

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 06/25/2019 SEQUENCE NAME 25Jun19

### 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 FN02271802 0.99998  
 Vial 3 0.20 calibrator Lot FN06231704  
 Vial 4 0.40 calibrator Lot FN05131606

### CALIBRATION VERIFICATION AND RESOLUTION TEST

| Vial | Sample            | Expected result | Measured result | Manufacturer/lot   |
|------|-------------------|-----------------|-----------------|--------------------|
| 5    | Blank             | Not detected    | Not detected    | SPD lab 051619     |
| 6    | Volatiles mixture | 6 compounds     | 6 compounds     | SPD lab 020917WLA  |
| 7    | Aqueous control   | 0.400 g/dL      | 0.403 g/dL      | Lipomed 08012015-C |
| 8    | Aqueous control   | 0.040 g/dL      | 0.040 g/dL      | Lipomed 09022015-A |
| 9    | Blood control     | 0.198 g/dL      | 0.198 g/dL      | ACQ 407041529/13   |
| 20   | Aqueous control   | 0.080 g/dL      | 0.081 g/dL      | Lipomed 28082014-B |
| 31   | Aqueous control   | 0.150 g/dL      | 0.152 g/dL      | Lipomed 09022015-C |
| 42   | Blood control     | 0.198 g/dL      | 0.199 g/dL      | ACQ 407041529/13   |
| 53   | Aqueous control   | 0.080 g/dL      | 0.081 g/dL      | Lipomed 28082014-B |
| 58   | Aqueous control   | 0.400 g/dL      | 0.404 g/dL      | Lipomed 08012015-C |
| 59   | Aqueous control   | 0.040 g/dL      | 0.039 g/dL      | Lipomed 09022015-A |
| 60   | Blood control     | 0.198 g/dL      | 0.201 g/dL      | ACQ 407041529/13   |
| 61   | Blank             | Not detected    | Not detected    | SPD lab 040919WB   |

### SUBJECT SAMPLES

Subjects in the sequence 22 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid  Run invalid  WABIS70 6/27/19 Analyst  
 Run valid  Run invalid  KOSECKI 6/27/19 Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

SEQUENCE NAME: 25Jun19

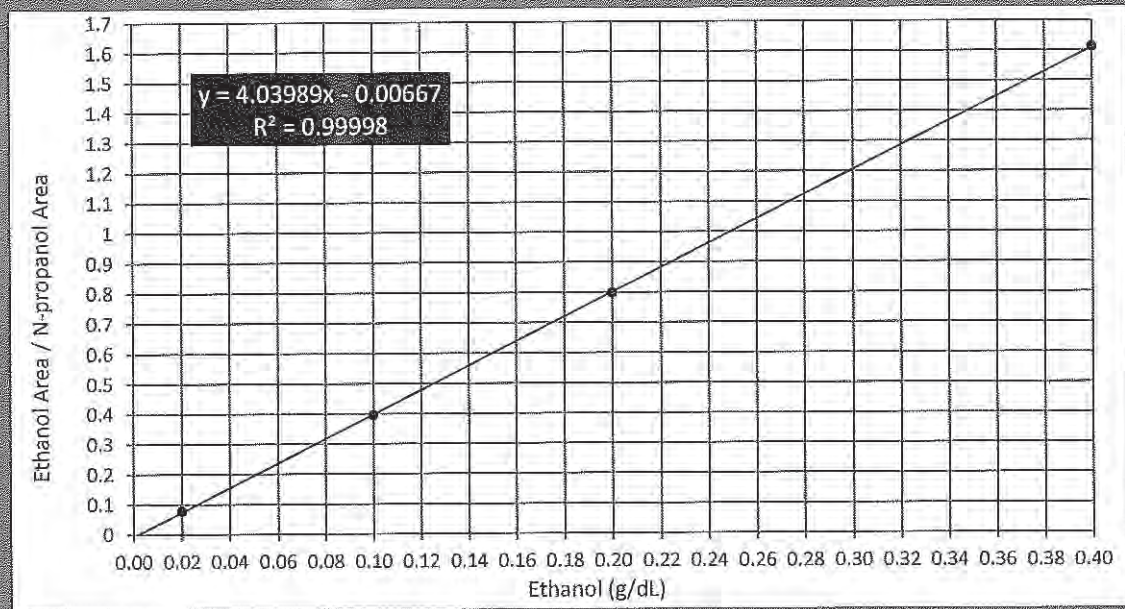
ANALYST: Adrian

WM

| Sample Name              | Vial | Measured Value (g/dL) | Expected Value (g/dL) | Percent Difference | Absolute Difference (g/dL) |
|--------------------------|------|-----------------------|-----------------------|--------------------|----------------------------|
| blank 051619             | 5    | negative              | negative              | -                  | -                          |
| 0.400 Lipomed 08012015-C | 7    | 0.403                 | 0.400                 | 0.75               | 0.003                      |
| 0.040 Lipomed 09022015-A | 8    | 0.040                 | 0.040                 | 0.00               | 0.000                      |
| 0.198 ACQ 407041529/13   | 9    | 0.198                 | 0.198                 | 0.00               | 0.000                      |
| 0.080 Lipomed 28082014-B | 20   | 0.081                 | 0.080                 | 1.25               | 0.001                      |
| 0.150 Lipomed 09022015-C | 31   | 0.152                 | 0.150                 | 1.33               | 0.002                      |
| 0.198 ACQ 407041529/13   | 42   | 0.199                 | 0.198                 | 0.51               | 0.001                      |
| 0.080 Lipomed 28082014-B | 53   | 0.081                 | 0.080                 | 1.25               | 0.001                      |
| 0.400 Lipomed 08012015-C | 58   | 0.404                 | 0.400                 | 1.00               | 0.004                      |
| 0.040 Lipomed 09022015-A | 59   | 0.039                 | 0.040                 | 2.50               | -0.001                     |
| 0.198 ACQ 407041529/13   | 60   | 0.201                 | 0.198                 | 1.52               | 0.003                      |
| blank 040919WB           | 61   | negative              | negative              | -                  | -                          |

| Calibrator | Ethanol Area | N-propanol Area | Ratio |
|------------|--------------|-----------------|-------|
| 0.020      | 12.037       | 155.490         | 0.077 |
| 0.100      | 61.822       | 156.234         | 0.396 |
| 0.200      | 123.111      | 154.376         | 0.797 |
| 0.400      | 248.121      | 153.975         | 1.611 |

**Calibration Line**



# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

|              |                              |                 |                      |
|--------------|------------------------------|-----------------|----------------------|
| Sample:      | FN03241604                   | Vial:           | 1                    |
| Description: | 0.020 calibrator             | Sequence:       | 25Jun19              |
| Method:      | ethanol quant.M              | Injection date: | 6/25/2019 3:14:58 PM |
| Instrument:  | US14173023 CN14160045        | Analyst:        | Adrian               |
| Data file:   | C:\Chem32\1\Data\25Jun19\1.D |                 |                      |

Dissemination is restricted to Criminal Justice Agencies and authorized ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

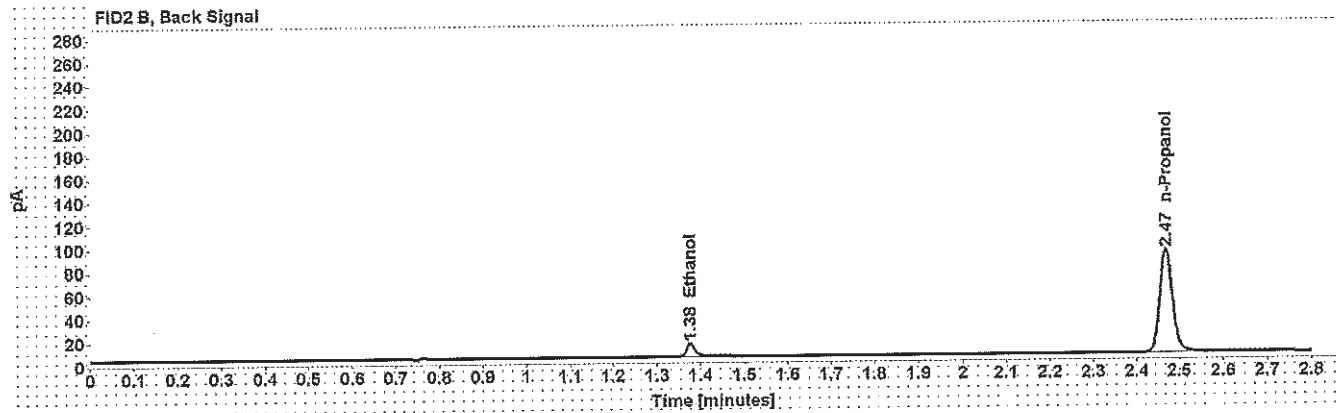
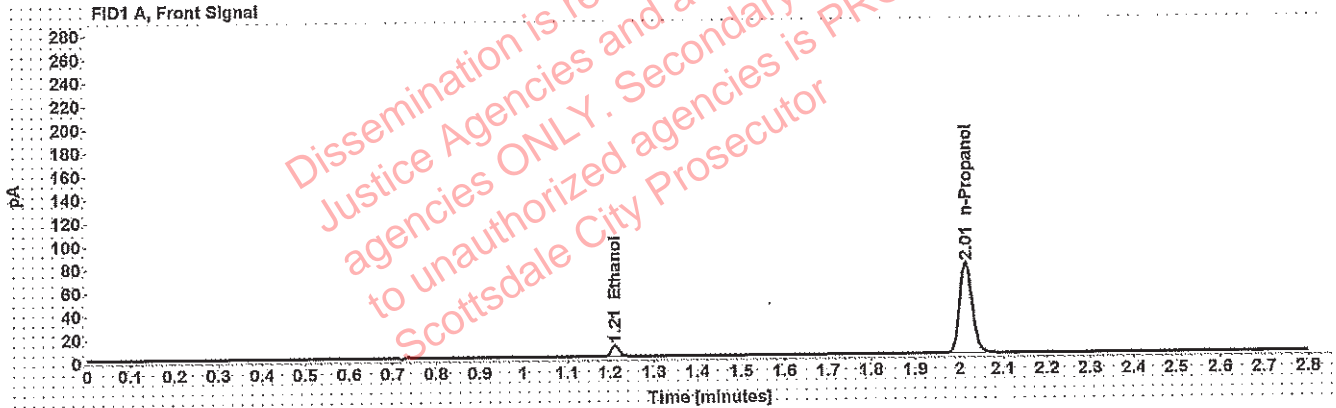


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.211      | 12.037    |
| n-Propanol | 2.014      | 155.490   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.376      | 14.405    |
| n-Propanol | 2.469      | 182.885   |



# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

|              |                              |                 |                      |
|--------------|------------------------------|-----------------|----------------------|
| Sample:      | FN02271802                   | Vial:           | 2                    |
| Description: | 0.100 calibrator             | Sequence:       | 25Jun19              |
| Method:      | ethanol quant.M              | Injection date: | 6/25/2019 3:18:57 PM |
| Instrument:  | US14173023 CN14160045        | Analyst:        | Adrian               |
| Data file:   | C:\Chem32\1\Data\25Jun19\2.D |                 |                      |

Dissemination is restricted to Criminal Justice Agencies and authorized agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

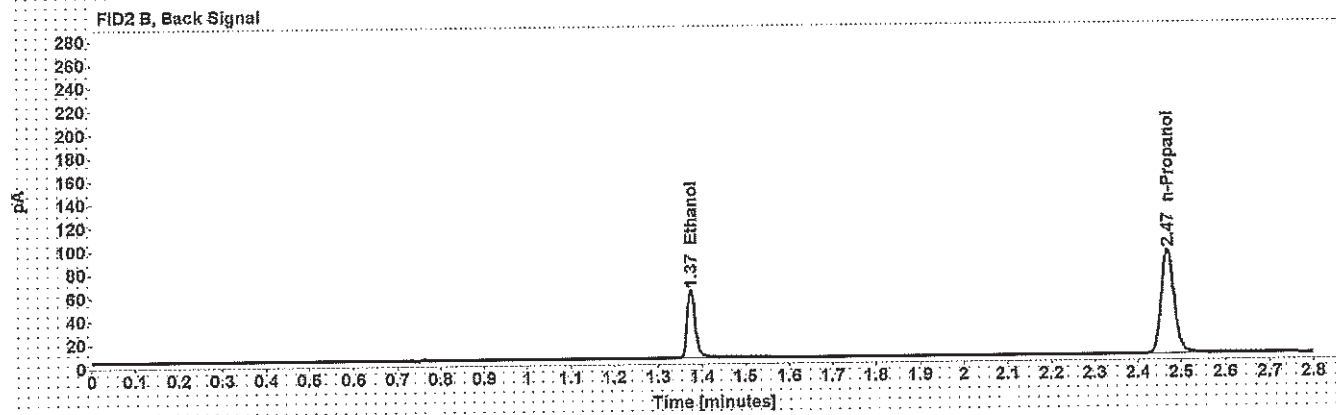
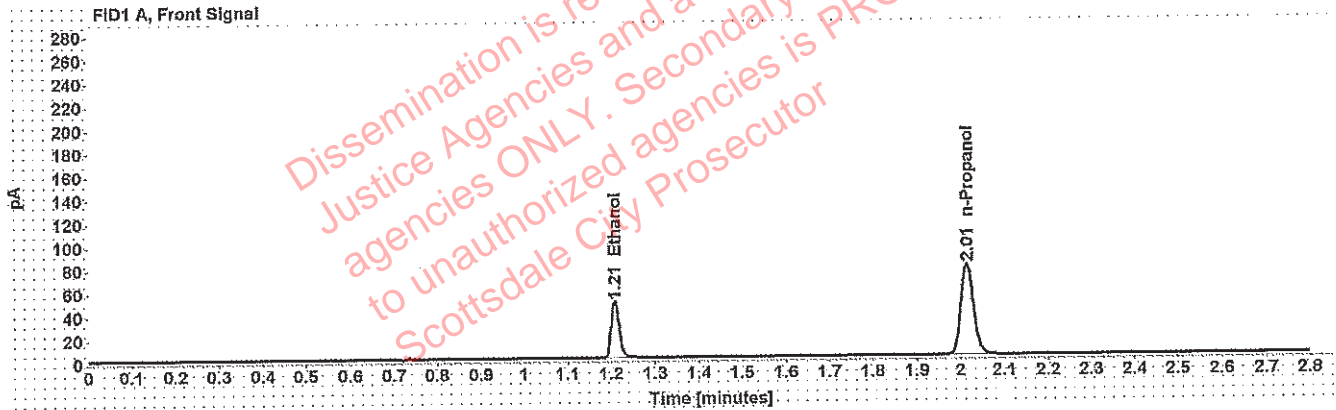


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.209      | 61.822    |
| n-Propanol | 2.014      | 156.234   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.374      | 75.251    |
| n-Propanol | 2.469      | 184.411   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

WJA

|                     |                              |                        |                      |
|---------------------|------------------------------|------------------------|----------------------|
| <b>Sample:</b>      | FN06231704                   | <b>Vial:</b>           | 3                    |
| <b>Description:</b> | 0.200 calibrator             | <b>Sequence:</b>       | 25Jun19              |
| <b>Method:</b>      | ethanol quant.M              | <b>Injection date:</b> | 6/25/2019 3:22:56 PM |
| <b>Instrument:</b>  | US14173023 CN14160045        | <b>Analyst:</b>        | Adrian               |
| <b>Data file:</b>   | C:\Chem32\1\Data\25Jun19\3.D |                        |                      |

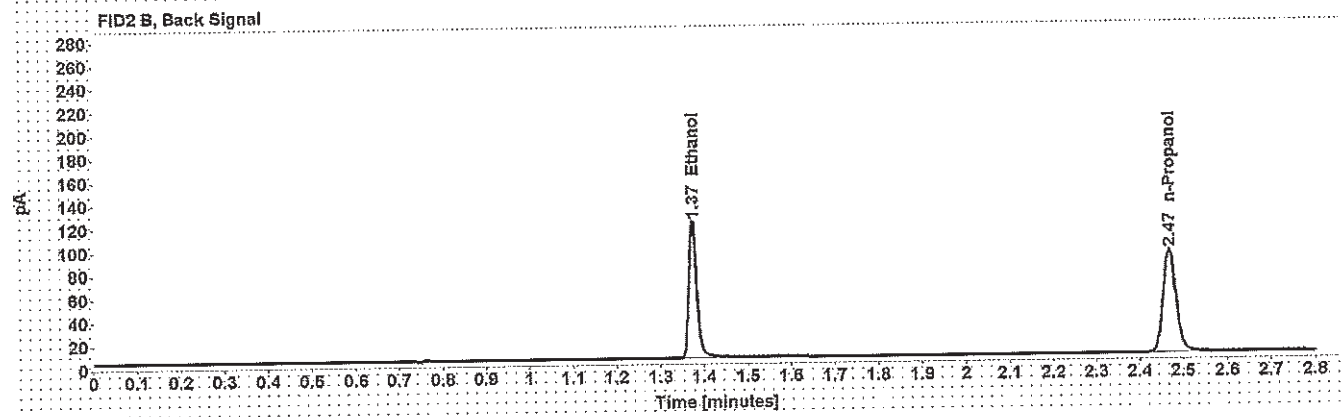
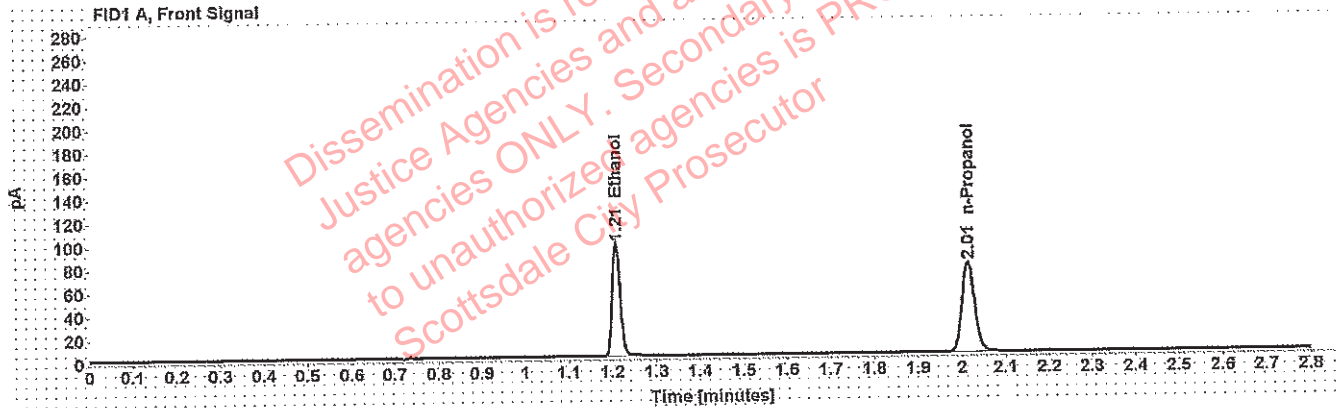


