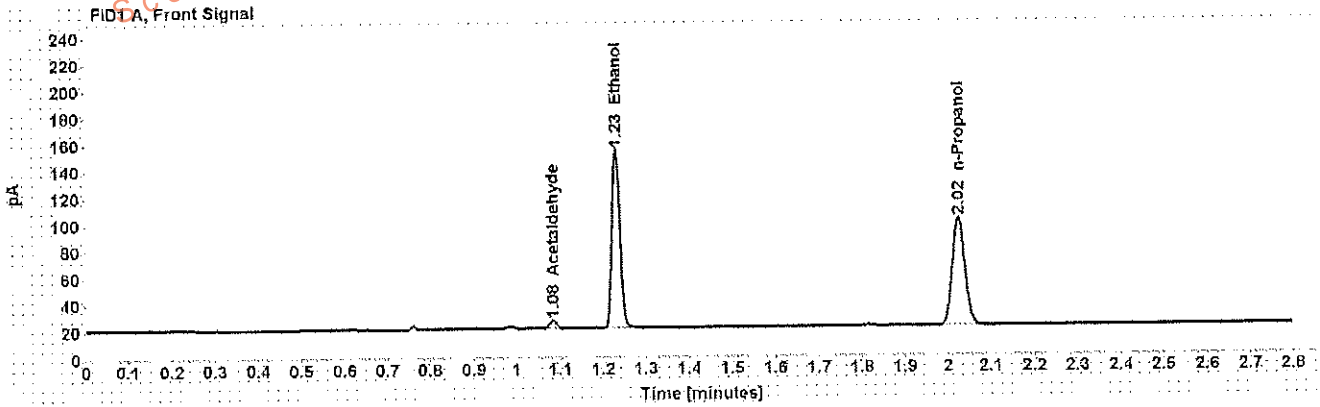


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 6.139     |
| >Ethanol     | 0.2807           | 1.231      | 172.247   |
| n-Propanol   | -----            | 2.025      | 165.077   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.973      | 6.040     |
| Ethanol      | 1.329      | 166.348   |
| n-Propanol   | 2.347      | 159.110   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|   |                      |
|---|----------------------|
| Sample: [REDACTED]                      | Item number: 1148743 |
| Injection date: 5/2/2017 4:00:51 PM     | Vial: 34             |
| Method: ethanol quant.M                 | Sequence: 2May17     |
| Instrument: US14173023 CN14160045       | Analyst: Adrian      |
| Data file: C:\Chem3211\Datat2May17\34.D |                      |

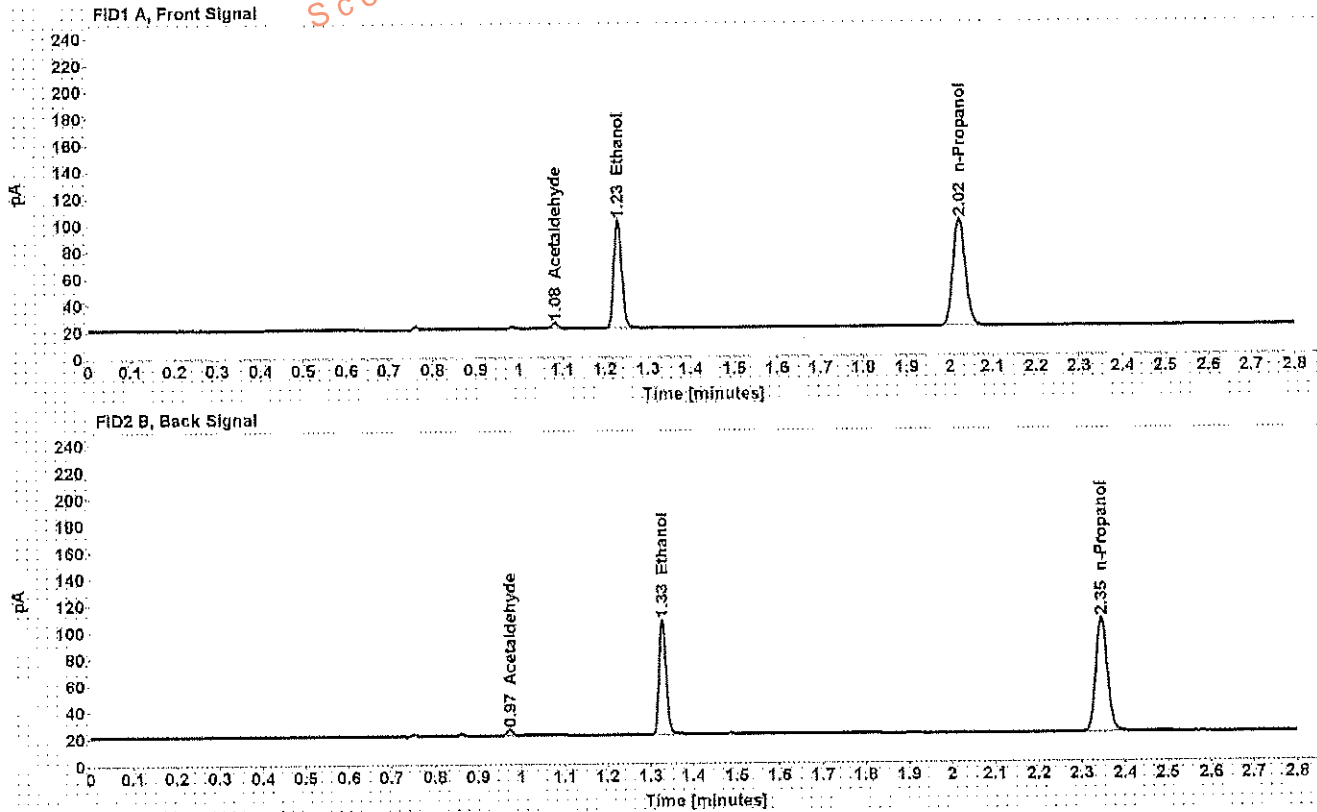


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 4.308     |
| >Ethanol     | 0.1703           | 1.230      | 103.908   |
| n-Propanol   | -----            | 2.024      | 164.560   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.973      | 4.208     |
| Ethanol      | 1.328      | 100.148   |
| n-Propanol   | 2.345      | 158.622   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|                 |                               |              |         |
|-----------------|-------------------------------|--------------|---------|
| Sample:         | [REDACTED]                    | Item number: | 1148743 |
| Injection date: | 5/2/2017 4:04:52 PM           | Vial:        | 35      |
| Method:         | ethanol quant.M               | Sequence:    | 2May17  |
| Instrument:     | US14173023 CN14160045         | Analyst:     | Adrian  |
| Data file:      | C:\Chem32\1\Data\2May17\135.D |              |         |

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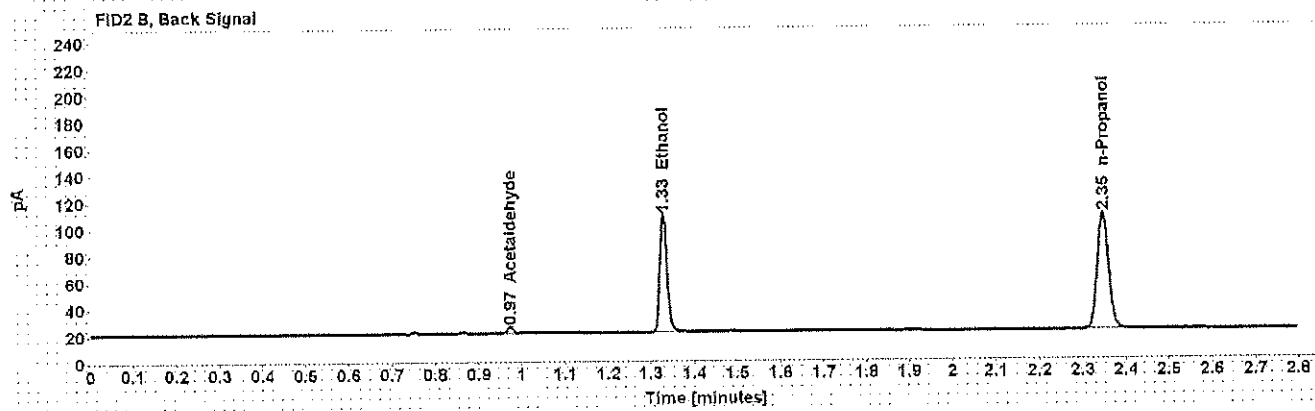
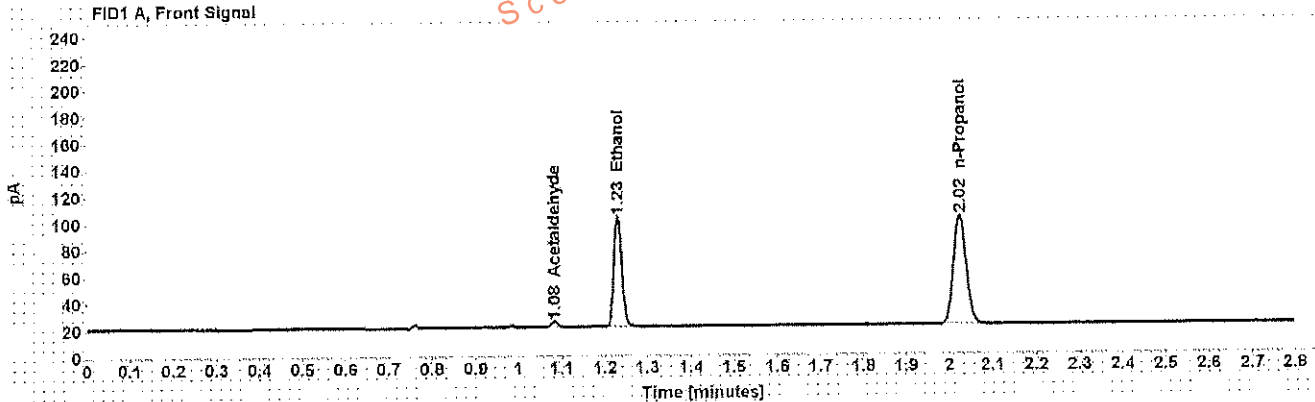


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 4.339     |
| >Ethanol     | 0.1714           | 1.231      | 106.251   |
| n-Propanol   | -----            | 2.025      | 167.117   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.973      | 4.327     |
| Ethanol      | 1.329      | 102.237   |
| n-Propanol   | 2.346      | 160.954   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|  |                             |
|--|-----------------------------|
| <b>Sample:</b> [REDACTED]                      | <b>Item number:</b> 1147815 |
| <b>Injection date:</b> 5/2/2017 4:08:51 PM     | <b>Vial:</b> 36             |
| <b>Method:</b> ethanol quant.M                 | <b>Sequence:</b> 2May17     |
| <b>Instrument:</b> US14173023 CN14160045       | <b>Analyst:</b> Adrian      |
| <b>Data file:</b> C:\Chem32\1\Data\2May17\36.D |                             |

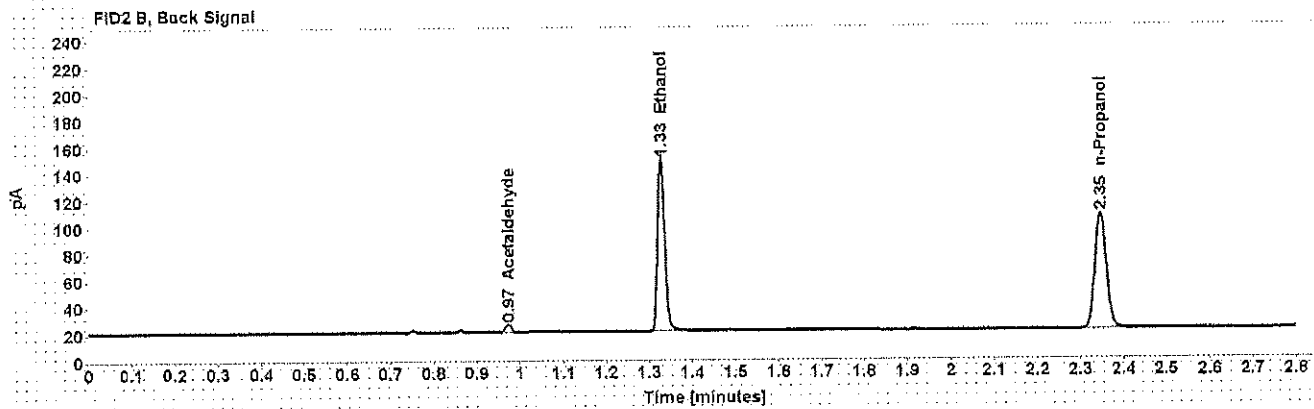
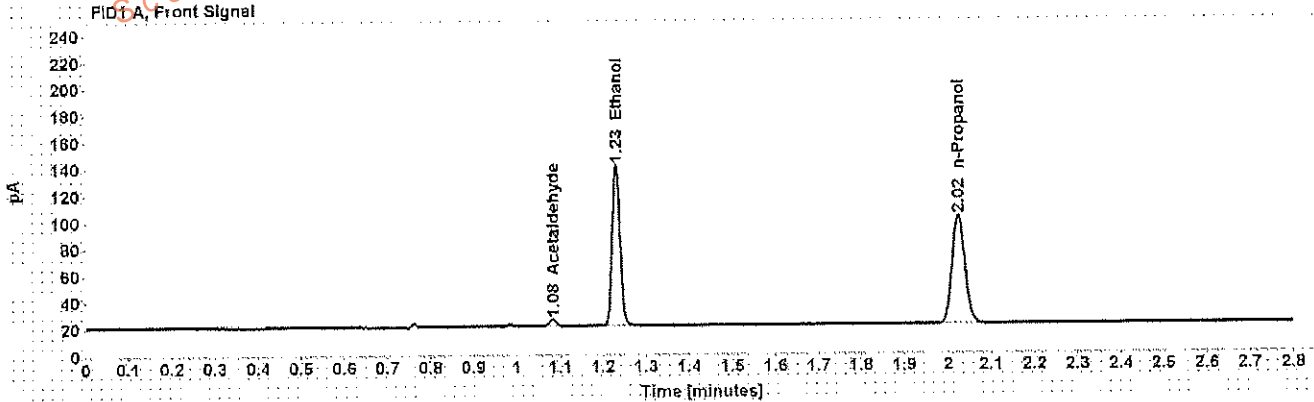


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 5.251     |
| >Ethanol     | 0.2503           | 1.230      | 154.763   |
| n-Propanol   | -----            | 2.025      | 166.406   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.973      | 5.312     |
| Ethanol      | 1.328      | 149.146   |
| n-Propanol   | 2.346      | 160.033   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|                 |                              |              |         |
|-----------------|------------------------------|--------------|---------|
| Sample:         | [REDACTED]                   | Item number: | 1147815 |
| Injection date: | 5/2/2017 4:13:06 PM          | Vial:        | 37      |
| Method:         | ethanol quant.M              | Sequence:    | 2May17  |
| Instrument:     | US14173023 CN14160045        | Analyst:     | Adrian  |
| Data file:      | C:\Chem32\1\Datat2May17\37.D |              |         |

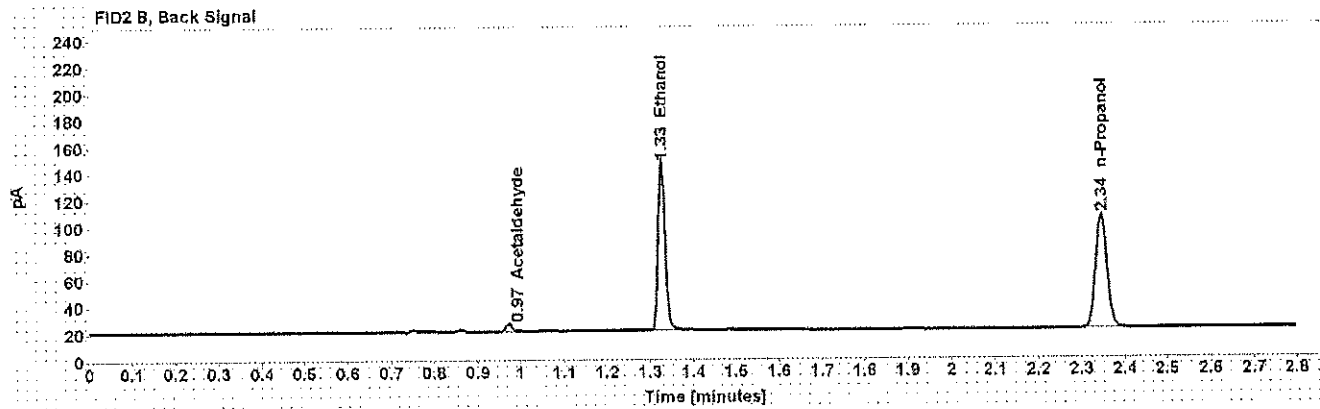
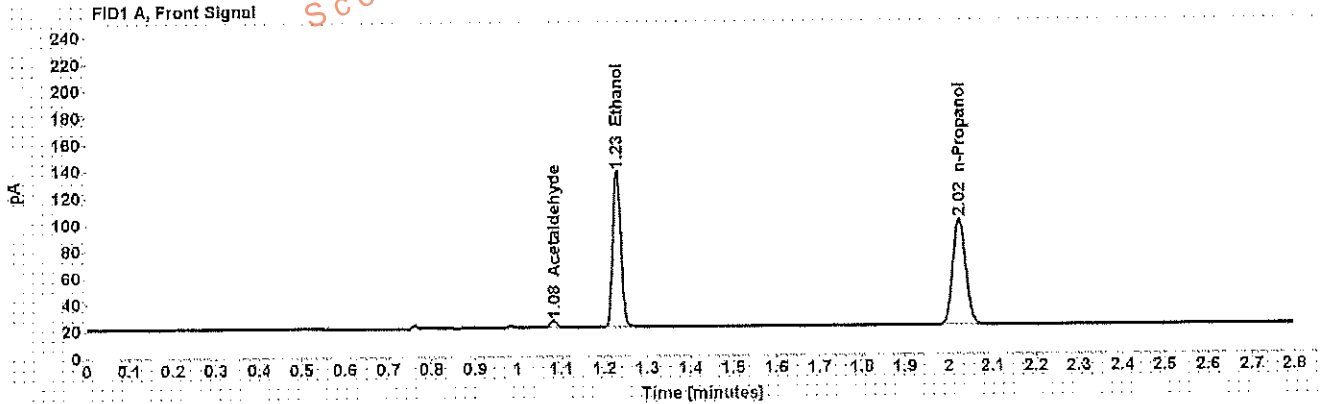