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.208      | 123.111   |
| n-Propanol | 2.014      | 154.376   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.374      | 150.641   |
| n-Propanol | 2.469      | 182.763   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

WV

|              |                              |                 |                      |
|--------------|------------------------------|-----------------|----------------------|
| Sample:      | FN05131606                   | Vial:           | 4                    |
| Description: | 0.400 calibrator             | Sequence:       | 25Jun19              |
| Method:      | ethanol quant.M              | Injection date: | 6/25/2019 3:26:56 PM |
| Instrument:  | US14173023 CN14160045        | Analyst:        | Adrian               |
| Data file:   | C:\Chem32\1\Data\25Jun19\4.D |                 |                      |

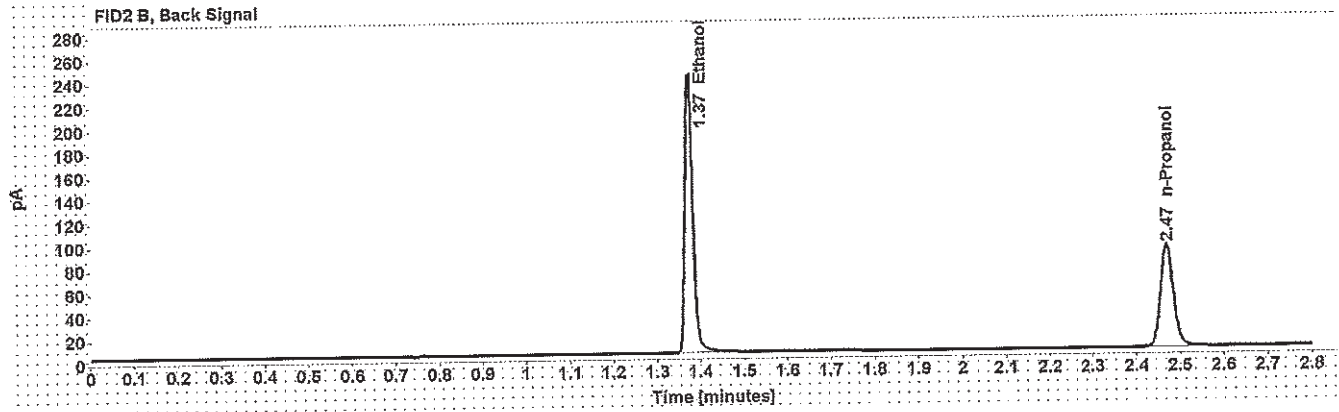
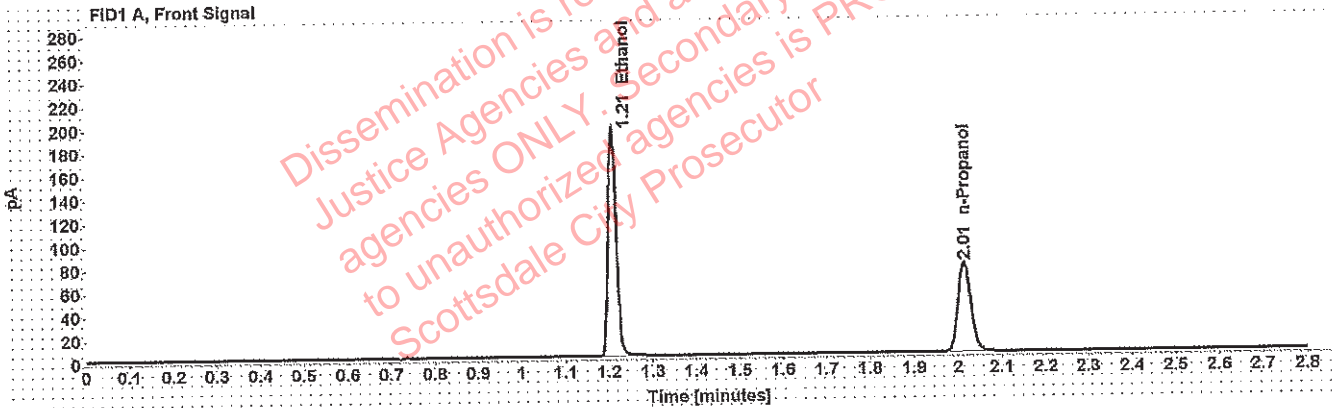


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.208      | 248.121   |
| n-Propanol | 2.015      | 153.975   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.374      | 303.971   |
| n-Propanol | 2.469      | 183.132   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

|              |                              |                 |                      |
|--------------|------------------------------|-----------------|----------------------|
| Sample:      | 051619                       | Vial:           | 5                    |
| Description: | Negative                     | LIMS ID:        |                      |
| Method:      | ethanol quant.M              | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045        | Injection date: | 6/25/2019 3:30:57 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\5.D | Analyst:        | Adrian               |

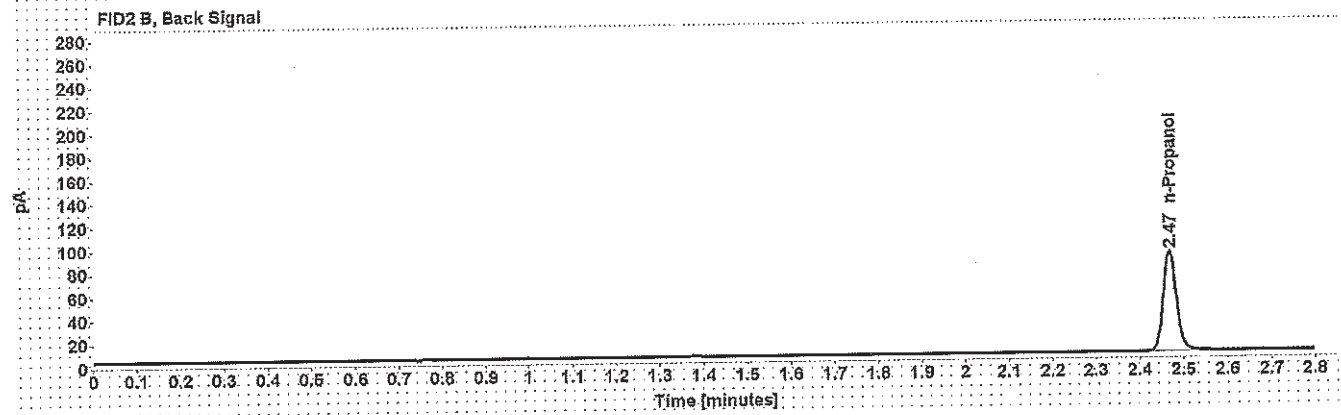
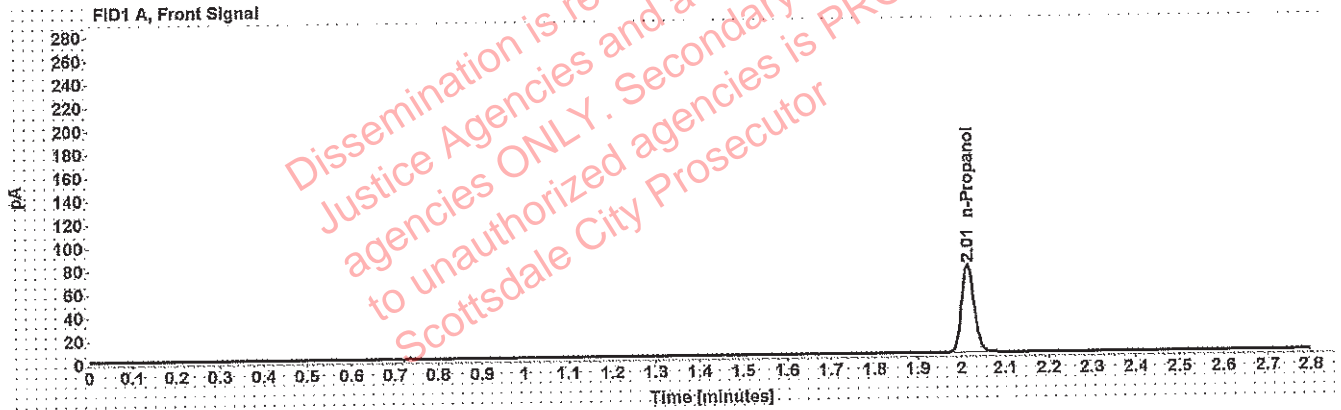


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | -----            | 2.014      | 150.957   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.468      | 178.510   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 020917                        | Vial:           | 6                    |
| Description: | Volatiles mix                 | LIMS ID:        |                      |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 3:34:56 PM |
| Data file:   | C:\Chem32\11\Data\25Jun19\6.D | Analyst:        | Adrian               |

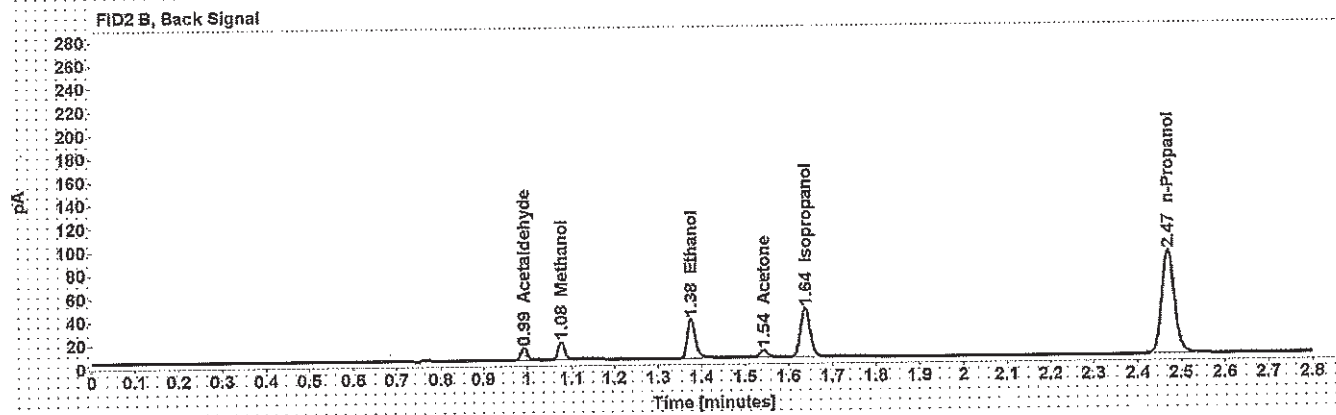
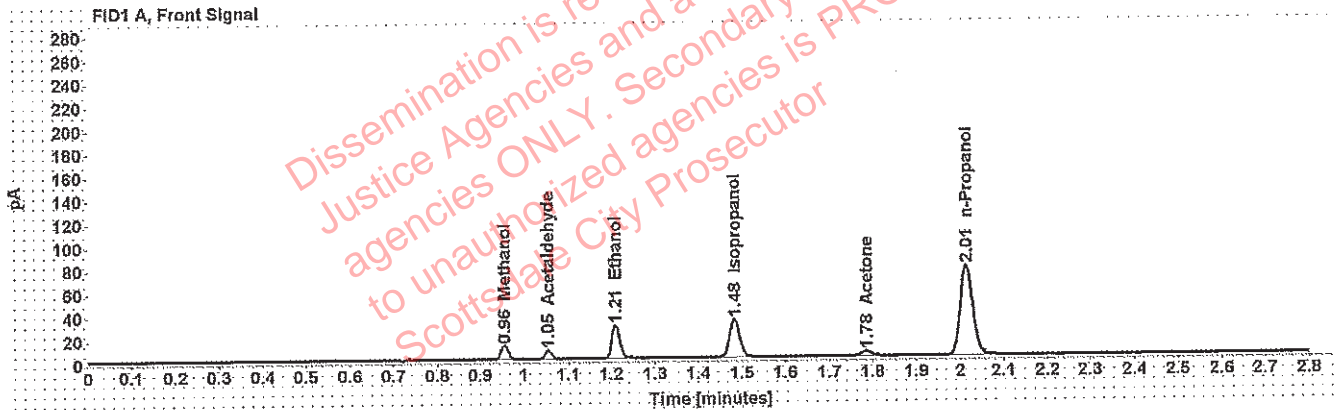


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Methanol     | -----            | 0.956      | 13.211    |
| Acetaldehyde | -----            | 1.054      | 7.594     |
| >Ethanol     | 0.0592           | 1.210      | 36.017    |
| Isopropanol  | -----            | 1.483      | 52.050    |
| Acetone      | -----            | 1.785      | 6.728     |
| n-Propanol   | -----            | 2.015      | 155.001   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 9.793     |
| Methanol     | 1.077      | 16.558    |
| Ethanol      | 1.375      | 43.584    |
| Acetone      | 1.543      | 7.882     |
| Isopropanol  | 1.637      | 64.577    |
| n-Propanol   | 2.469      | 184.007   |



# Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                              |                 |                      |
|--------------|------------------------------|-----------------|----------------------|
| Sample:      | 08012015-C                   | Vial:           | 7                    |
| Description: | 0.400                        | LIMS ID:        |                      |
| Method:      | ethanol quant.M              | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045        | Injection date: | 6/25/2019 3:39:12 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\7.D | Analyst:        | Adrian               |

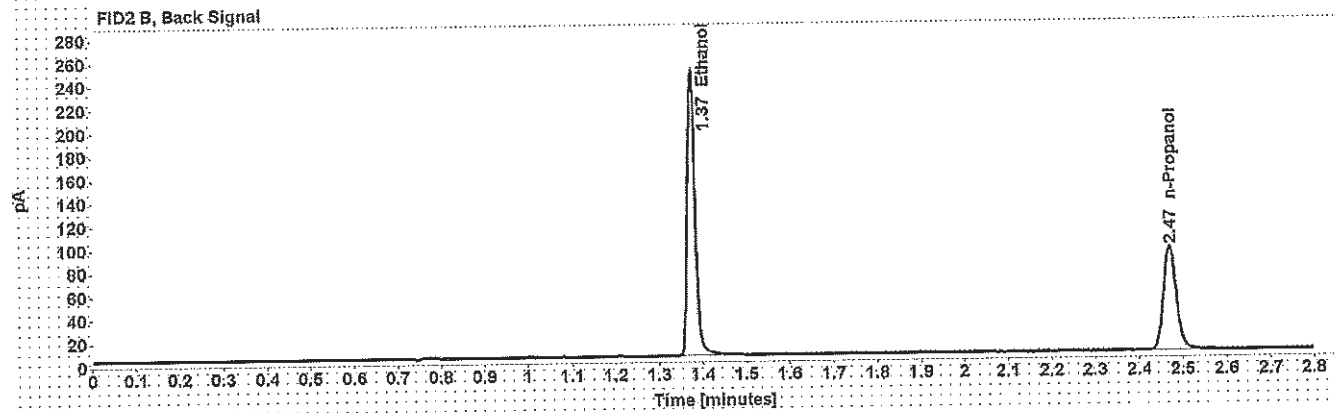
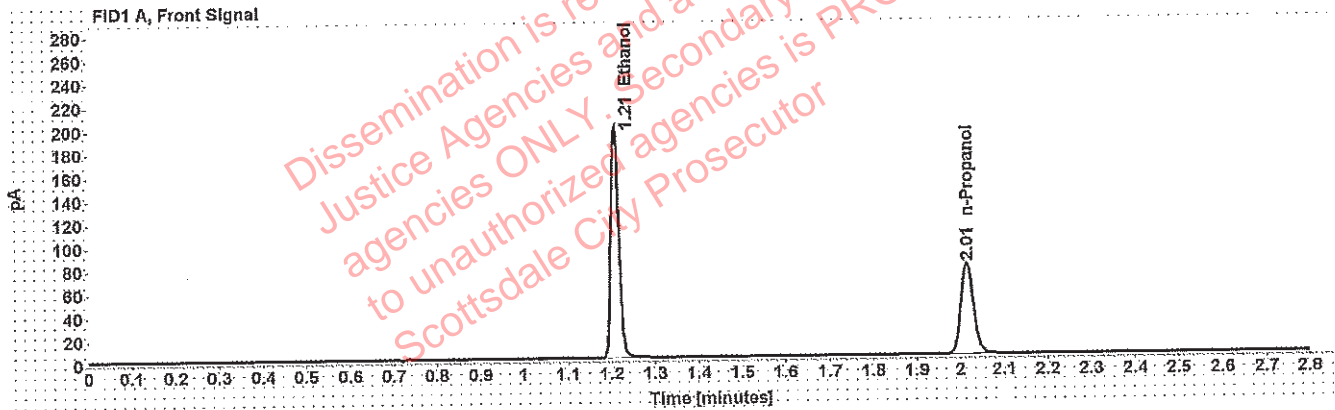


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount<br>(g/100mL) | Time<br>(min) | Peak<br>Area |
|------------|---------------------|---------------|--------------|
| >Ethanol   | 0.4033              | 1.208         | 253.110      |
| n-Propanol | -----               | 2.015         | 156.000      |

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

| Compound   | Time<br>(min) | Peak<br>Area |
|------------|---------------|--------------|
| Ethanol    | 1.374         | 310.427      |
| n-Propanol | 2.469         | 185.008      |

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

|              |                              |                 |                      |
|--------------|------------------------------|-----------------|----------------------|
| Sample:      | 09022015-A                   | Vial:           | 8                    |
| Description: | 0.040                        | LIMS ID:        |                      |
| Method:      | ethanol quant.M              | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045        | Injection date: | 6/25/2019 3:43:11 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\8.D | Analyst:        | Adrian               |

Dissemination is restricted to Criminal Justice Agencies and authorized agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

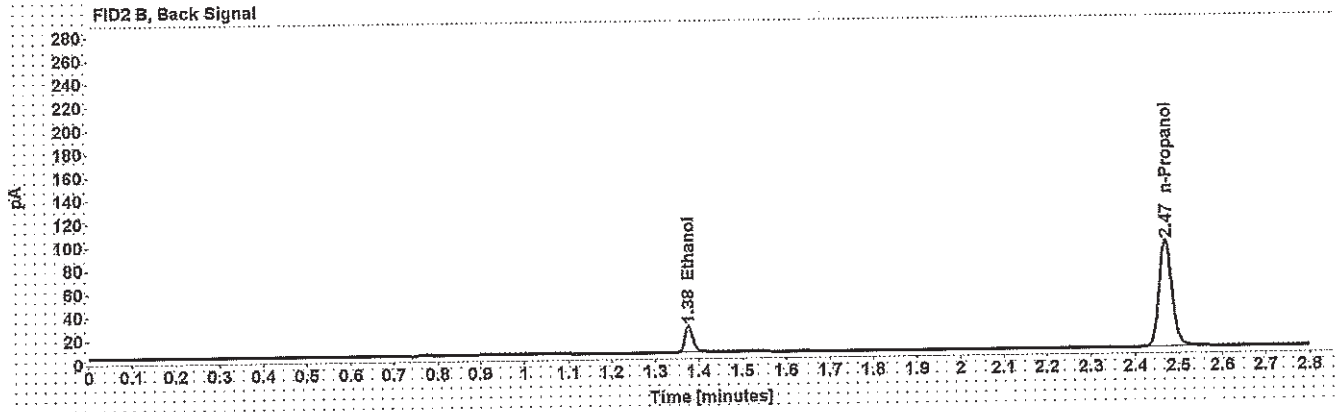
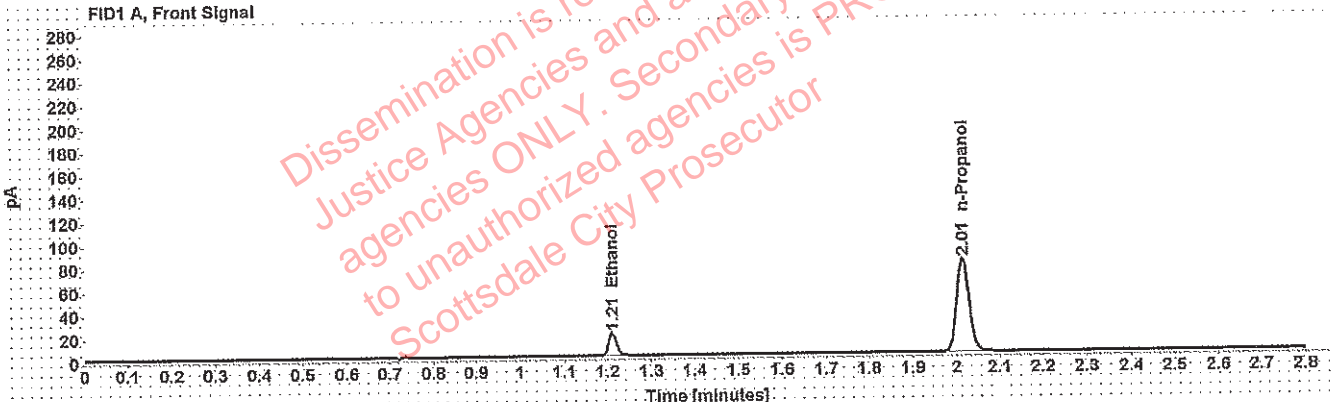


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.0400           | 1.211      | 24.725    |
| n-Propanol | -----            | 2.015      | 159.485   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.376      | 29.599    |
| n-Propanol | 2.469      | 189.211   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

|              |                              |                 |                      |
|--------------|------------------------------|-----------------|----------------------|
| Sample:      | 407041529/13                 | Vial:           | 9                    |
| Description: | 0.198                        | LIMS ID:        |                      |
| Method:      | ethanol quant.M              | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045        | Injection date: | 6/25/2019 3:47:12 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\9.D | Analyst:        | Adrian               |

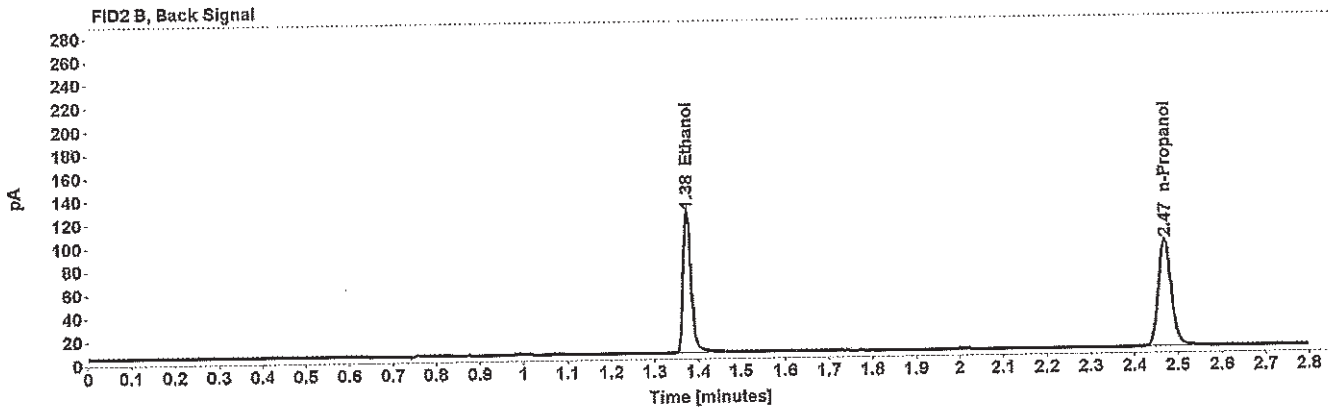
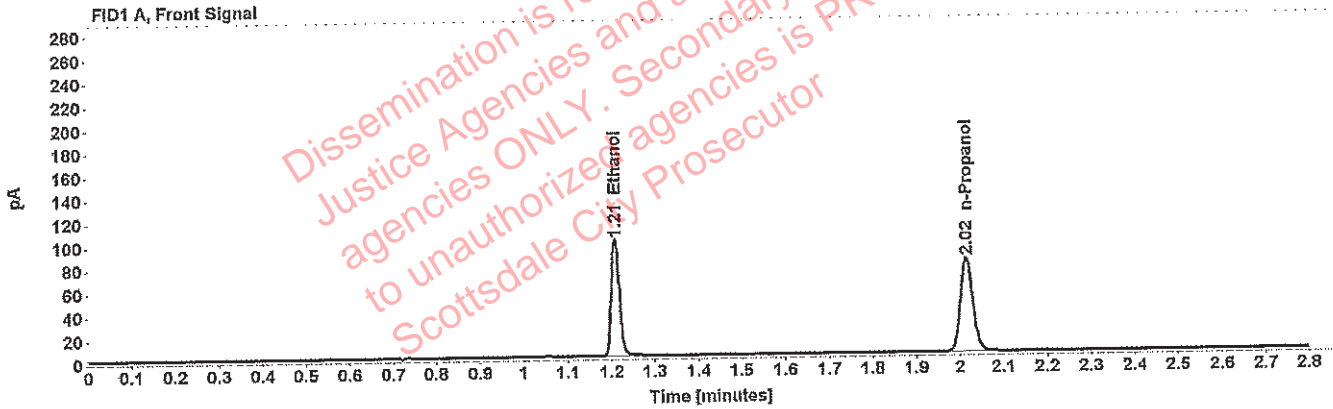


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1989           | 1.209      | 127.940   |
| n-Propanol | -----            | 2.015      | 160.528   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.375      | 155.944   |
| n-Propanol | 2.470      | 190.590   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 28082014-B                    | Vial:           | 20                   |
| Description: | 0.080                         | LIMS ID:        |                      |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 4:31:43 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\20.D | Analyst:        | Adrian               |

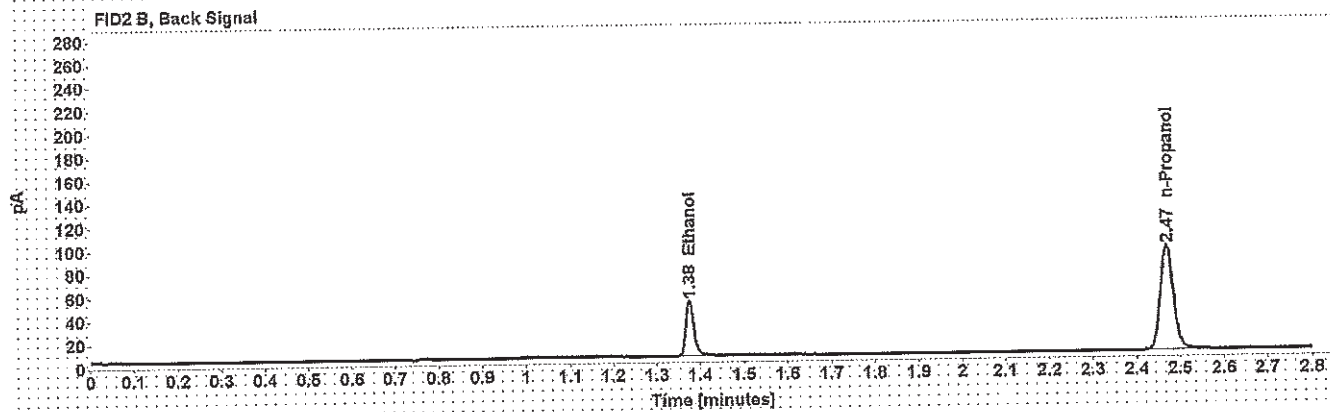
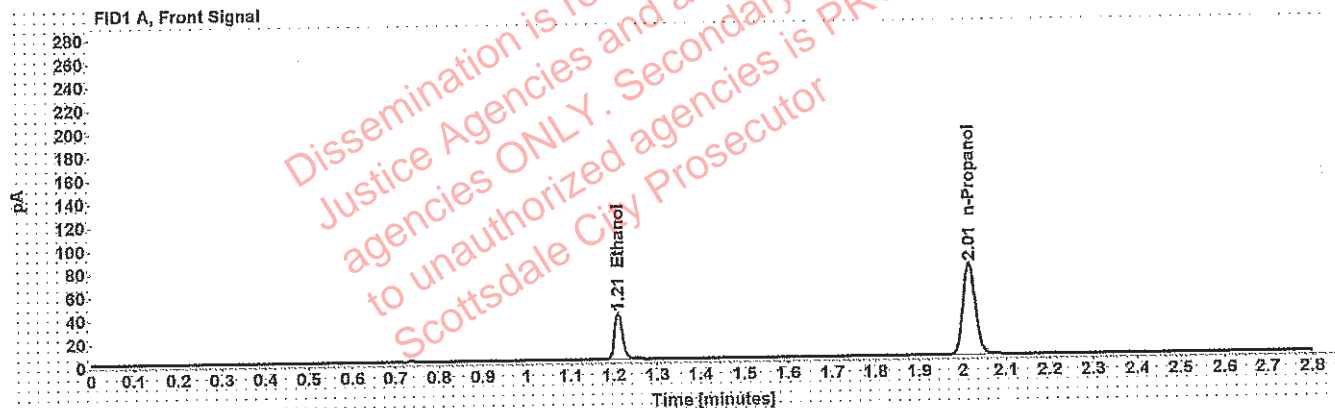


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.0813           | 1.210      | 50.592    |
| n-Propanol | -----            | 2.015      | 157.235   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.376      | 61.527    |
| n-Propanol | 2.469      | 186.505   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 09022015-C                    | Vial:           | 31                   |
| Description: | 0.150                         | LIMS ID:        |                      |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 5:16:11 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\31.D | Analyst:        | Adrian               |

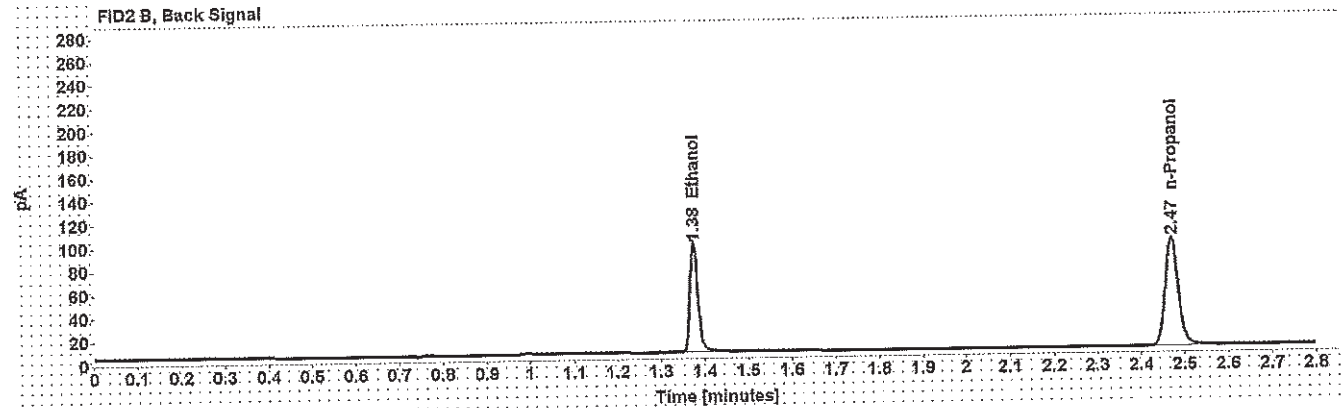
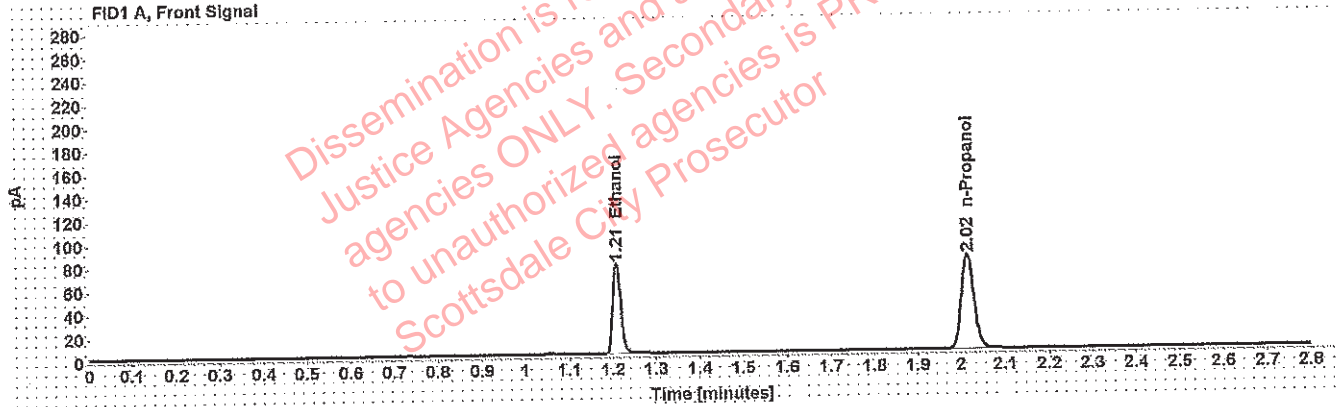


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1524           | 1.209      | 98.986    |
| n-Propanol | -----            | 2.015      | 162.572   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.375      | 120.577   |
| n-Propanol | 2.470      | 193.321   |



# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 407041529/13                  | Vial:           | 42                   |
| Description: | 0.198                         | LIMS ID:        |                      |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 6:00:26 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\42.D | Analyst:        | Adrian               |

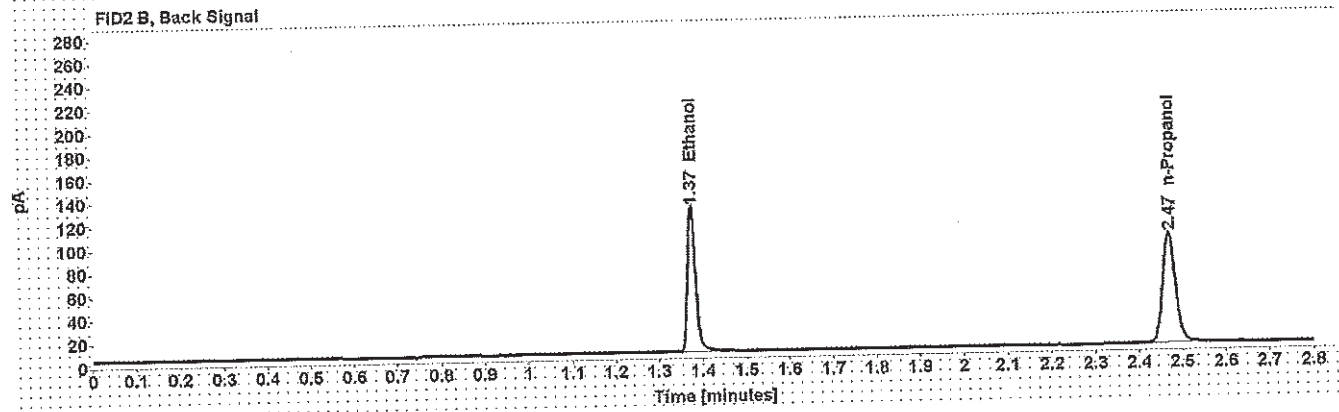
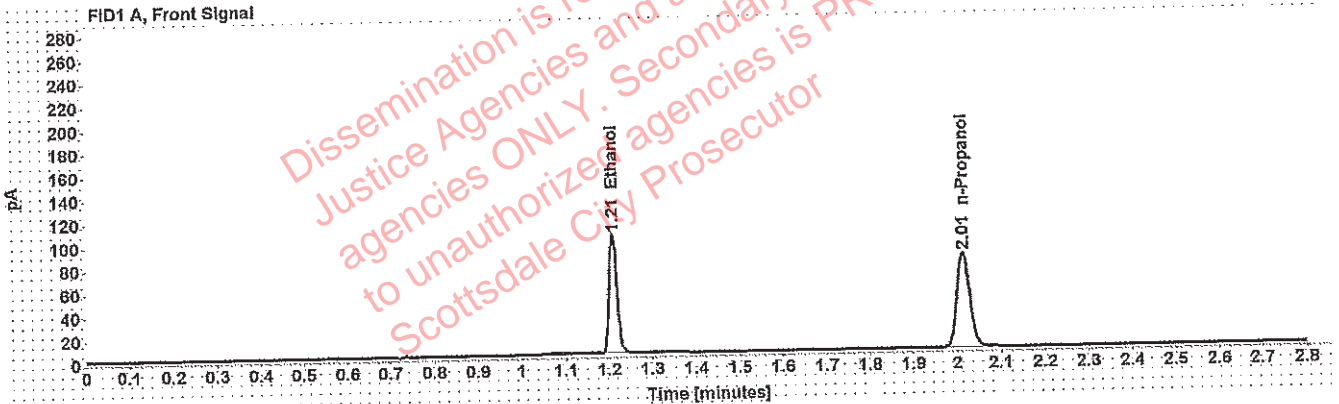