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 5.412     |
| >Ethanol     | 0.2484           | 1.229      | 151.074   |
| n-Propanol   | -----            | 2.024      | 163.673   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.972      | 5.460     |
| Ethanol      | 1.327      | 145.754   |
| n-Propanol   | 2.345      | 157.598   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|                 |                               |              |         |
|-----------------|-------------------------------|--------------|---------|
| Sample:         | [REDACTED]                    | Item number: | 1147762 |
| Injection date: | 5/2/2017 4:17:06 PM           | Vial:        | 38      |
| Method:         | ethanol quant.M               | Sequence:    | 2May17  |
| Instrument:     | US14173023 CN14160045         | Analyst:     | Adrian  |
| Data file:      | C:\Chem32\1\Data\2May17\138.D |              |         |

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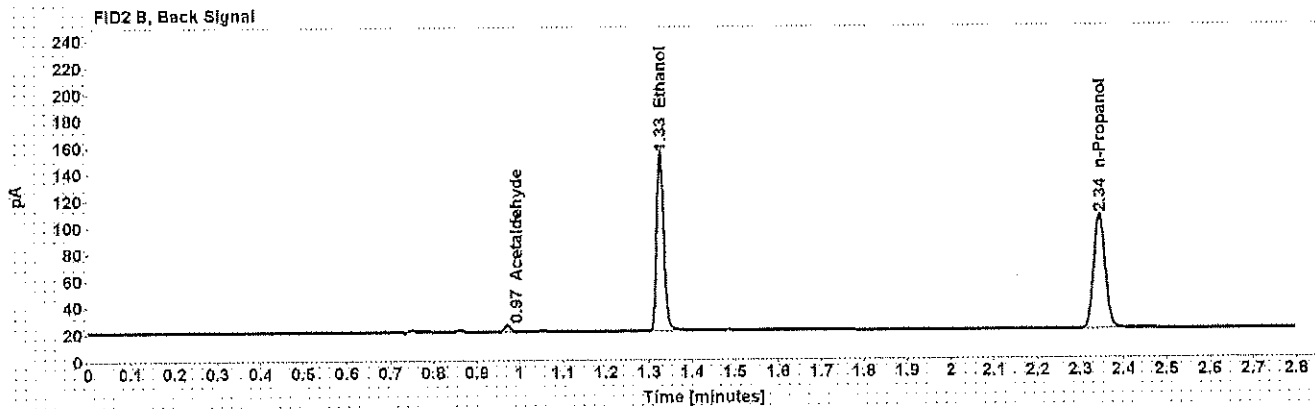
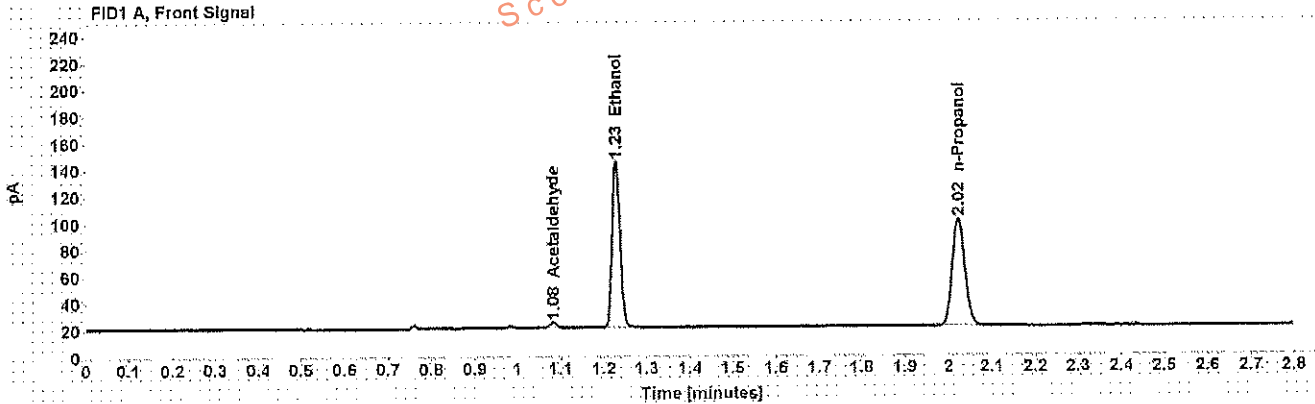


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.082      | 4.363     |
| >Ethanol     | 0.2813           | 1.229      | 160.251   |
| n-Propanol   | -----            | 2.023      | 164.994   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.972      | 4.407     |
| Ethanol      | 1.326      | 154.762   |
| n-Propanol   | 2.344      | 158.549   |



## Scottsdale Police Department Crime Lab Volatiles Analysis

|  |                      |
|--|----------------------|
| Sample: [REDACTED]                       | Item number: 1147762 |
| Injection date: 5/2/2017 4:21:07 PM      | Vial: 39             |
| Method: ethanol quant.M                  | Sequence: 2May17     |
| Instrument: US14173023.CN14160045        | Analyst: Adrian      |
| Data file: C:\Chem32\11\Data\2May17\39.D |                      |

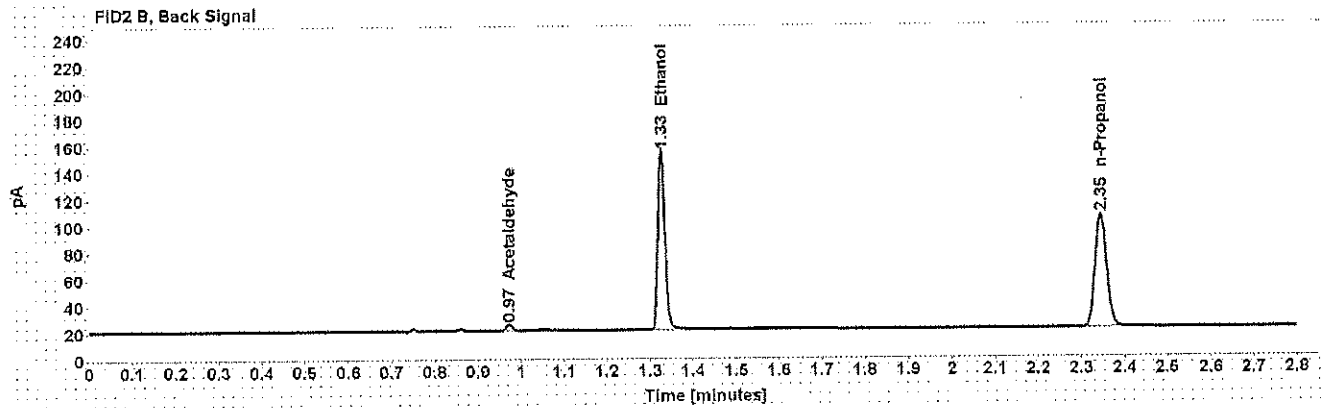
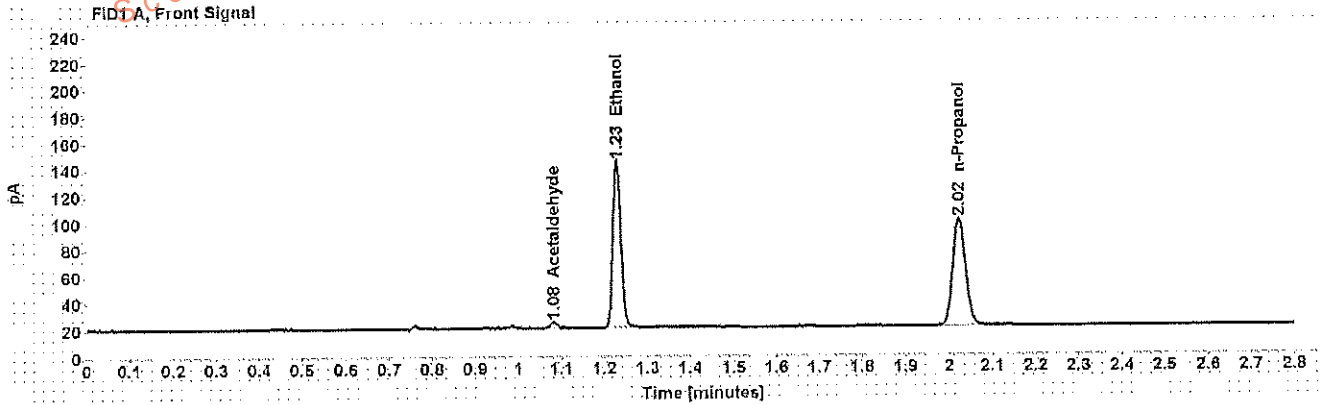