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1998           | 1.209      | 130.800   |
| n-Propanol | -----            | 2.015      | 163.384   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.375      | 160.786   |
| n-Propanol | 2.469      | 198.195   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 28082014-B                    | Vial:           | 53                   |
| Description: | 0.080                         | LIMS ID:        |                      |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 6:44:58 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\53.D | Analyst:        | Adrian               |

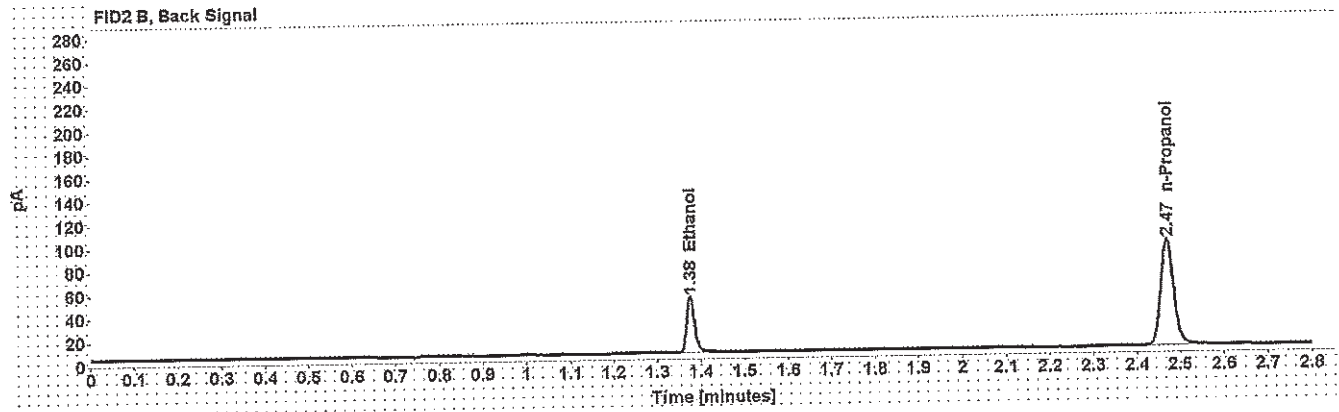
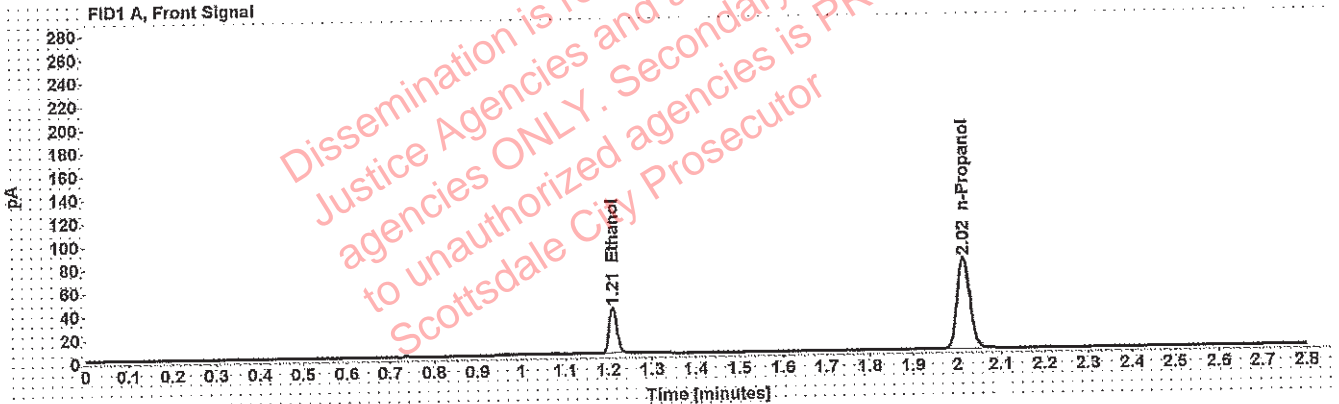


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.0811           | 1.210      | 50.357    |
| n-Propanol | -----            | 2.015      | 156.809   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.376      | 61.868    |
| n-Propanol | 2.470      | 190.468   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

|  |                                      |
|--|--------------------------------------|
| Sample: 08012015-C                       | Vial: 58                             |
| Description: 0.400                       | LIMS ID:                             |
| Method: ethanol quant.M                  | Sequence: 25Jun19                    |
| Instrument: US14173023 CN14160045        | Injection date: 6/25/2019 7:05:14 PM |
| Data file: C:\Chem32\1\Data\25Jun19\58.D | Analyst: Adrian                      |

Dissemination is restricted to Criminal Justice Agencies and authorized agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

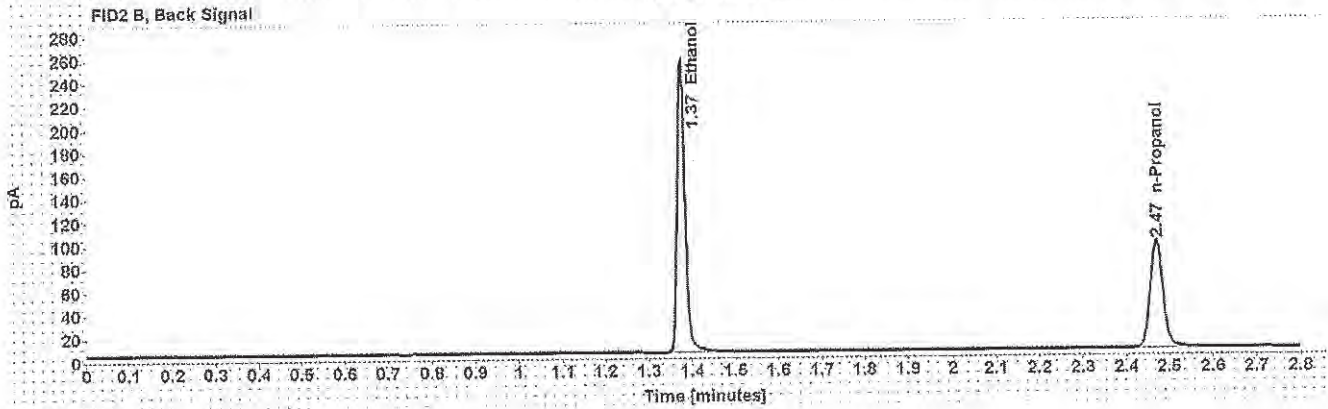
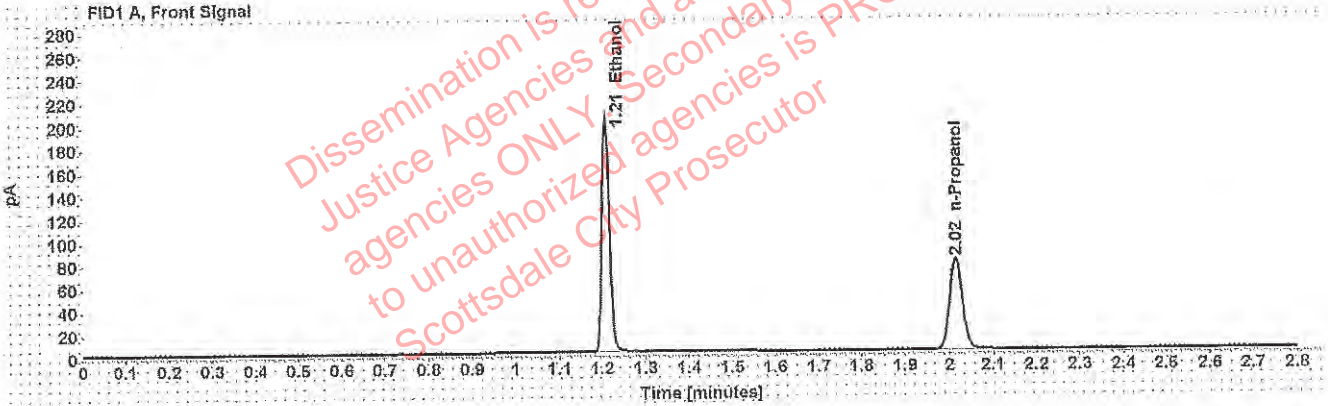


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.4048           | 1.208      | 258.370   |
| n-Propanol | ---              | 2.015      | 158.636   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.375      | 319.118   |
| n-Propanol | 2.470      | 193.005   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 09022015-A                    | Vial:           | 59                   |
| Description: | 0.040                         | LIMS ID:        |                      |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 7:09:13 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\59.D | Analyst:        | Adrian               |

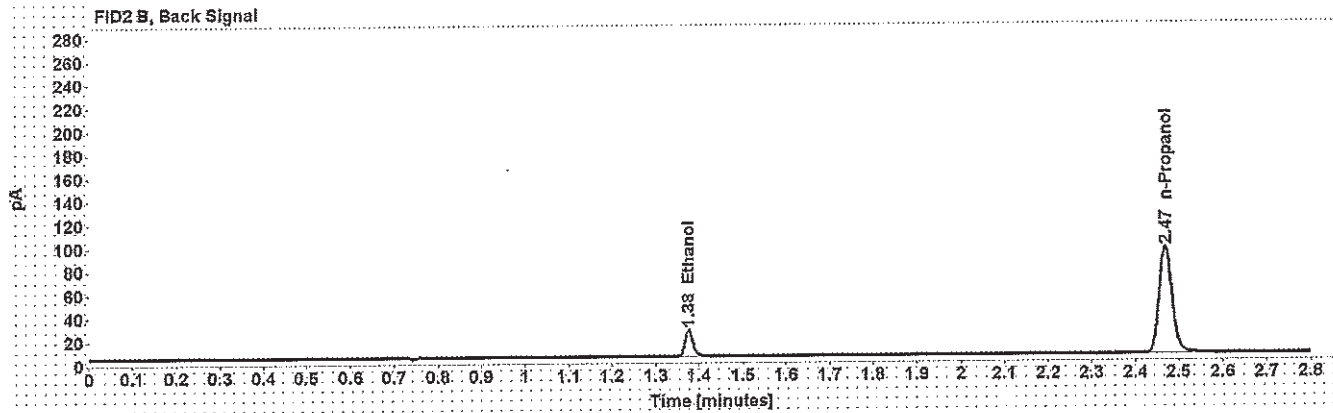
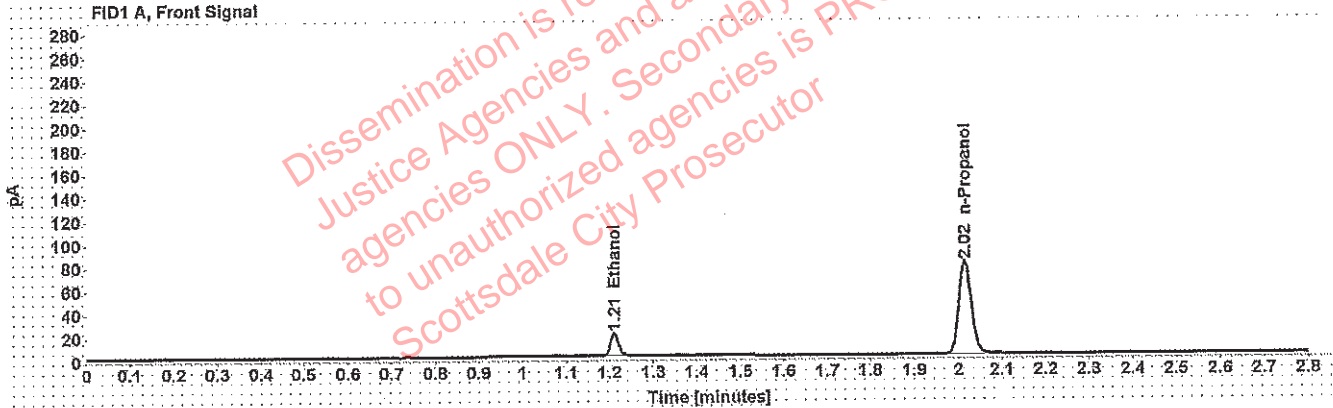


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.0399           | 1.211      | 24.488    |
| n-Propanol | -----            | 2.015      | 158.673   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.376      | 29.712    |
| n-Propanol | 2.470      | 190.720   |



# Scottsdale Police Department Crime Lab Volatiles Analysis

wA

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 407041529/13                  | Vial:           | 60                   |
| Description: | 0.198                         | LIMS ID:        |                      |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 7:13:12 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\60.D | Analyst:        | Adrian               |

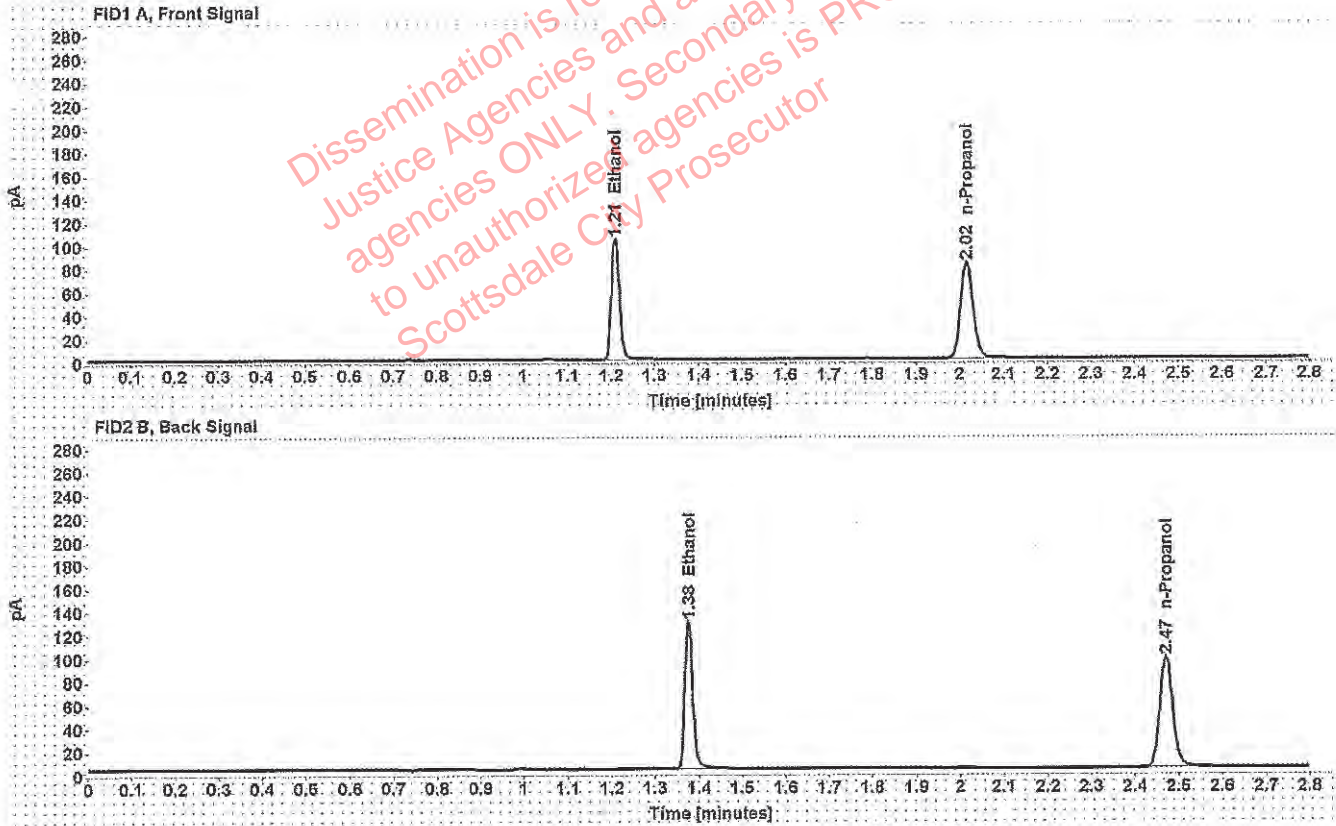


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2011           | 1.209      | 132.531   |
| n-Propanol | -----            | 2.016      | 164.452   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.376      | 162.529   |
| n-Propanol | 2.470      | 197.408   |



# Scottsdale Police Department Crime Lab Volatiles Analysis

WA

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 040919WB                      | Vial:           | 61                   |
| Description: | Negative                      | LIMS ID:        |                      |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 7:17:27 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\61.D | Analyst:        | Adrian               |

Dissemination is restricted to Criminal Justice Agencies and authorized agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

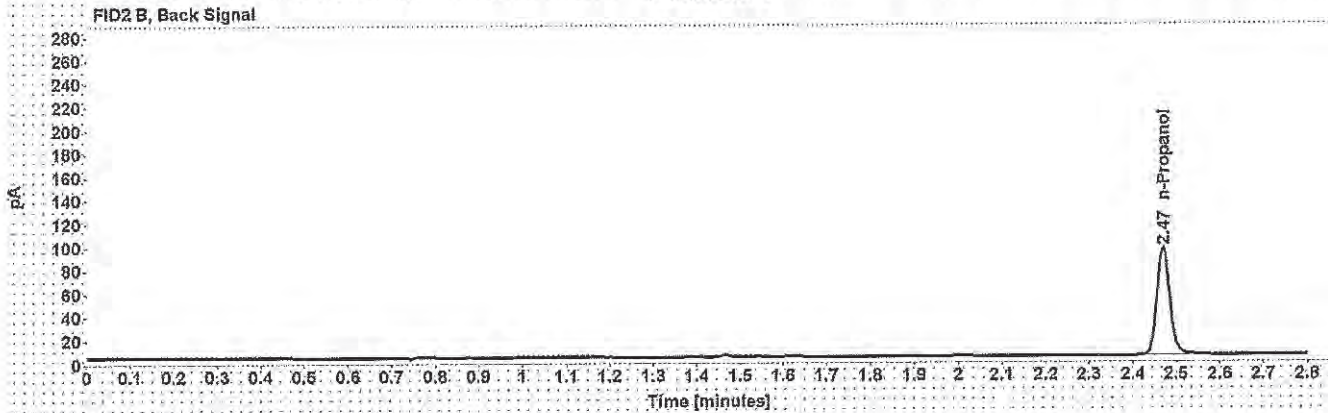
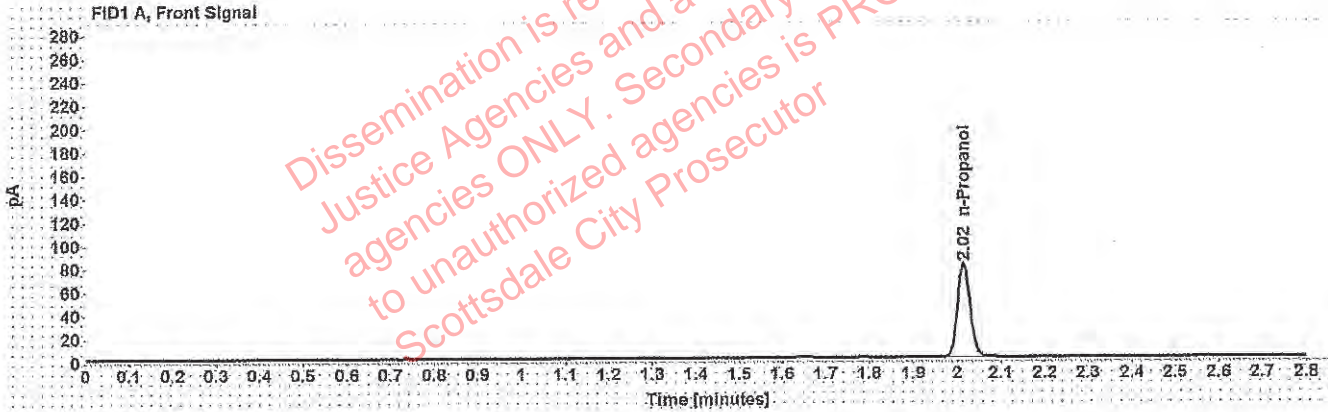


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | ----             | 2.015      | 160.072   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.470      | 191.830   |



# Sequence Summary

WA

Sequence name: 25Jun19      Instrument: US14173023 CN14160045      Analyst: Adrian

| Vial | Sample       | Description      | Type        | LIMS ID | Method          |
|------|--------------|------------------|-------------|---------|-----------------|
| 1    | FN03241604   | 0.020 calibrator | Calibration |         | ethanol quant.M |
| 2    | FN02271802   | 0.100 calibrator | Calibration |         | ethanol quant.M |
| 3    | FN06231704   | 0.200 calibrator | Calibration |         | ethanol quant.M |
| 4    | FN05131606   | 0.400 calibrator | Calibration |         | ethanol quant.M |
| 5    | 051619       | Negative         | Control     |         | ethanol quant.M |
| 6    | 020917       | Volatiles mix    | Control     |         | ethanol quant.M |
| 7    | 08012015-C   | 0.400            | Control     |         | ethanol quant.M |
| 8    | 09022015-A   | 0.040            | Control     |         | ethanol quant.M |
| 9    | 407041529/13 | 0.198            | Control     |         | ethanol quant.M |
| 10   |              |                  | Sample      |         | ethanol quant.M |
| 11   |              |                  | Sample      |         | ethanol quant.M |
| 12   |              |                  | Sample      |         | ethanol quant.M |
| 13   |              |                  | Sample      |         | ethanol quant.M |
| 14   |              |                  | Sample      |         | ethanol quant.M |
| 15   |              |                  | Sample      |         | ethanol quant.M |
| 16   |              |                  | Sample      |         | ethanol quant.M |
| 17   |              |                  | Sample      |         | ethanol quant.M |
| 18   |              |                  | Sample      |         | ethanol quant.M |
| 19   |              |                  | Sample      |         | ethanol quant.M |
| 20   | 28082014-B   | 0.080            | Control     |         | ethanol quant.M |
| 21   |              |                  | Sample      |         | ethanol quant.M |
| 22   |              |                  | Sample      |         | ethanol quant.M |
| 23   |              |                  | Sample      |         | ethanol quant.M |
| 24   |              |                  | Sample      |         | ethanol quant.M |
| 25   |              |                  | Sample      |         | ethanol quant.M |
| 26   |              |                  | Sample      |         | ethanol quant.M |
| 27   |              |                  | Sample      |         | ethanol quant.M |
| 28   |              |                  | Sample      |         | ethanol quant.M |
| 29   |              |                  | Sample      |         | ethanol quant.M |
| 30   |              |                  | Sample      |         | ethanol quant.M |
| 31   | 09022015-C   | 0.150            | Control     |         | ethanol quant.M |
| 32   |              |                  | Sample      |         | ethanol quant.M |
| 33   |              |                  | Sample      |         | ethanol quant.M |
| 34   |              |                  | Sample      |         | ethanol quant.M |
| 35   |              |                  | Sample      |         | ethanol quant.M |
| 36   |              |                  | Sample      |         | ethanol quant.M |
| 37   |              |                  | Sample      |         | ethanol quant.M |
| 38   |              |                  | Sample      |         | ethanol quant.M |
| 39   |              |                  | Sample      |         | ethanol quant.M |
| 40   |              |                  | Sample      |         | ethanol quant.M |
| 41   |              |                  | Sample      |         | ethanol quant.M |
| 42   | 407041529/13 | 0.198            | Control     |         | ethanol quant.M |
| 43   |              |                  | Sample      |         | ethanol quant.M |
| 44   |              |                  | Sample      |         | ethanol quant.M |
| 45   |              |                  | Sample      |         | ethanol quant.M |
| 46   |              |                  | Sample      |         | ethanol quant.M |
| 47   |              |                  | Sample      |         | ethanol quant.M |

## Sequence Summary

25 Jun 19 WA81570  
6/26/19

WA

|    |              |          |         |  |                 |
|----|--------------|----------|---------|--|-----------------|
| 48 |              |          | Sample  |  | ethanol quant.M |
| 49 |              |          | Sample  |  | ethanol quant.M |
| 50 |              |          | Sample  |  | ethanol quant.M |
| 51 |              |          | Sample  |  | ethanol quant.M |
| 52 |              |          | Sample  |  | ethanol quant.M |
| 53 | 28082014-B   | 0.080    | Control |  | ethanol quant.M |
| 54 |              |          | Sample  |  | ethanol quant.M |
| 55 |              |          | Sample  |  | ethanol quant.M |
| 56 |              |          | Sample  |  | ethanol quant.M |
| 57 |              |          | Sample  |  | ethanol quant.M |
| 58 | 08012015-C   | 0.400    | Control |  | ethanol quant.M |
| 59 | 09022015-A   | 0.040    | Control |  | ethanol quant.M |
| 60 | 407041529/13 | 0.198    | Control |  | ethanol quant.M |
| 61 | 040919WB     | Negative | Control |  | ethanol quant.M |

Dissemination is restricted to Criminal Justice Agencies and authorized agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor



# Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 25Jun19

ANALYST: Adrian WA

| Vials | Test 1 (g/dL) | Test 2 (g/dL) | Mean (g/dL) | Percent Difference* | Absolute Difference (g/dL)* |
|-------|---------------|---------------|-------------|---------------------|-----------------------------|
| 10 11 | 0.1799        | 0.1805        | 0.18020     | 0.17                | 0.00030                     |
| 12 13 | 0.1643        | 0.1649        | 0.16460     | 0.18                | 0.00030                     |
| 14 15 | 0.1906        | 0.1901        | 0.19035     | 0.13                | 0.00025                     |
| 16 17 | 0.2143        | 0.2139        | 0.21410     | 0.09                | 0.00020                     |
| 18 19 | 0.1968        | 0.1975        | 0.19715     | 0.18                | 0.00035                     |
| 21 22 | 0.2055        | 0.2055        | 0.20550     | 0.00                | 0.00000                     |
| 23 24 | 0.1969        | 0.1977        | 0.19730     | 0.20                | 0.00040                     |
| 25 26 | 0.1035        | 0.1040        | 0.10375     | 0.24                | 0.00025                     |
| 27 28 | 0.0287        | 0.0289        | 0.02880     | 0.35                | 0.00010                     |
| 29 30 | 0.1475        | 0.1477        | 0.14760     | 0.07                | 0.00010                     |
| 32 33 | 0.2078        | 0.2075        | 0.20765     | 0.07                | 0.00015                     |
| 34 35 | 0.2329        | 0.2323        | 0.23260     | 0.13                | 0.00030                     |
| 36 37 | 0.2007        | 0.1996        | 0.20015     | 0.27                | 0.00055                     |
| 38 39 | 0.0000        | 0.0000        | 0.00000     | 0.00                | 0.00000                     |
| 40 41 | 0.1264        | 0.1266        | 0.12650     | 0.08                | 0.00010                     |
| 43 44 | 0.2261        | 0.2252        | 0.22565     | 0.20                | 0.00045                     |
| 45 46 | 0.2290        | 0.2293        | 0.22915     | 0.07                | 0.00015                     |
| 47 48 | 0.0904        | 0.0902        | 0.09030     | 0.11                | 0.00010                     |
| 49 50 | 0.0833        | 0.0833        | 0.08330     | 0.00                | 0.00000                     |
| 51 52 | 0.1216        | 0.1213        | 0.12145     | 0.12                | 0.00015                     |
| 54 55 | 0.2053        | 0.2056        | 0.20545     | 0.07                | 0.00015                     |
| 56 57 | 0.1505        | 0.1500        | 0.15025     | 0.17                | 0.00025                     |

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



Adrian, William - (26-Jun-2019)

Case: User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      |                               | Vial:           | 10                   |
| Description: |                               | LIMS ID:        |                      |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 3:51:11 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\10.D | Analyst:        | Adrian               |

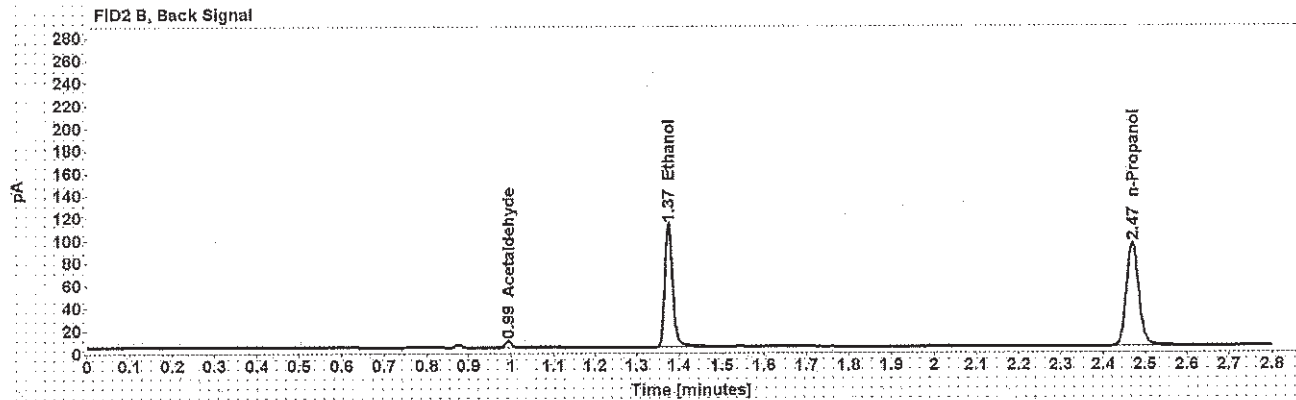
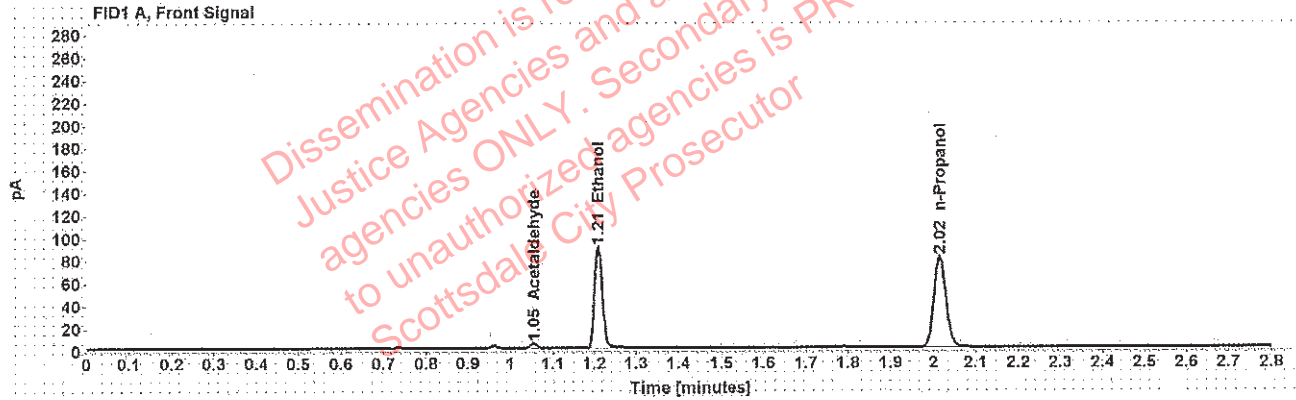


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 4.423     |
| >Ethanol     | 0.1799           | 1.209      | 115.238   |
| n-Propanol   | -----            | 2.015      | 160.056   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 5.698     |
| Ethanol      | 1.375      | 140.502   |
| n-Propanol   | 2.469      | 189.297   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 11                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 3:55:13 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\11.D | Analyst:        | Adrian               |

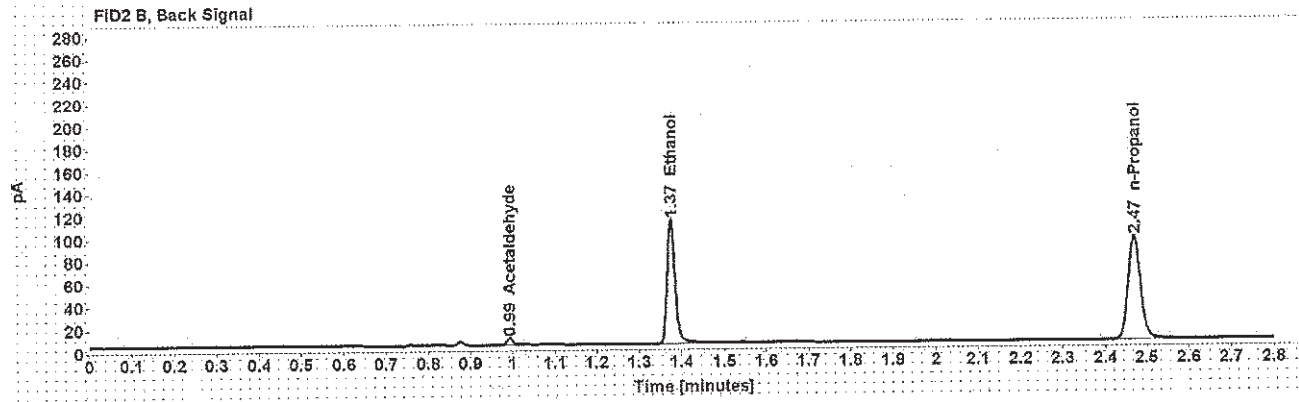
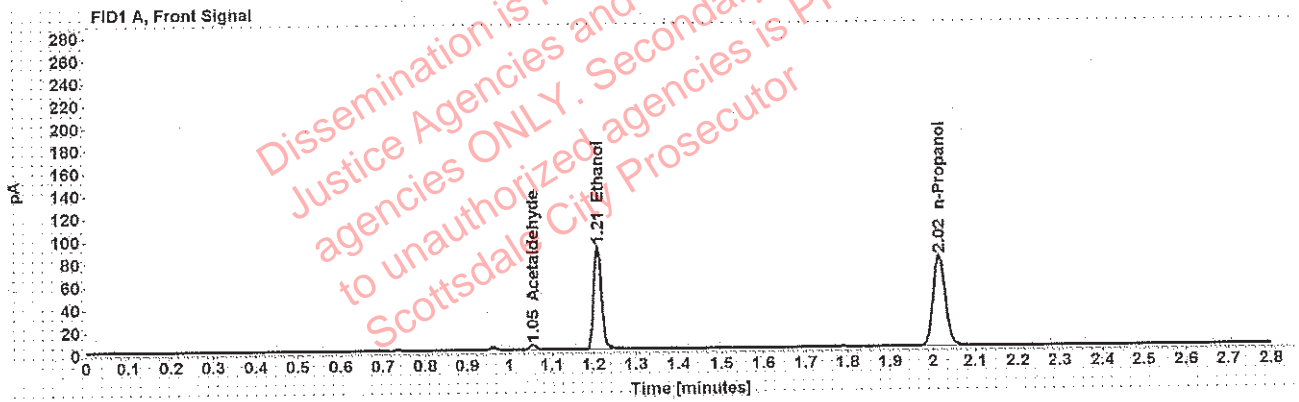