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 4.457     |
| >Ethanol     | 0.2646           | 1.229      | 160.612   |
| n-Propanol   | -----            | 2.024      | 163.347   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.972      | 4.368     |
| Ethanol      | 1.327      | 155.185   |
| n-Propanol   | 2.345      | 157.157   |

Case: [REDACTED] User: wadrian 5/3/2017

## Scottsdale Police Department Crime Lab Volatiles Analysis

|  |                             |
|--|-----------------------------|
| <b>Sample:</b> [REDACTED]                      | <b>Item number:</b> 1147347 |
| <b>Injection date:</b> 5/2/2017 4:25:07 PM     | <b>Vial:</b> 40             |
| <b>Method:</b> ethanol quant.M                 | <b>Sequence:</b> 2May17     |
| <b>Instrument:</b> US14173023 CN14160045       | <b>Analyst:</b> Adrian      |
| <b>Data file:</b> C:\Chem3211\Data\2May17\40.D |                             |

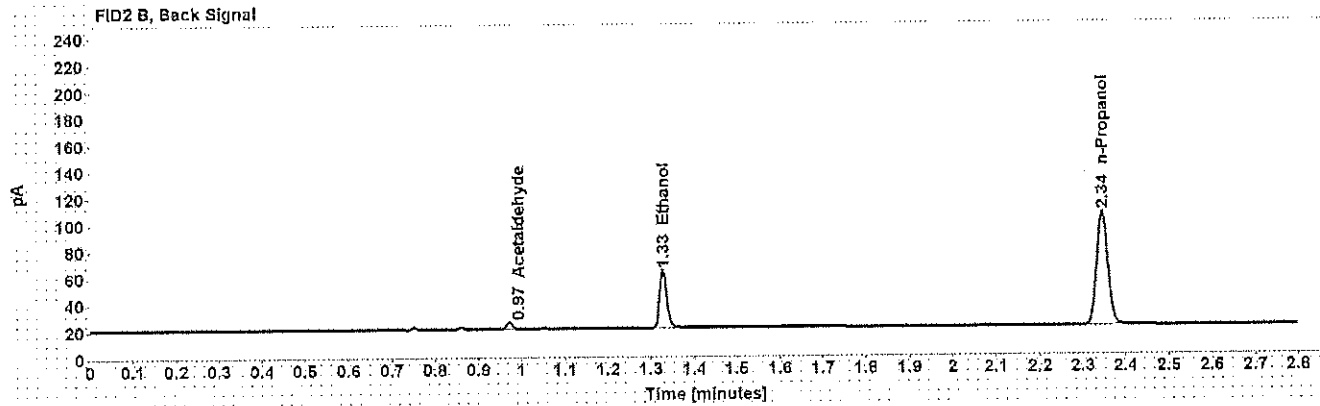
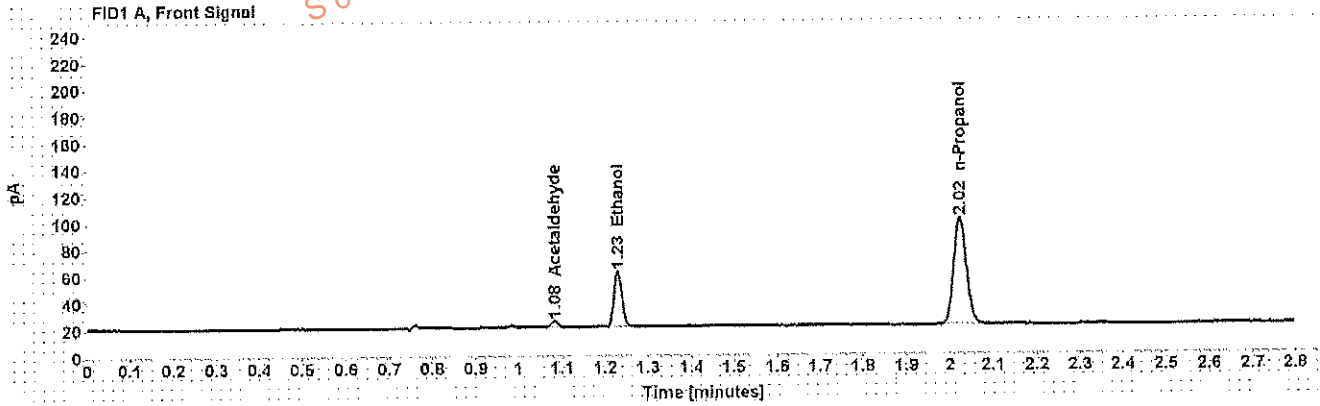


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 4.950     |
| >Ethanol     | 0,0882           | 1.230      | 53.265    |
| n-Propanol   | -----            | 2.024      | 163.727   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.972      | 4.944     |
| Ethanol      | 1.327      | 51.109    |
| n-Propanol   | 2.345      | 157.821   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|   |                      |
|---|----------------------|
| Sample: [REDACTED]                      | Item number: 1147347 |
| Injection date: 5/2/2017 4:29:07 PM     | Vial: 41             |
| Method: ethanol quant.M                 | Sequence: 2May17     |
| Instrument: US14173023 CN14160045       | Analyst: Adrian      |
| Data file: C:\Chem32\1\Data\2May17\41.D |                      |

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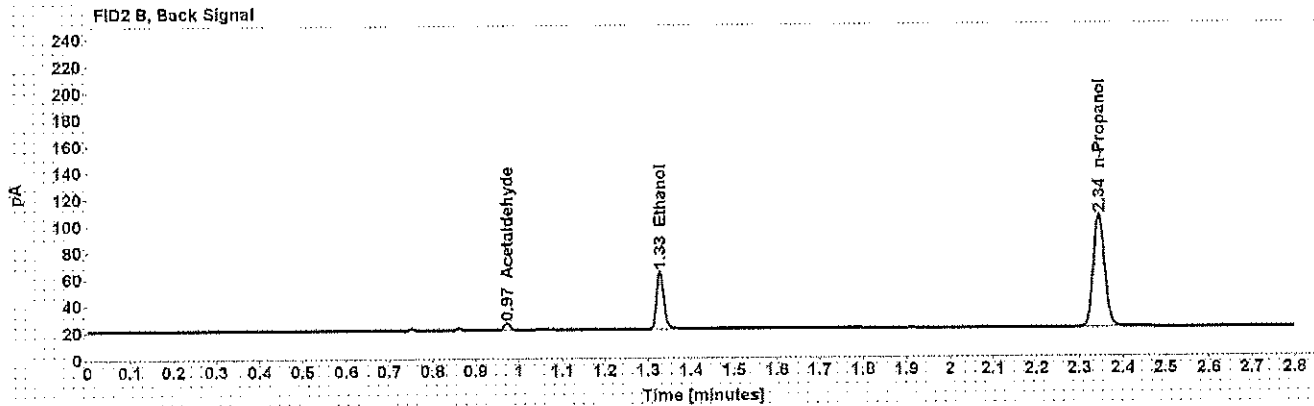
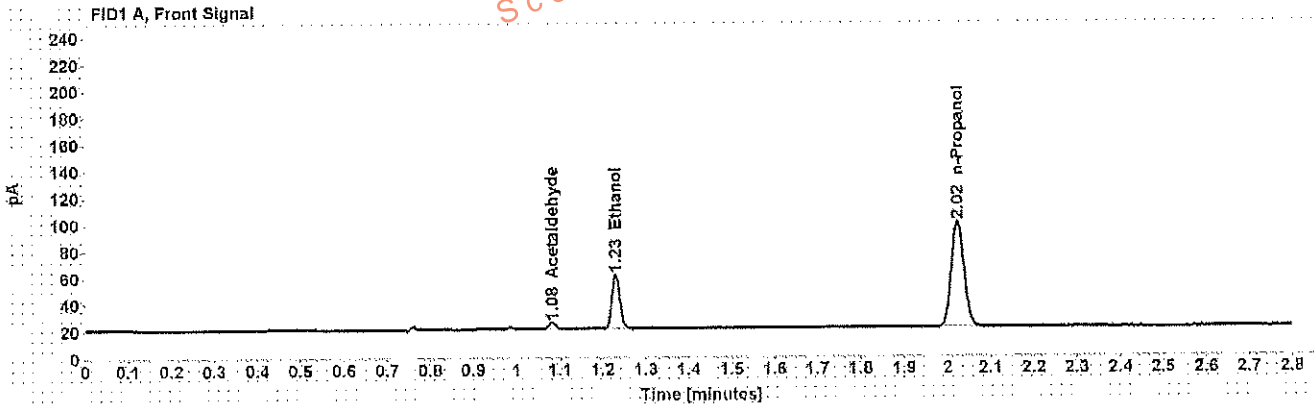