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 4.451     |
| >Ethanol     | 0.1805           | 1.209      | 115.529   |
| n-Propanol   | -----            | 2.015      | 159.871   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 5.761     |
| Ethanol      | 1.375      | 140.447   |
| n-Propanol   | 2.469      | 188.954   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 12                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 3:59:11 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\12.D | Analyst:        | Adrian               |

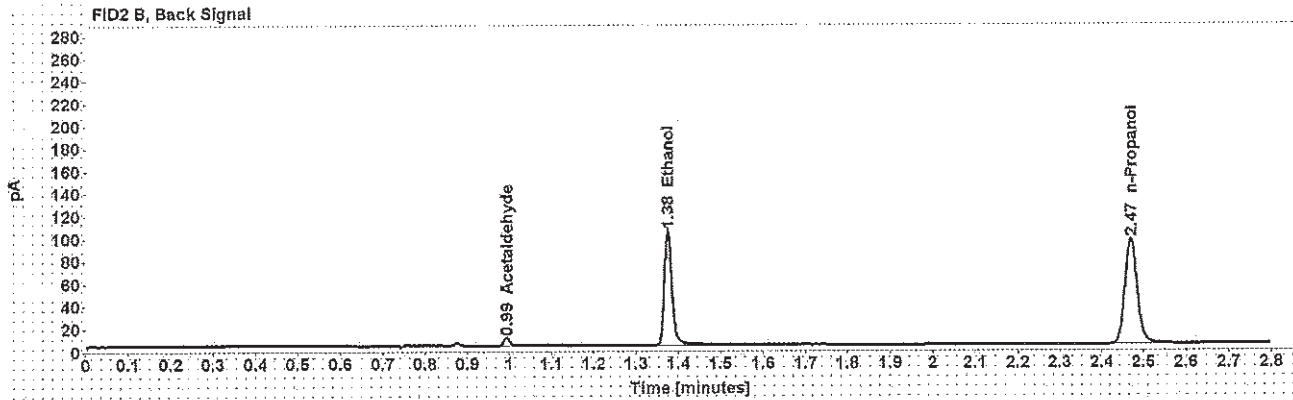
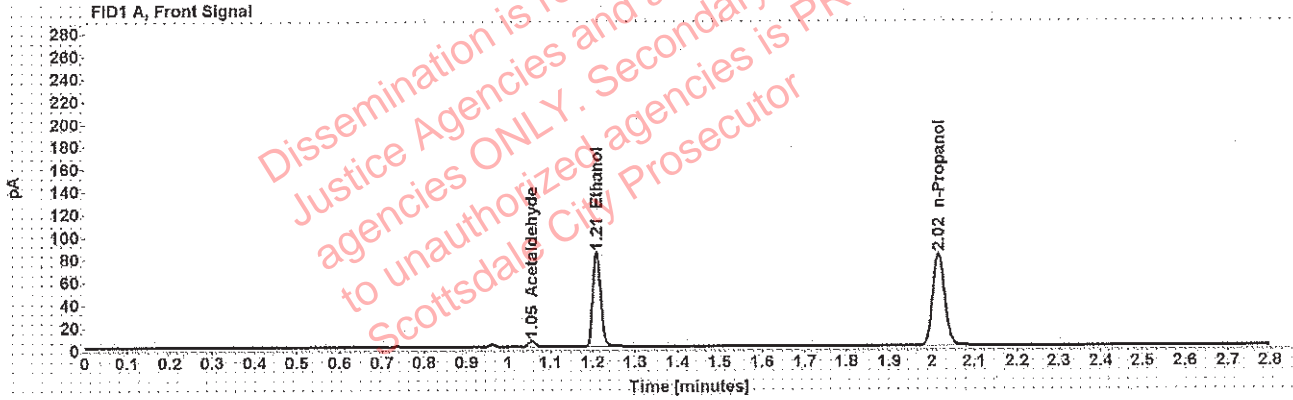


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 5.322     |
| >Ethanol     | 0.1643           | 1.209      | 107.046   |
| n-Propanol   | -----            | 2.015      | 162.954   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 6.869     |
| Ethanol      | 1.375      | 131.773   |
| n-Propanol   | 2.470      | 193.875   |

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 13                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 4:03:26 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\13.D | Analyst:        | Adrian               |

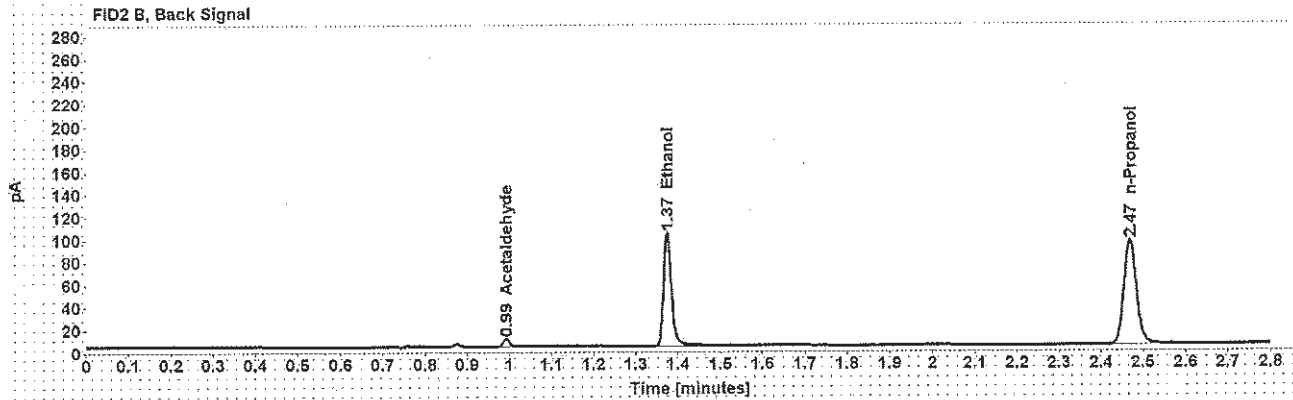
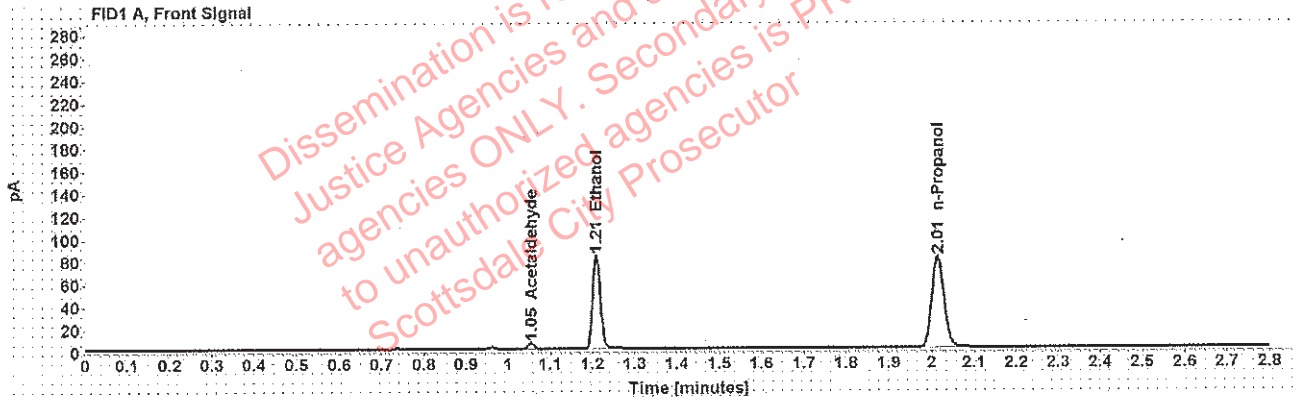


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 5.165     |
| >Ethanol     | 0.1649           | 1.209      | 106.379   |
| n-Propanol   | -----            | 2.015      | 161.290   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 6.674     |
| Ethanol      | 1.375      | 130.864   |
| n-Propanol   | 2.469      | 191.705   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 14                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 4:07:26 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\14.D | Analyst:        | Adrian               |

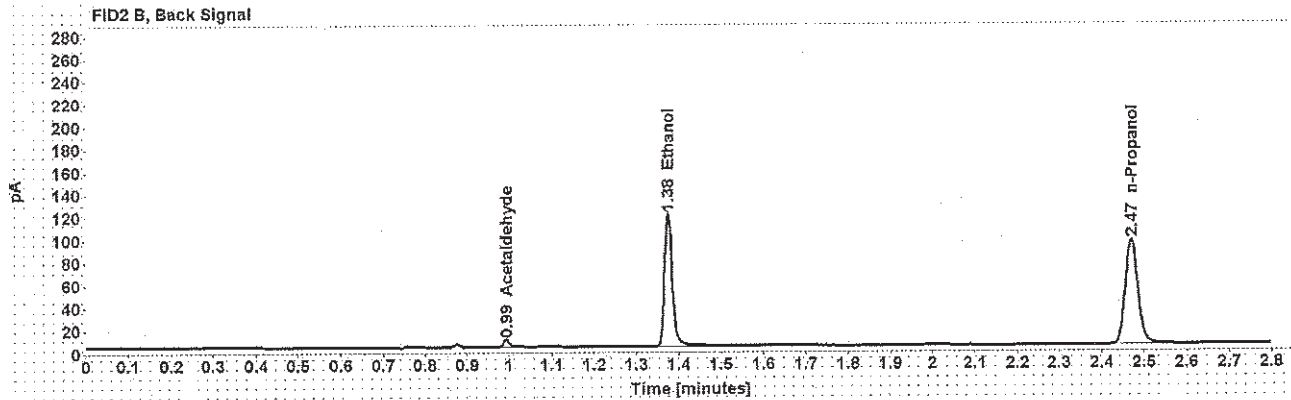
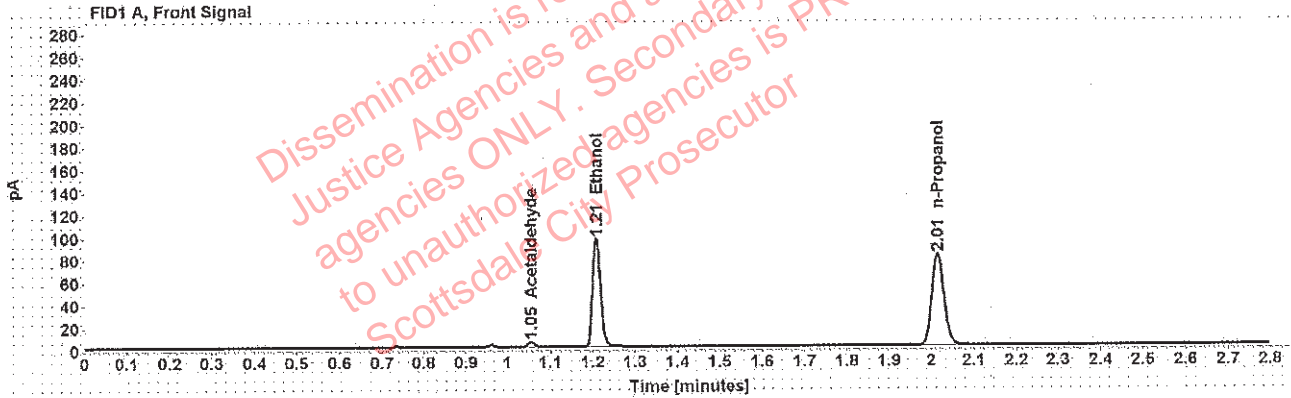


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 4.575     |
| >Ethanol     | 0.1906           | 1.209      | 123.563   |
| n-Propanol   | -----            | 2.015      | 161.862   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 5.932     |
| Ethanol      | 1.375      | 151.847   |
| n-Propanol   | 2.469      | 192.180   |



### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 15                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 4:11:27 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\15.D | Analyst:        | Adrian               |

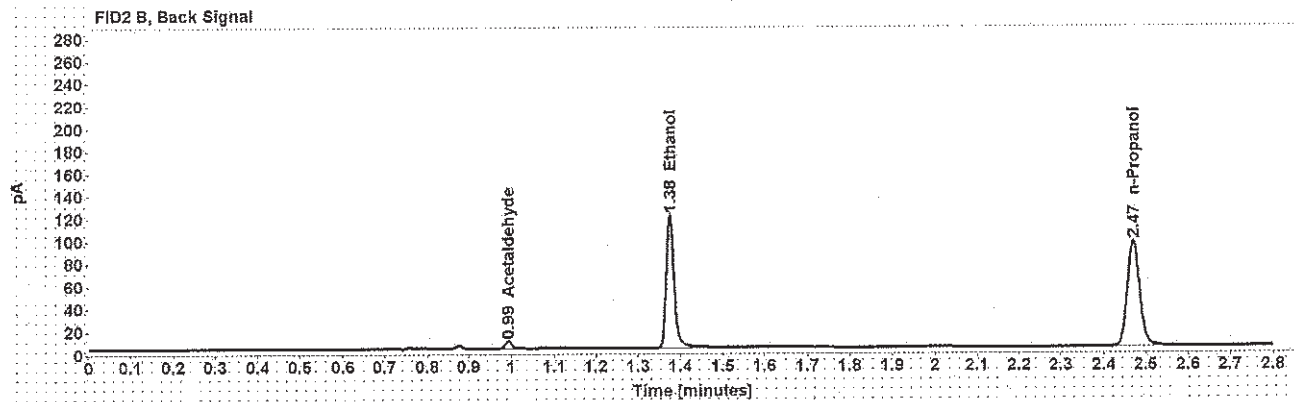
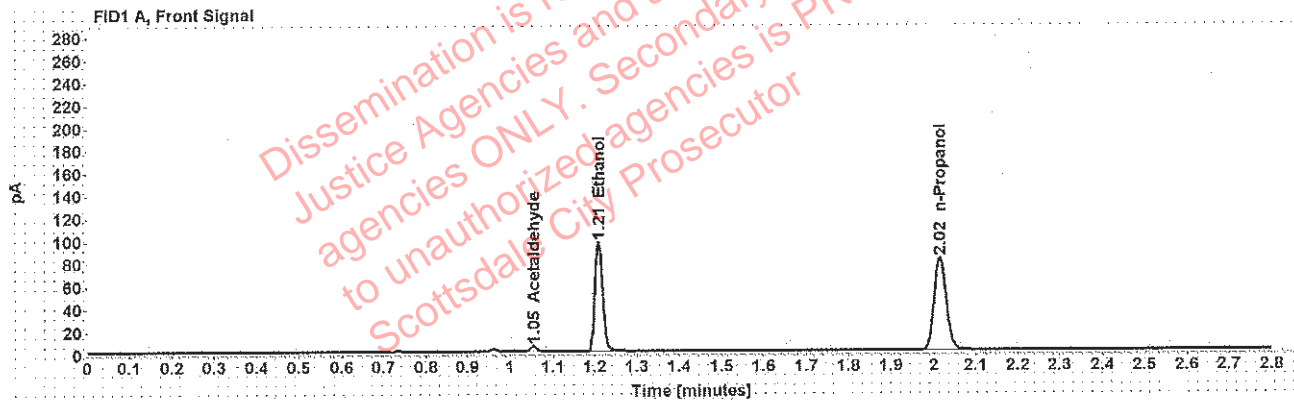


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 4.645     |
| >Ethanol     | 0.1901           | 1.209      | 123.794   |
| n-Propanol   | -----            | 2.015      | 162.638   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 6.029     |
| Ethanol      | 1.375      | 152.528   |
| n-Propanol   | 2.470      | 193.189   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 16                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 4:15:27 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\16.D | Analyst:        | Adrian               |

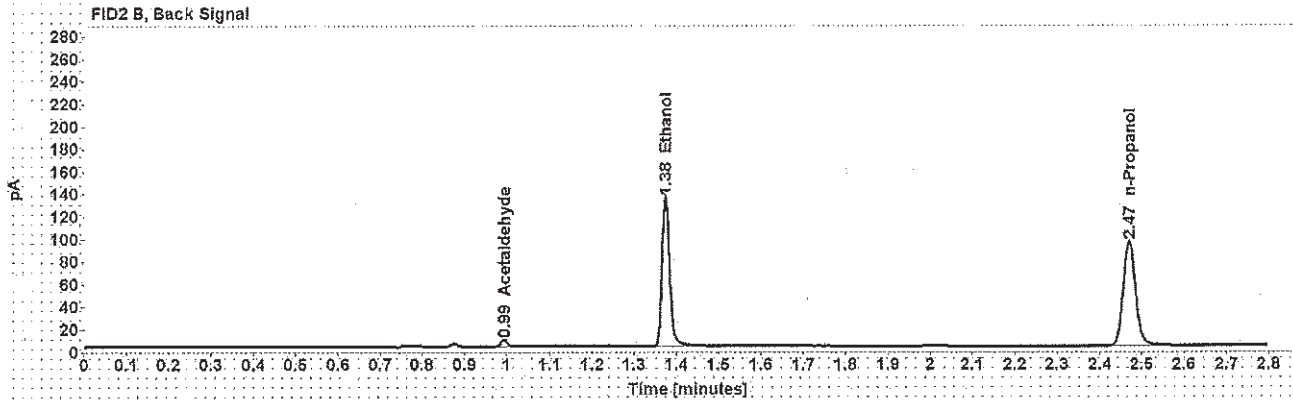
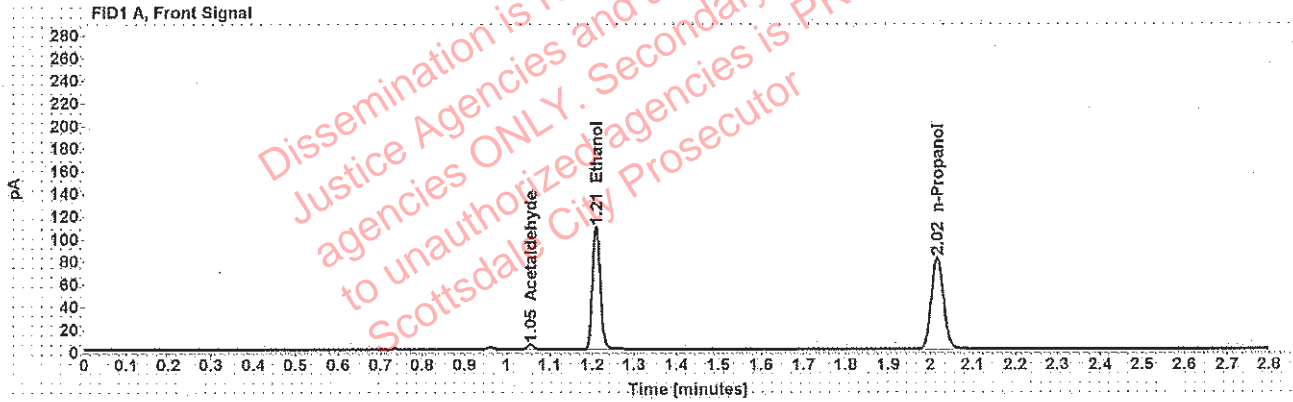


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 4.480     |
| >Ethanol     | 0.2143           | 1.209      | 139.005   |
| n-Propanol   | -----            | 2.015      | 161.792   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 5.815     |
| Ethanol      | 1.375      | 169.002   |
| n-Propanol   | 2.470      | 191.574   |

Adrian, William - (26-Jun-2019)

Case: User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      |                               | Vial:           | 17                   |
| Description: |                               | LIMS ID:        |                      |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 4:19:26 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\17.D | Analyst:        | Adrian               |

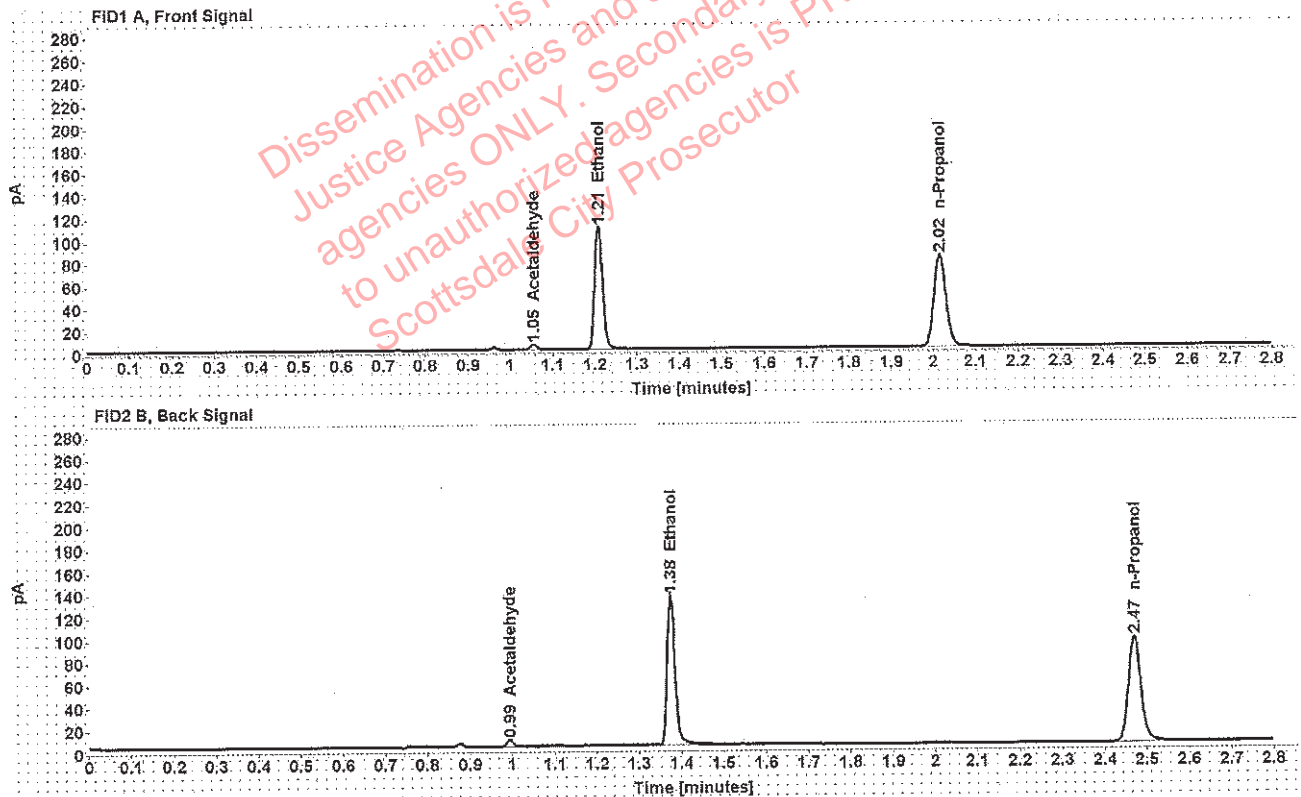


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 4.559     |
| >Ethanol     | 0.2139           | 1.209      | 140.170   |
| n-Propanol   | -----            | 2.015      | 163.462   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.994      | 5.932     |
| Ethanol      | 1.375      | 170.603   |
| n-Propanol   | 2.470      | 194.149   |

Adrian, William - (26-Jun-2019)

Case: User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      |                               | Vial:           | 18                   |
| Description: |                               | LIMS ID:        |                      |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 4:23:27 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\18.D | Analyst:        | Adrian               |

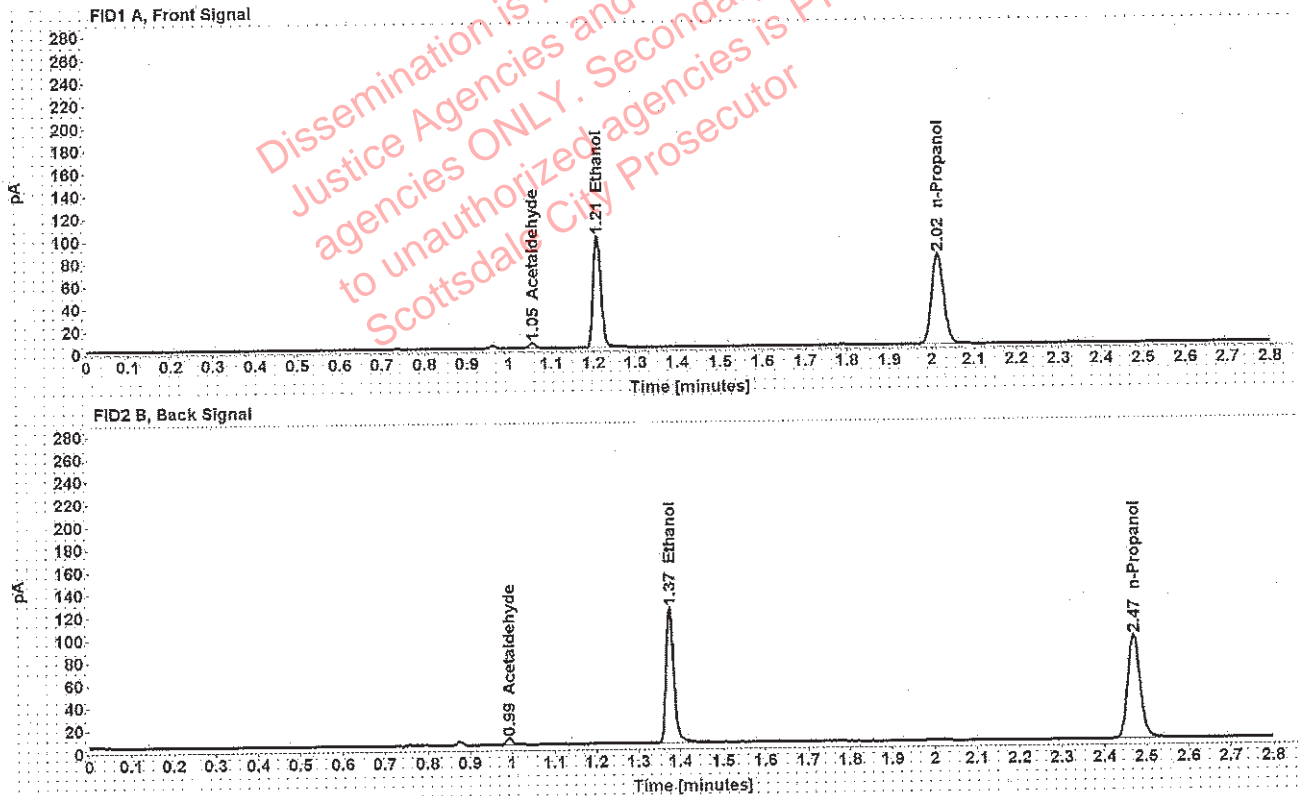


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 4.532     |
| >Ethanol     | 0.1968           | 1.209      | 126.478   |
| n-Propanol   | -----            | 2.015      | 160.394   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 5.867     |
| Ethanol      | 1.375      | 155.340   |
| n-Propanol   | 2.470      | 190.475   |

Adrian, William - (26-Jun-2019)

Case: User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      |                               | Vial:           | 19                   |
| Description: |                               | LIMS ID:        |                      |
| Method:      | ethanol.quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 4:27:42 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\19.D | Analyst:        | Adrian               |

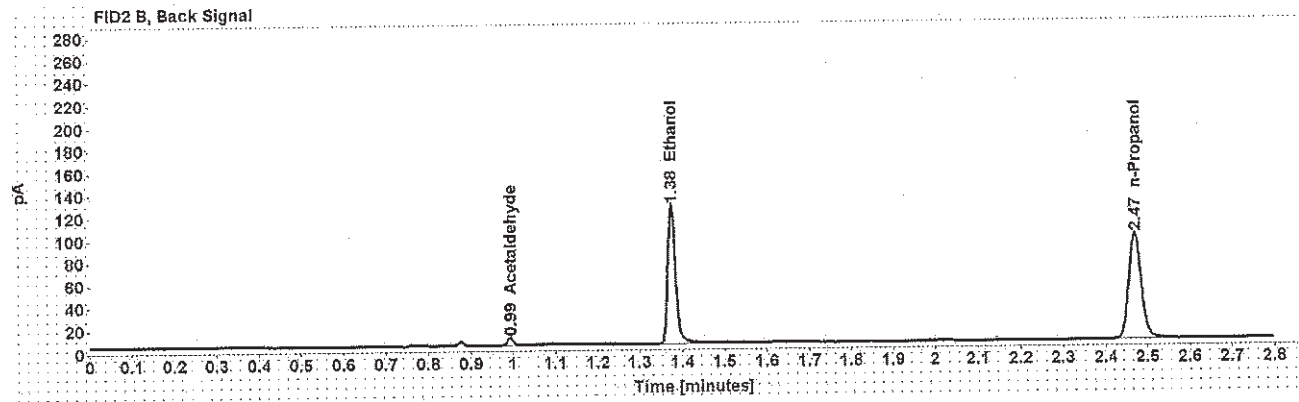
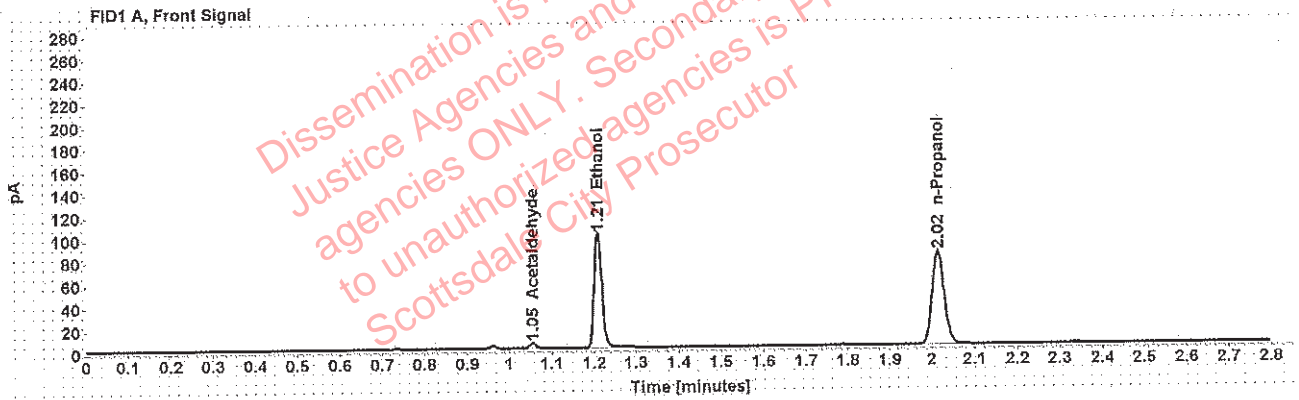


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 4.631     |
| >Ethanol     | 0.1975           | 1.209      | 129,616   |
| n-Propanol   | -----            | 2.015      | 163,796   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 5,996     |
| Ethanol      | 1.375      | 159,200   |
| n-Propanol   | 2.469      | 194,419   |



### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 21                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 4:35:42 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\21.D | Analyst:        | Adrian               |

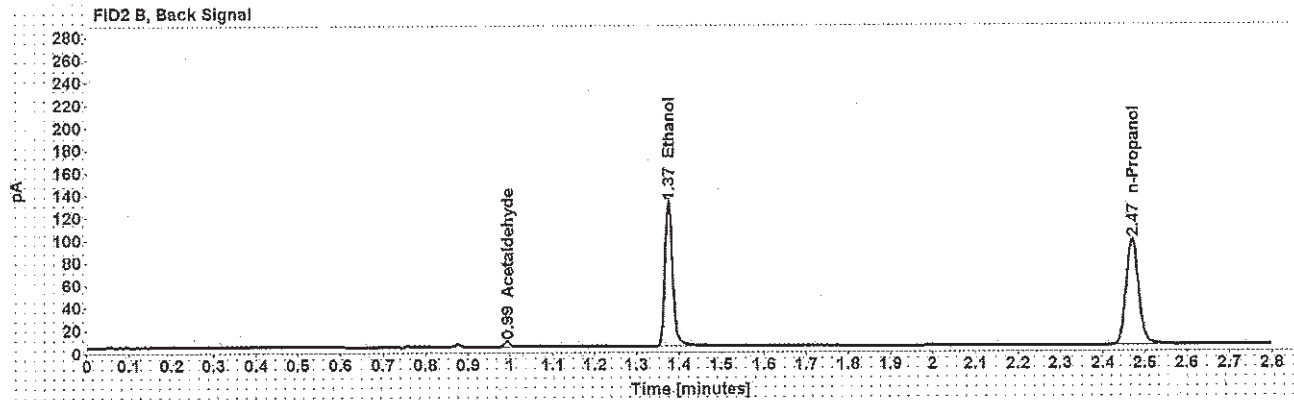
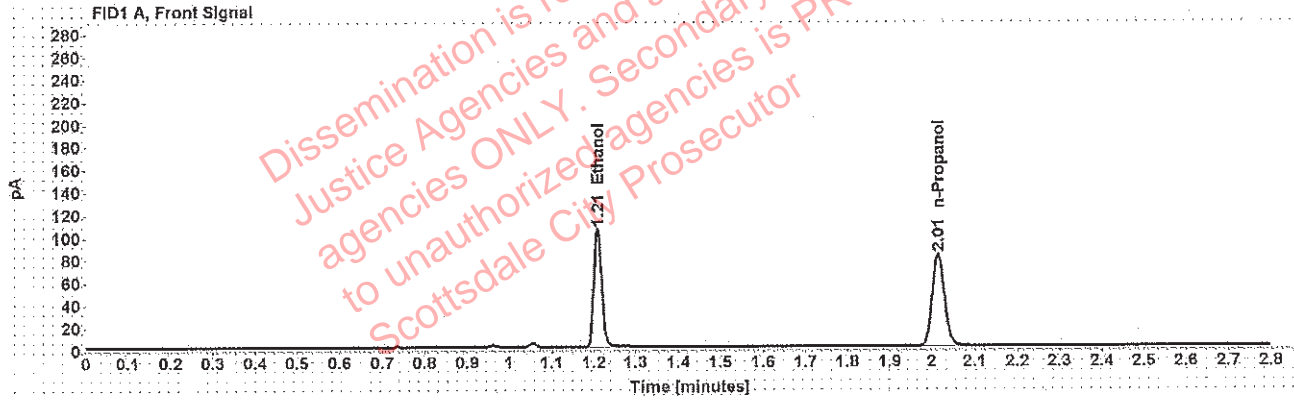


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2055           | 1.209      | 134.642   |
| n-Propanol | -----            | 2.015      | 163.527   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 4.526     |
| Ethanol      | 1.375      | 164.065   |
| n-Propanol   | 2.469      | 193.889   |

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 22                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 4:39:41 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\22.D | Analyst:        | Adrian               |