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 4.893     |
| >Ethanol     | 0.0876           | 1.230      | 52.332    |
| n-Propanol   | -----            | 2.024      | 161.948   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.972      | 4.935     |
| Ethanol      | 1.328      | 50.117    |
| n-Propanol   | 2.345      | 155.867   |

Scottsdale Police Department Crime Lab Volatiles Analysis

|                 |                              |              |         |
|-----------------|------------------------------|--------------|---------|
| Sample:         | [REDACTED]                   | Item number: | 1148646 |
| Injection date: | 5/2/2017 4:37:21 PM          | Vial:        | 43      |
| Method:         | ethanol quant M              | Sequence:    | 2May17  |
| Instrument:     | US14173023 CN14160045        | Analyst:     | Adrian  |
| Data file:      | C:\Chem3211\Data\2May17\43.D |              |         |

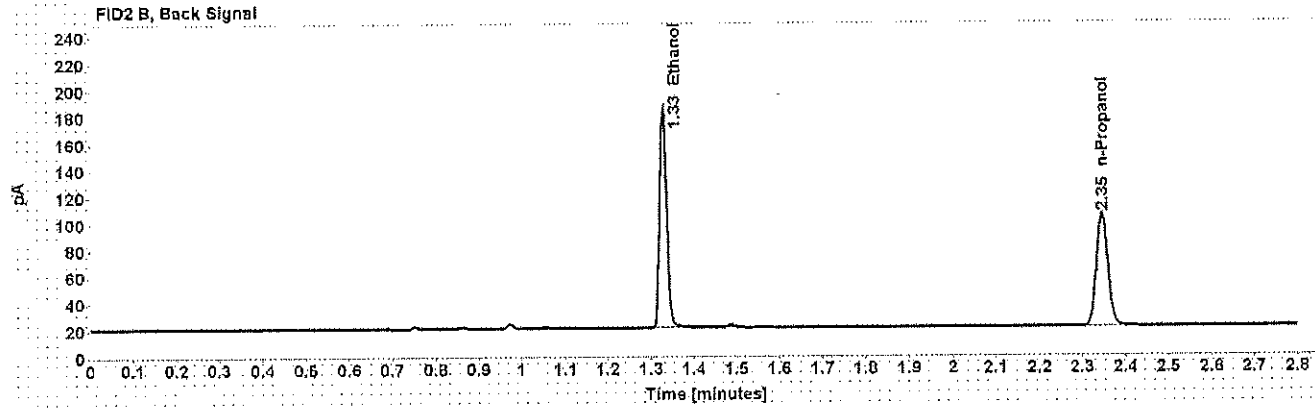
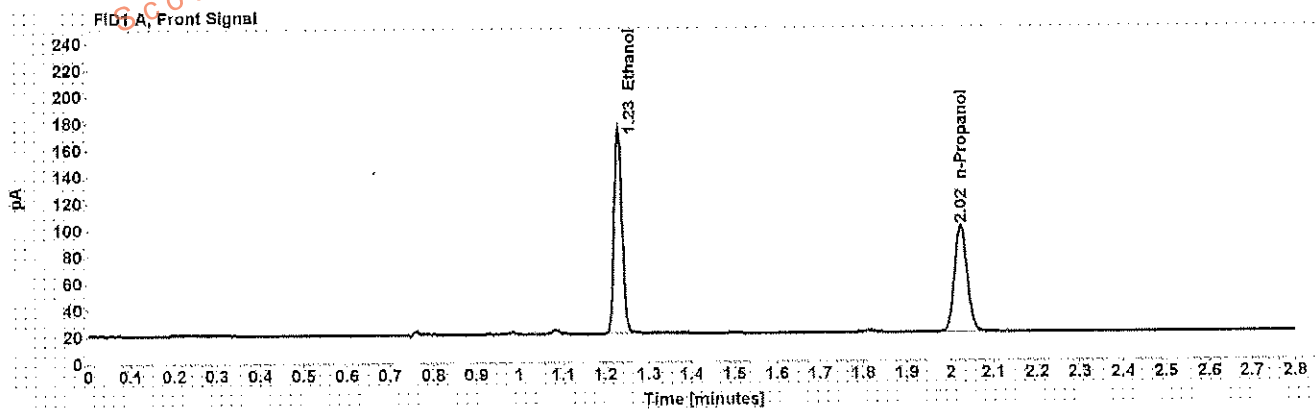


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.3251           | 1.230      | 196.748   |
| n-Propanol | -----            | 2.025      | 162.733   |

Table 2: FID 2 B (column DB-ALC2)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.328      | 190.854   |
| n-Propanol | 2.346      | 156.670   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|                 |                              |              |         |
|-----------------|------------------------------|--------------|---------|
| Sample:         | [REDACTED]                   | Item number: | 1148646 |
| Injection date: | 5/2/2017 4:41:21 PM          | Vial:        | 44      |
| Method:         | ethanol quant.M              | Sequence:    | 2May17  |
| Instrument:     | US14173023 CN14160045        | Analyst:     | Adrian  |
| Data file:      | C:\Chem32\1\Data\2May17\44.D |              |         |

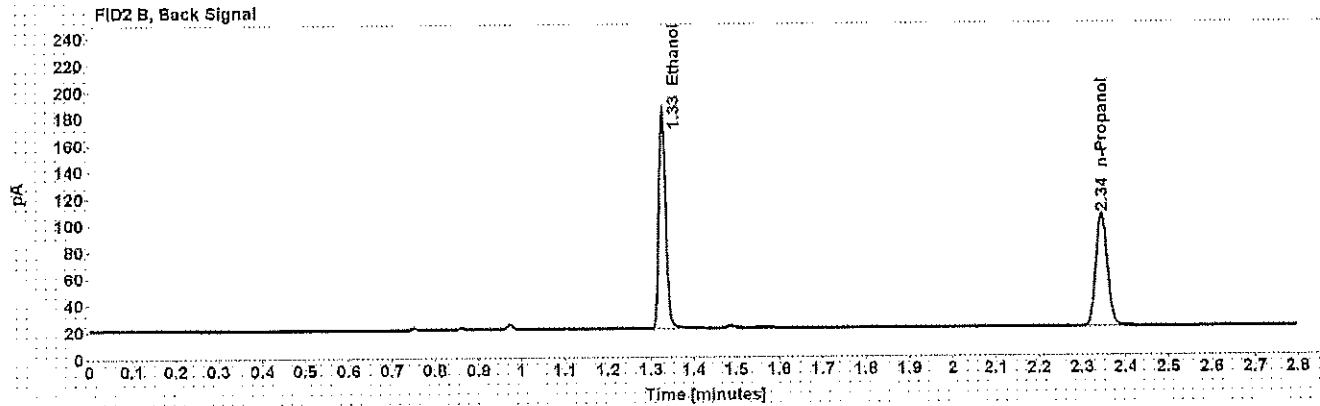
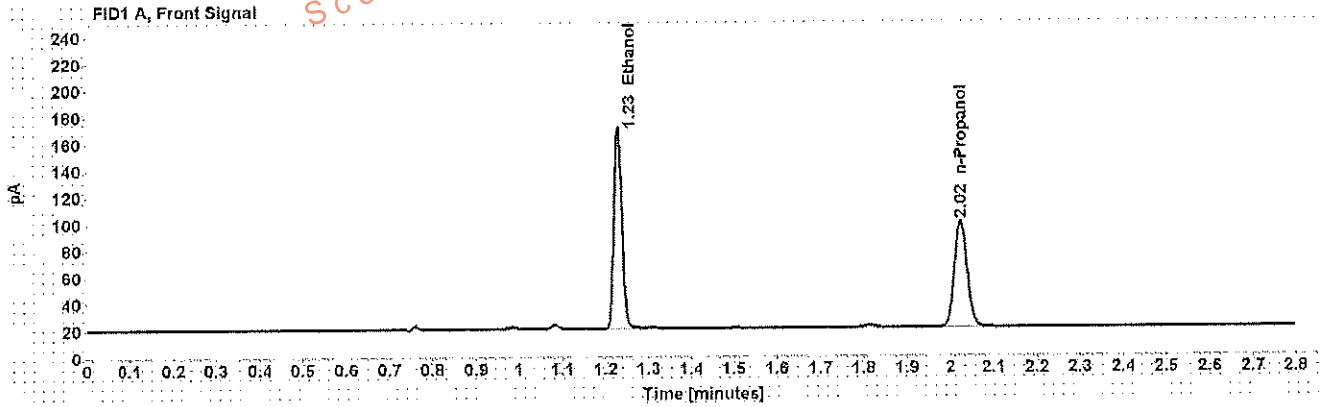


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.3215           | 1.229      | 194.197   |
| n-Propanol | -----            | 2.024      | 162.414   |

Table 2: FID 2 B (column DB-ALC2)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.327      | 187.912   |
| n-Propanol | 2.345      | 156.304   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

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|   |                             |
|---|-----------------------------|
| <b>Sample:</b> [REDACTED]                       | <b>Item number:</b> 1147385 |
| <b>Injection date:</b> 5/2/2017 4:45:21 PM      | <b>Vial:</b> 45             |
| <b>Method:</b> ethanol quant.M                  | <b>Sequence:</b> 2May17     |
| <b>Instrument:</b> US14173023 CN14160045        | <b>Analyst:</b> Adrian      |
| <b>Data file:</b> C:\Chem32\11\Data\2May17\45.D |                             |

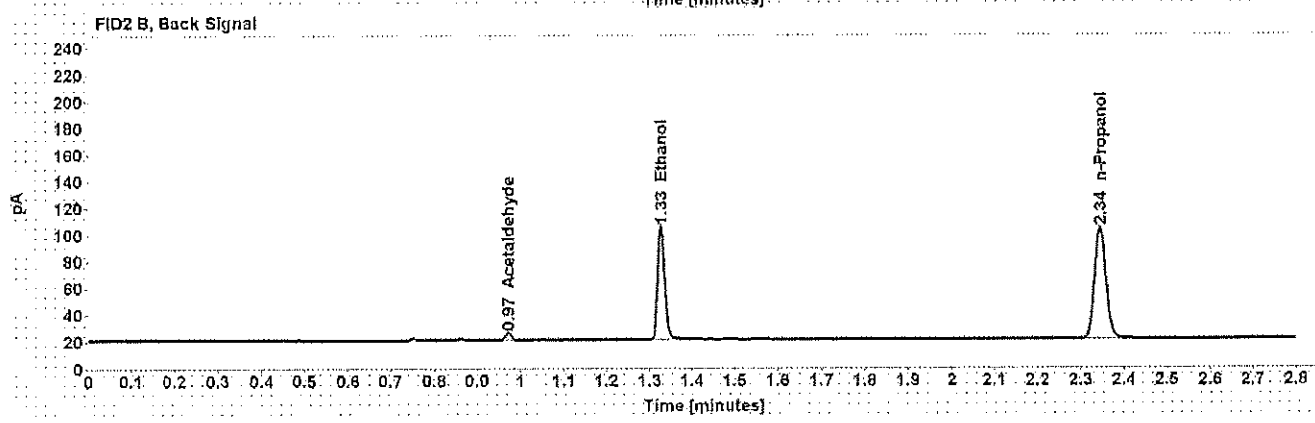
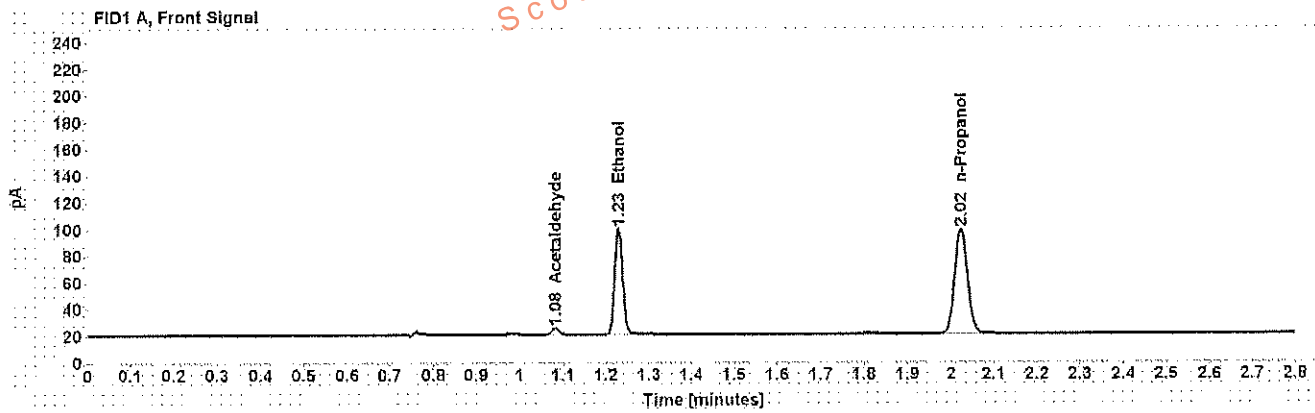


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 4.996     |
| >Ethanol     | 0.1717           | 1.230      | 102.249   |
| n-Propanol   | -----            | 2.024      | 160.518   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.972      | 4.867     |
| Ethanol      | 1.327      | 98.203    |
| n-Propanol   | 2.345      | 154.390   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|   |                      |
|---|----------------------|
| Sample: [REDACTED]                      | Item number: 1147385 |
| Injection date: 5/2/2017 4:49:21 PM     | Vial: 46             |
| Method: ethanol.quant.M                 | Sequence: 2May17     |
| Instrument: US14173023 CN14160045       | Analyst: Adrian      |
| Data file: C:\Chem3211\Data\2May17\46.D |                      |

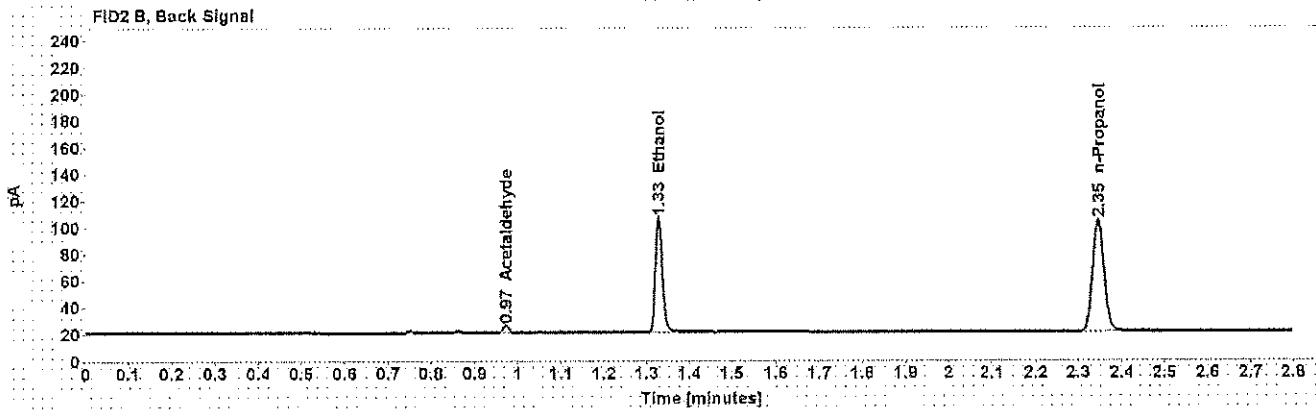
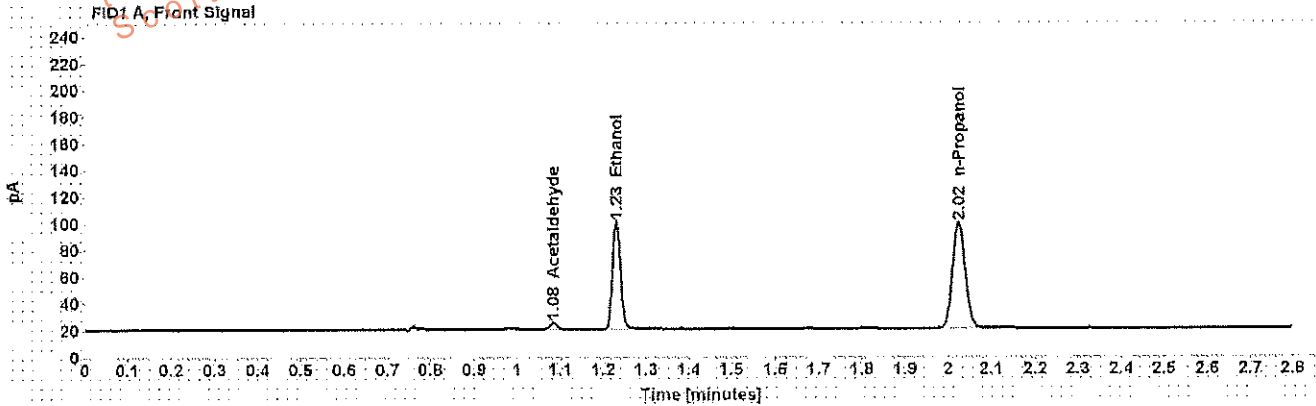


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 5.007     |
| >Ethanol     | 0.1724           | 1.230      | 103.414   |
| n-Propanol   | -----            | 2.024      | 161.731   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.973      | 4.928     |
| Ethanol      | 1.328      | 99.392    |
| n-Propanol   | 2.346      | 155.610   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|                 |                               |              |         |
|-----------------|-------------------------------|--------------|---------|
| Sample:         | [REDACTED]                    | Item number: | 1147281 |
| Injection date: | 5/2/2017 4:53:22 PM           | Vial:        | 47      |
| Method:         | ethanol quant.M               | Sequence:    | 2May17  |
| Instrument:     | US14173023 CN14160045         | Analyst:     | Adrian  |
| Data file:      | C:\Chem32\1>Data\2May17\147.D |              |         |

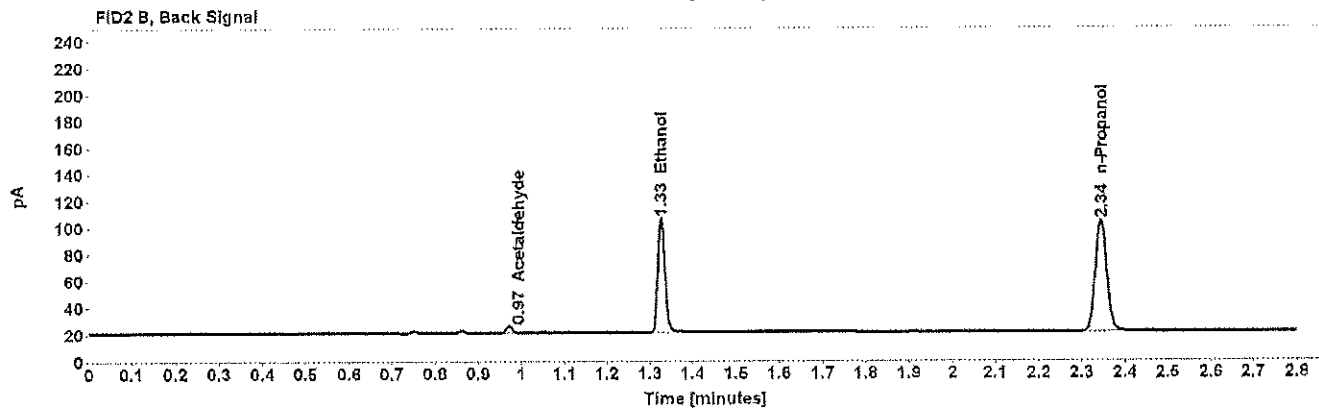
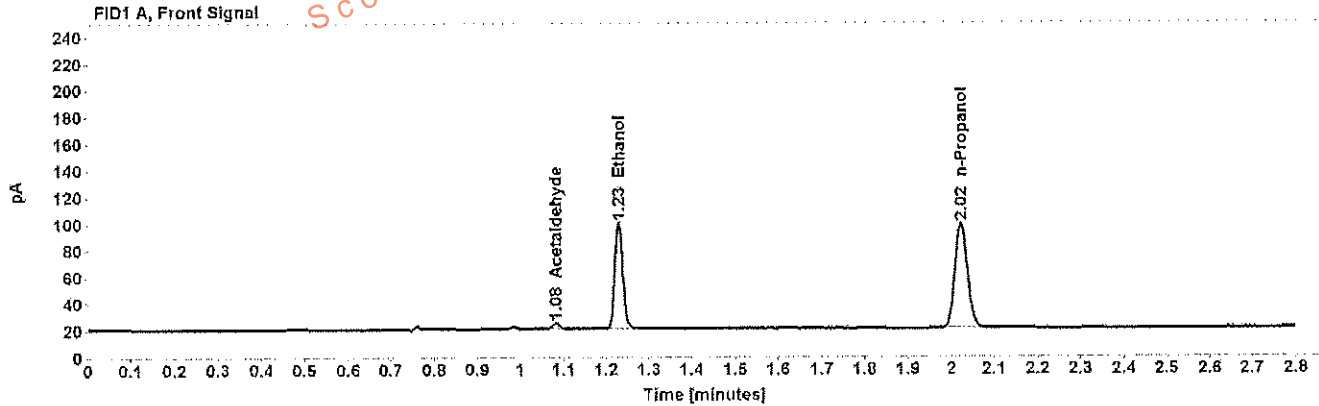


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.083      | 4.690     |
| >Ethanol     | 0.1725           | 1.229      | 102.525   |
| n-Propanol   | -----            | 2.024      | 160.284   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.972      | 4.690     |
| Ethanol      | 1.327      | 98.623    |
| n-Propanol   | 2.344      | 154.258   |



## Scottsdale Police Department Crime Lab Volatiles Analysis

|   |                      |
|---|----------------------|
| Sample: [REDACTED]                      | Item number: 1147281 |
| Injection date: 5/2/2017 4:57:22 PM     | Vial: 48             |
| Method: ethanol quant.M                 | Sequence: 2May17     |
| Instrument: US14173023 CN14160045       | Analyst: Adrian      |
| Data file: C:\Chem32\1\Data\2May17\48.D |                      |

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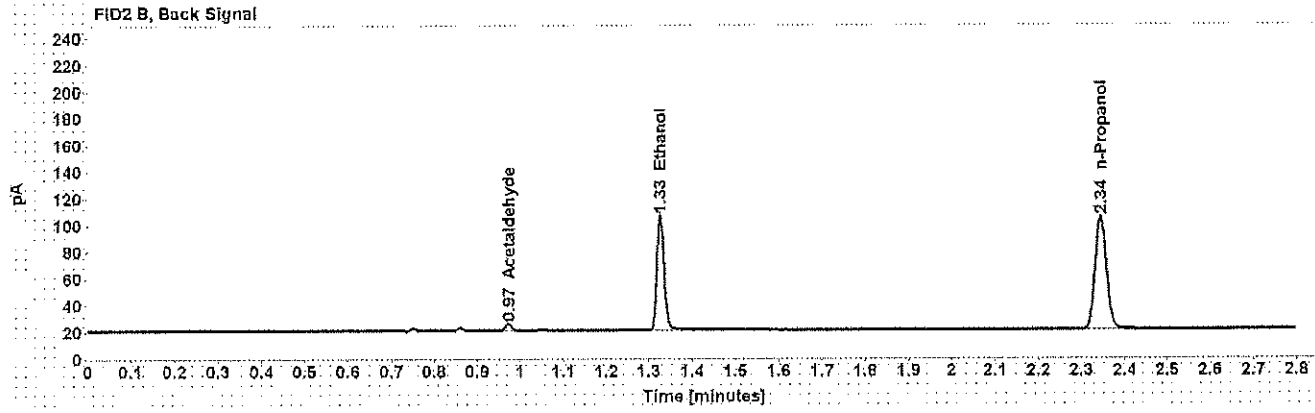
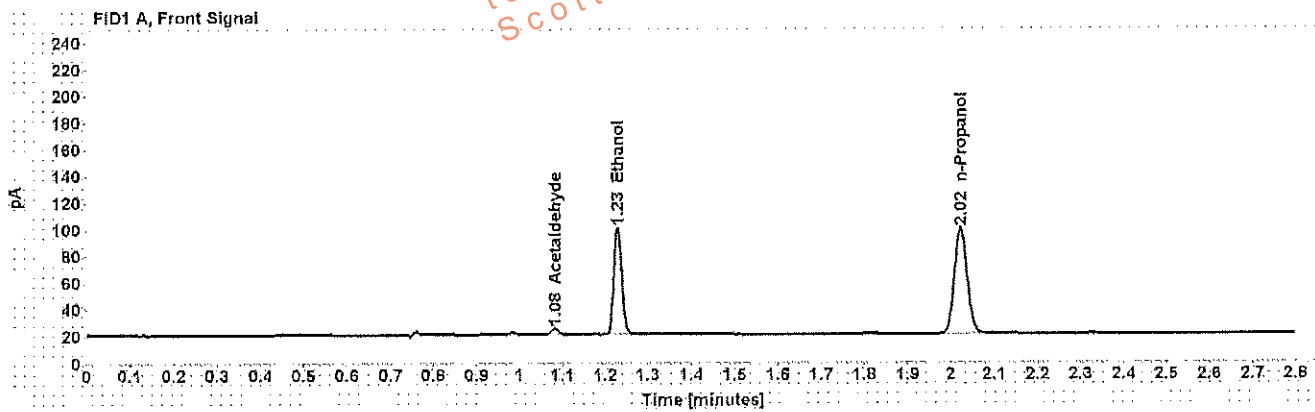


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.082      | 4.823     |
| >Ethanol     | 0.1719           | 1.229      | 103.517   |
| n-Propanol   | -----            | 2.024      | 162.376   |

Table 2: FID 2 B (column DB-ALC2)

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.972      | 4.759     |
| Ethanol      | 1.327      | 99.851    |
| n-Propanol   | 2.344      | 156.539   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|   |                      |
|---|----------------------|
| Sample: [REDACTED]                      | Item number: 1147514 |
| Injection date: 5/2/2017 5:01:37 PM     | Vial: 49             |
| Method: ethanol quant.M                 | Sequence: 2May17     |
| Instrument: US14173023 CN14160045       | Analyst: Adrian      |
| Data file: C:\Chem3211\Data\2May17\49.D |                      |

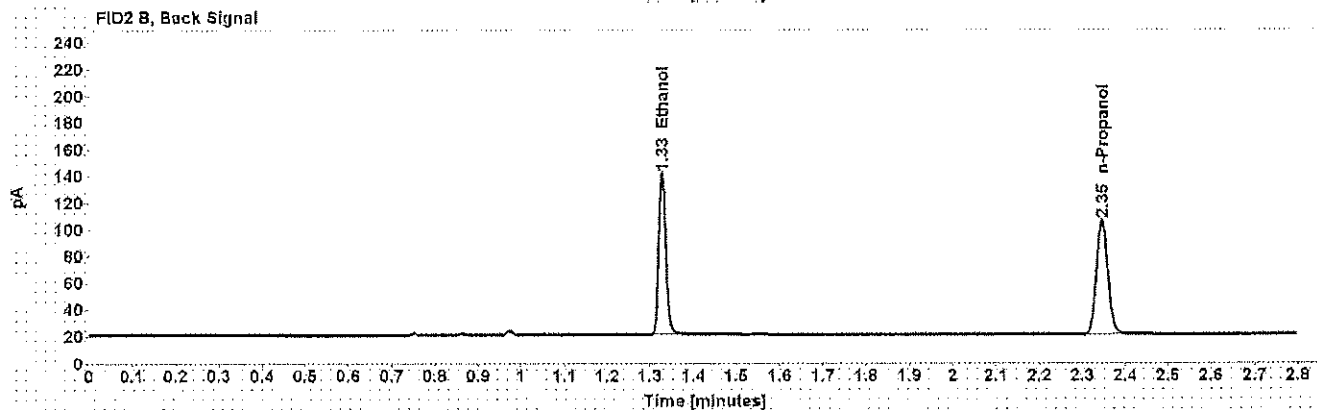
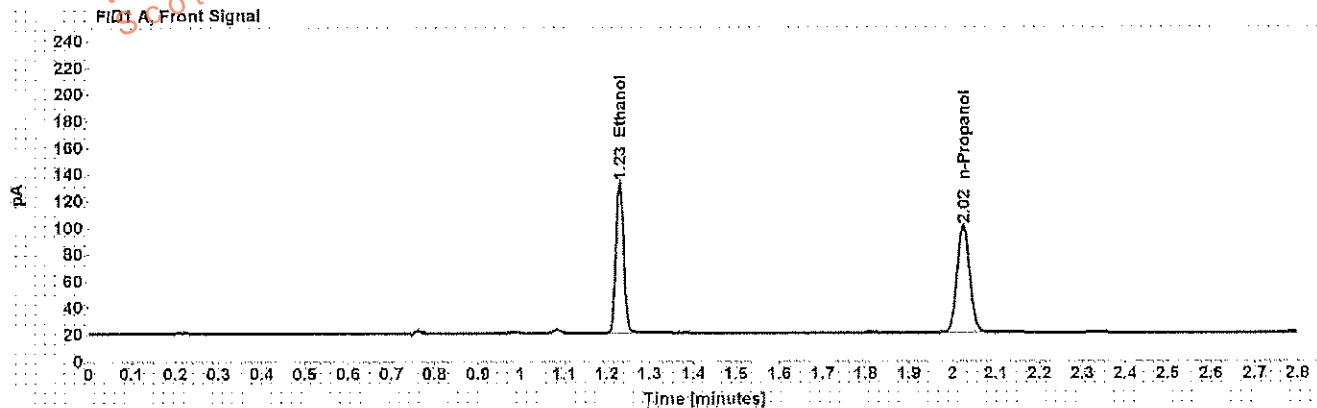


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2384           | 1.230      | 145.062   |
| n-Propanol | -----            | 2.024      | 163.804   |

Table 2: FID 2 B (column DB-ALC2)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.328      | 140.242   |
| n-Propanol | 2.348      | 157.864   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|   |                      |
|---|----------------------|
| Sample: [REDACTED]                      | Item number: 1147514 |
| Injection date: 5/2/2017 5:05:37 PM     | Vial: 50             |
| Method: ethanol quant.M                 | Sequence: 2May17     |
| Instrument: US14173023 CN14160045       | Analyst: Adrian      |
| Data file: C:\Chem3211\Data\2May17\50.D |                      |

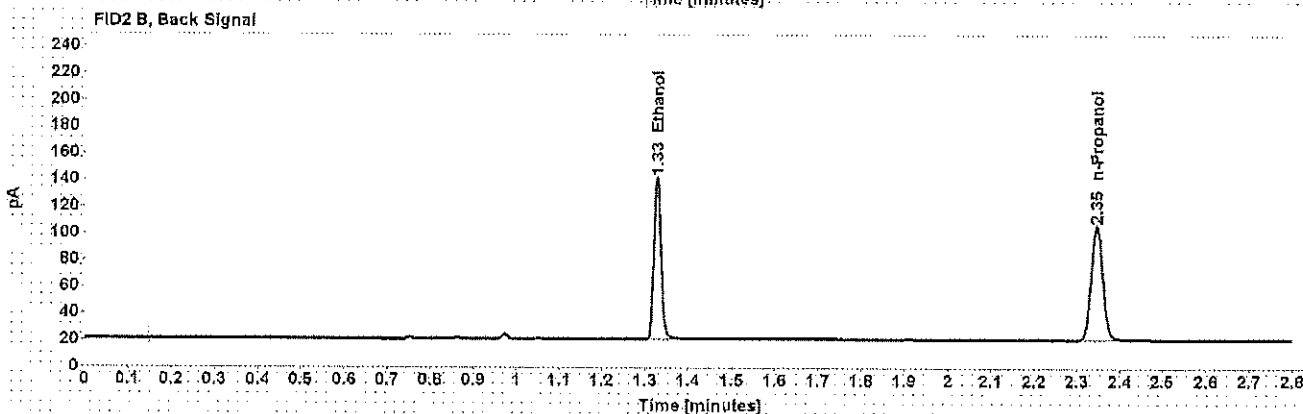
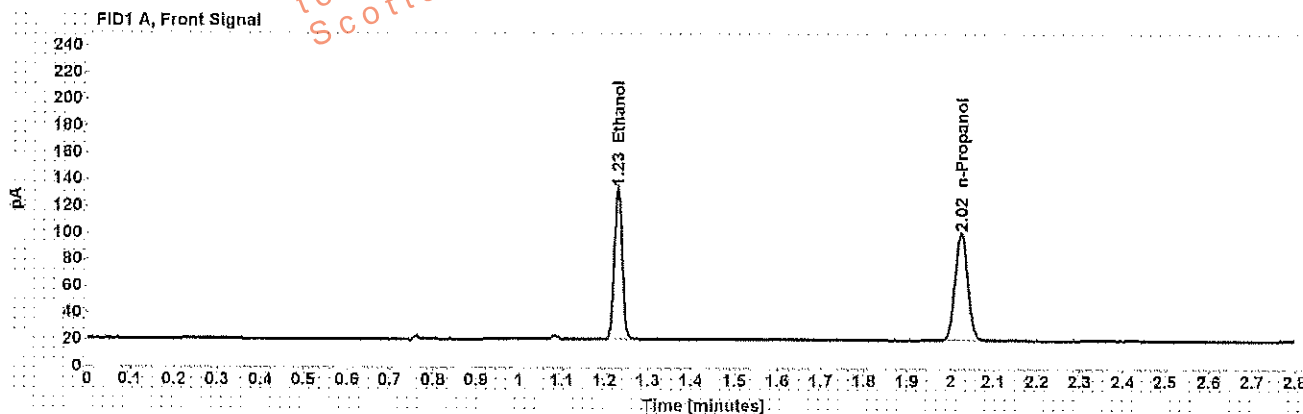


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2381           | 1.230      | 145.633   |
| n-Propanol | -----            | 2.024      | 164.619   |

Table 2: FID 2 B (column DB-ALC2)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.327      | 140.525   |
| n-Propanol | 2.346      | 158.573   |