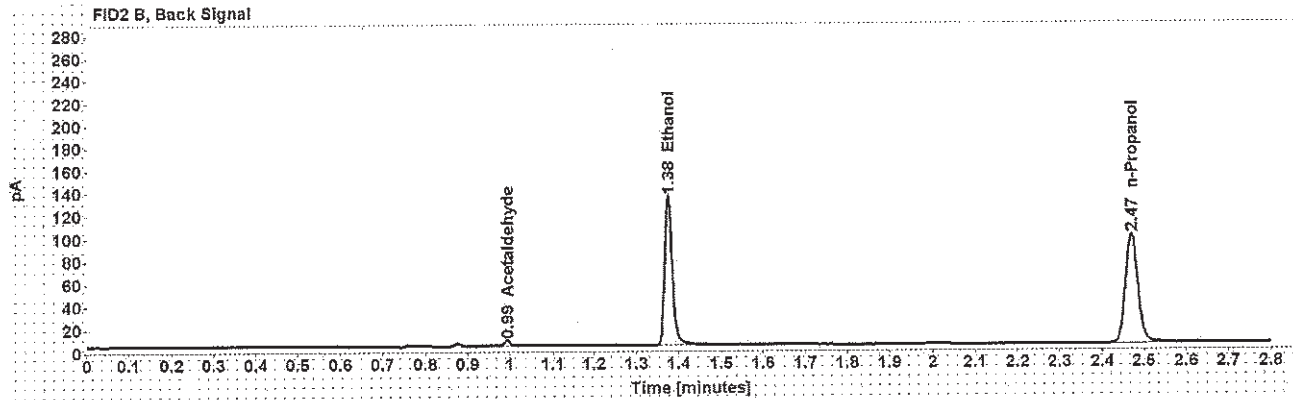
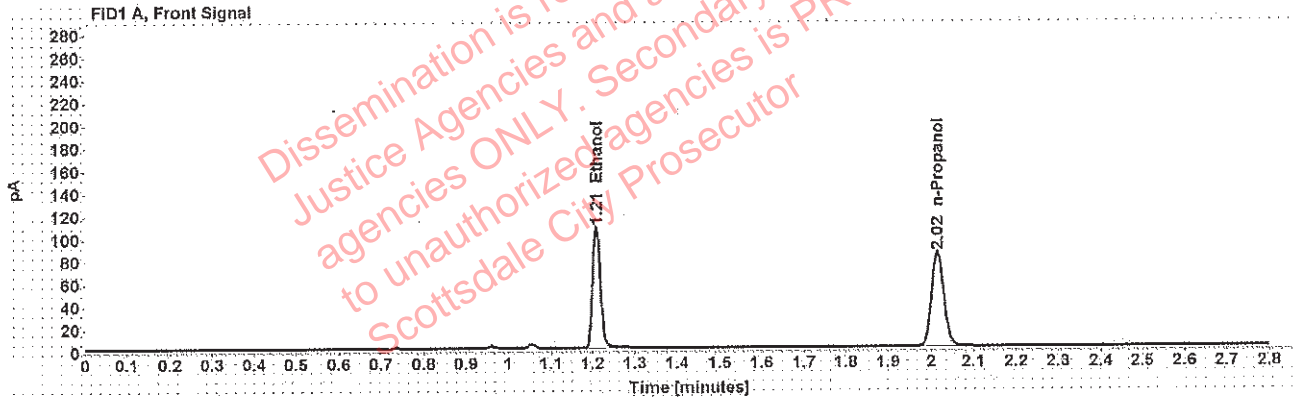


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2055           | 1.209      | 137.867   |
| n-Propanol | -----            | 2.015      | 167.410   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.994      | 4.573     |
| Ethanol      | 1.375      | 168.237   |
| n-Propanol   | 2.470      | 199.137   |

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 23                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 4:43:43 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\23.D | Analyst:        | Adrian               |

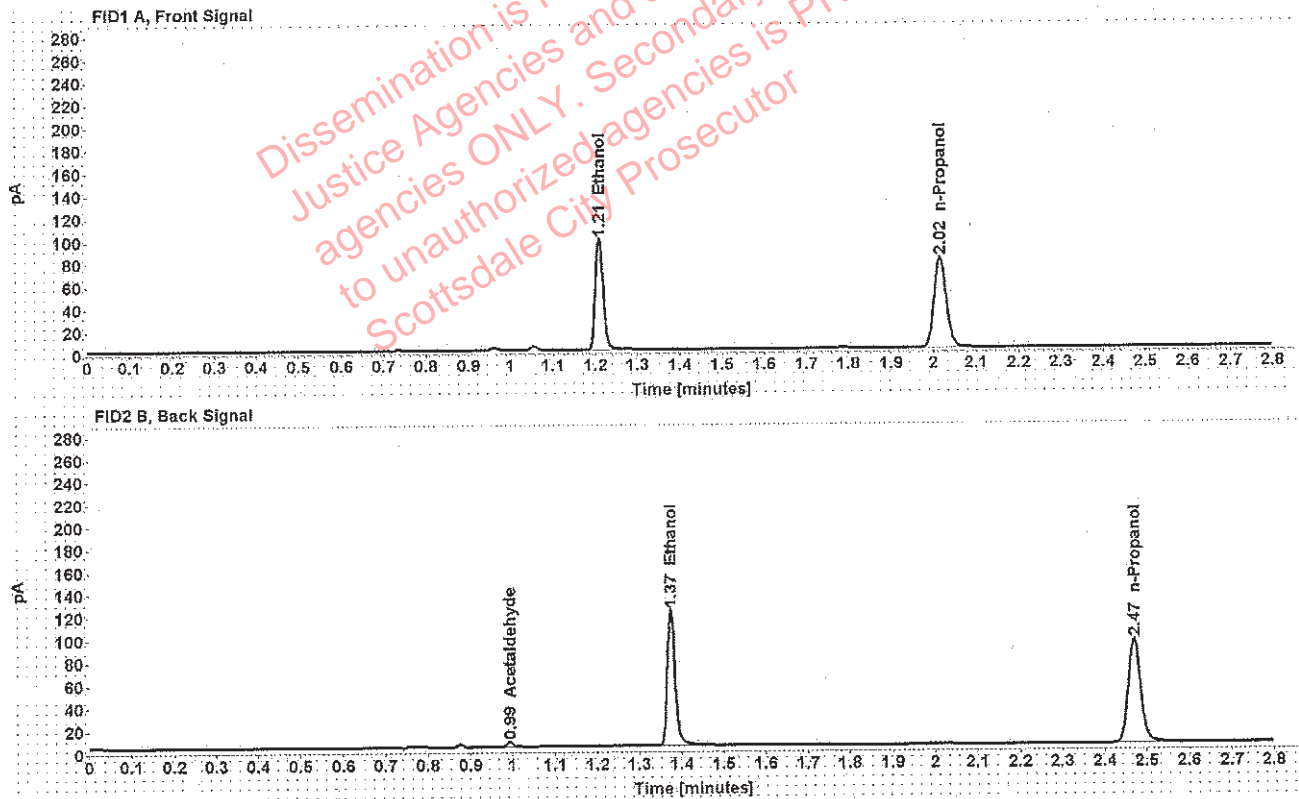


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1969           | 1.209      | 126.338   |
| n-Propanol | -----            | 2.015      | 160.168   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 4.408     |
| Ethanol      | 1.375      | 153.880   |
| n-Propanol   | 2.470      | 190.674   |

Adrian, William - (26-Jun-2019)

Case [redacted] User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [redacted]                    | Vial:           | 24                   |
| Description: | [redacted]                    | LIMS ID:        | [redacted]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 4:47:42 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\24.D | Analyst:        | Adrian               |

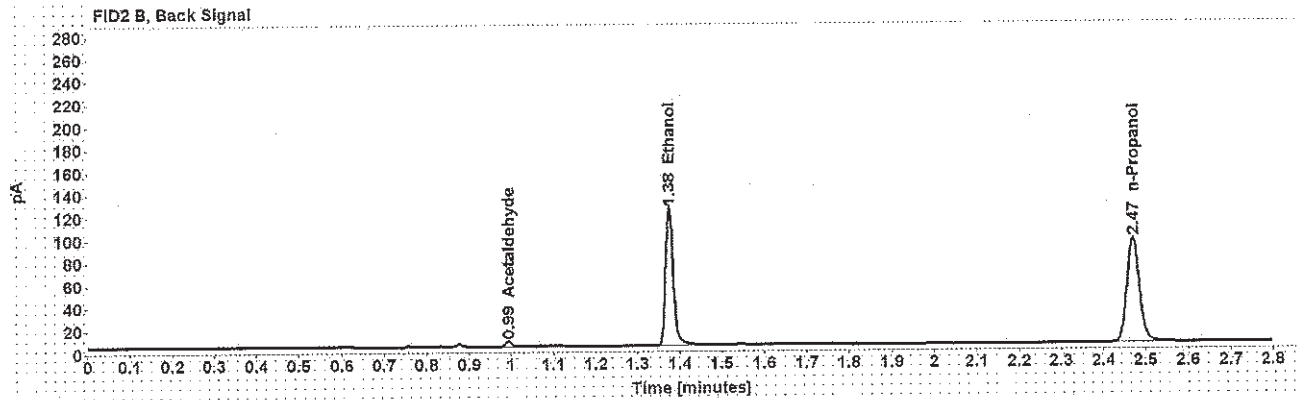
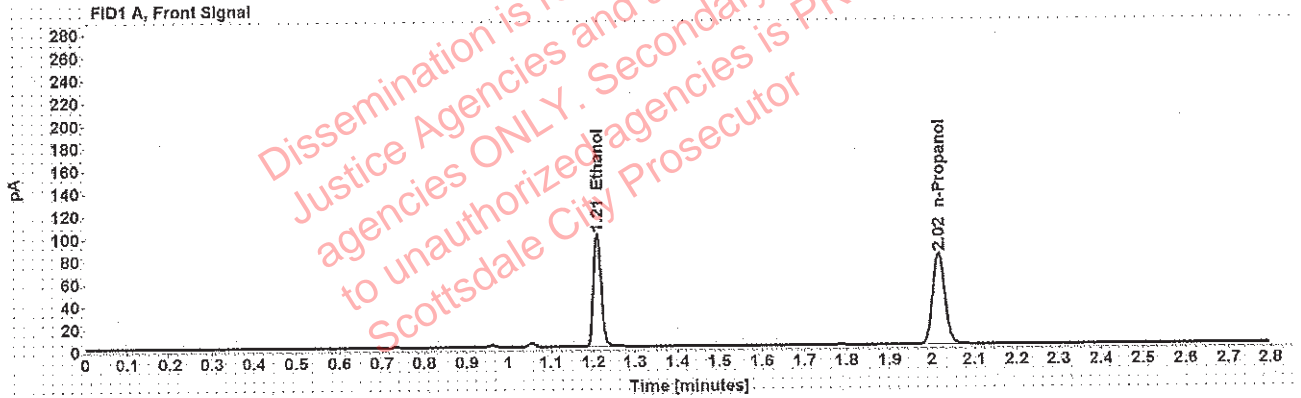


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1977           | 1.209      | 128.151   |
| n-Propanol | -----            | 2.015      | 161.823   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 4.422     |
| Ethanol      | 1.375      | 157.743   |
| n-Propanol   | 2.470      | 192.699   |

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 25                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 4:51:58 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\25.D | Analyst:        | Adrian               |

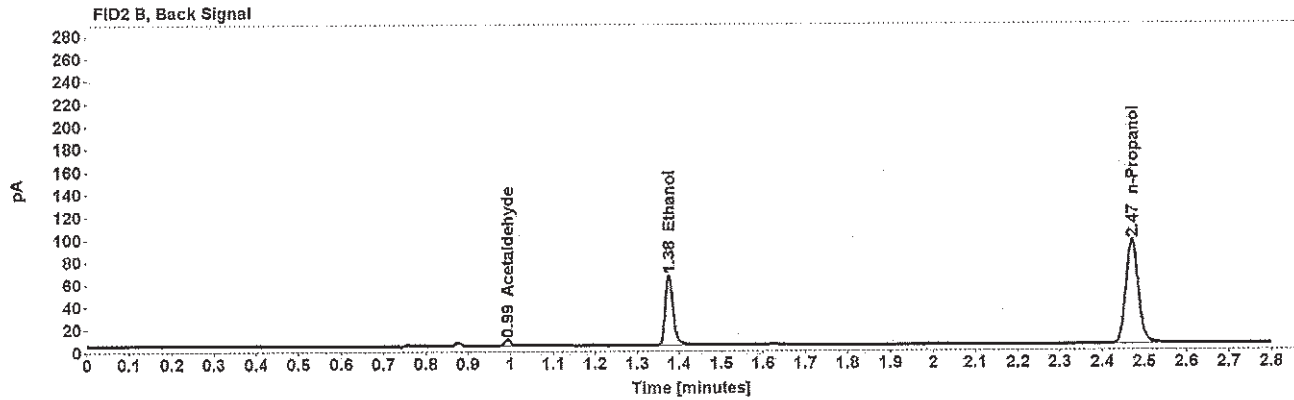
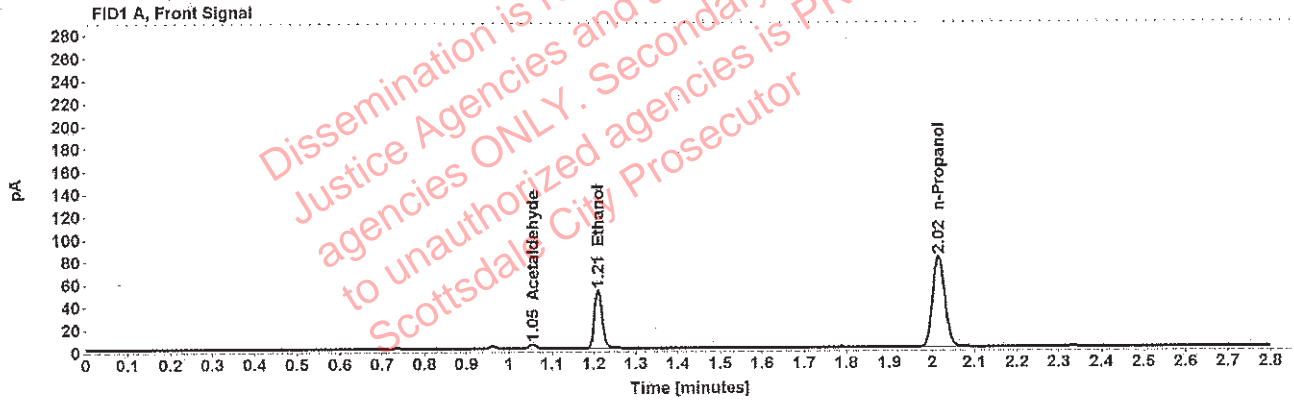


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 3.943     |
| >Ethanol     | 0.1035           | 1.210      | 66.563    |
| n-Propanol   | -----            | 2.015      | 161.698   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 5.111     |
| Ethanol      | 1.375      | 80.337    |
| n-Propanol   | 2.470      | 191.940   |



: Adrian, William - (26-Jun-2019)

Case: User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      |                               | Vial:           | 26                   |
| Description: |                               | LIMS ID:        |                      |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 4:55:57 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\26.D | Analyst:        | Adrian               |

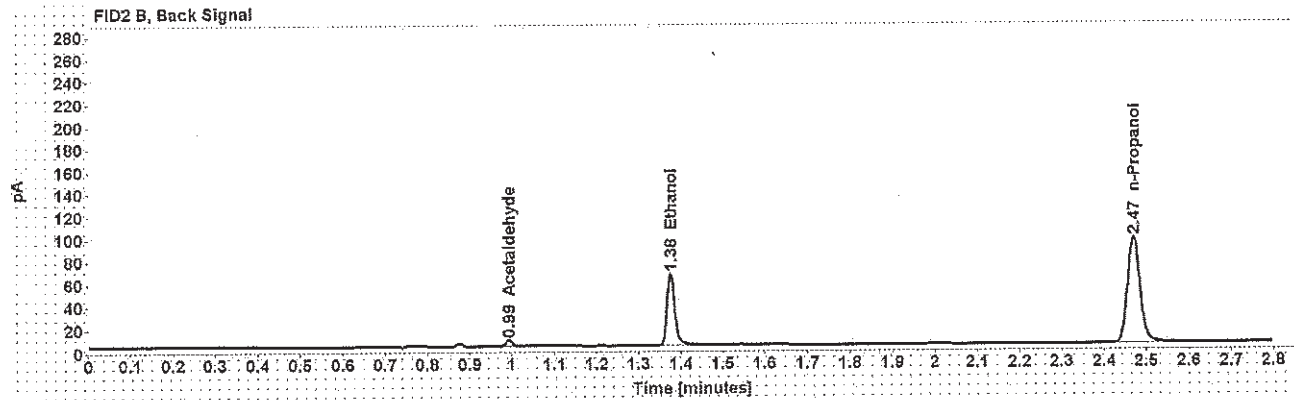
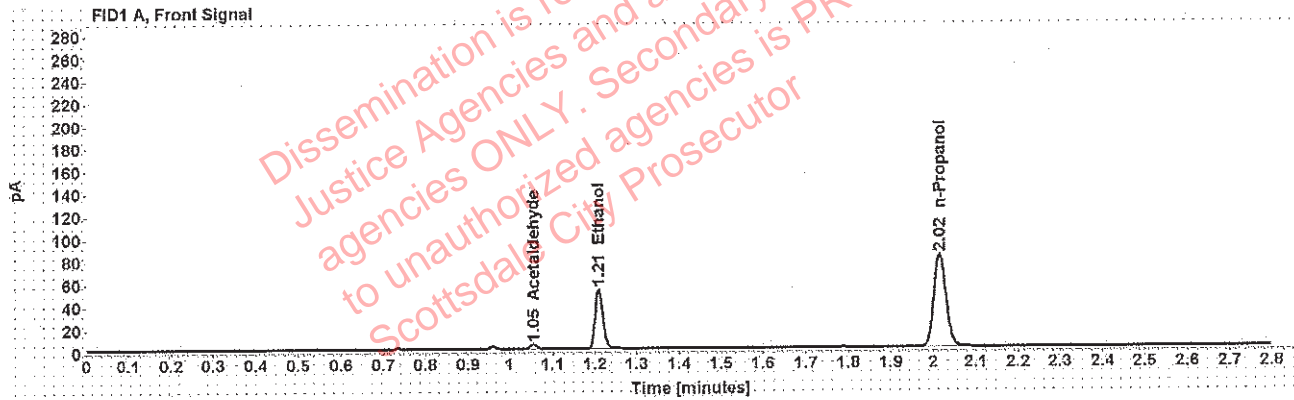


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 3.983     |
| >Ethanol     | 0.1040           | 1.210      | 67.570    |
| n-Propanol   | -----            | 2.015      | 163.447   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 5.195     |
| Ethanol      | 1.376      | 81.482    |
| n-Propanol   | 2.470      | 194.109   |

Adrian, William - (26-Jun-2019)

Case: User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      |                               | Vial:           | 27                   |
| Description: |                               | LIMS ID:        |                      |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 4:59:57 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\27.D | Analyst:        | Adrian               |

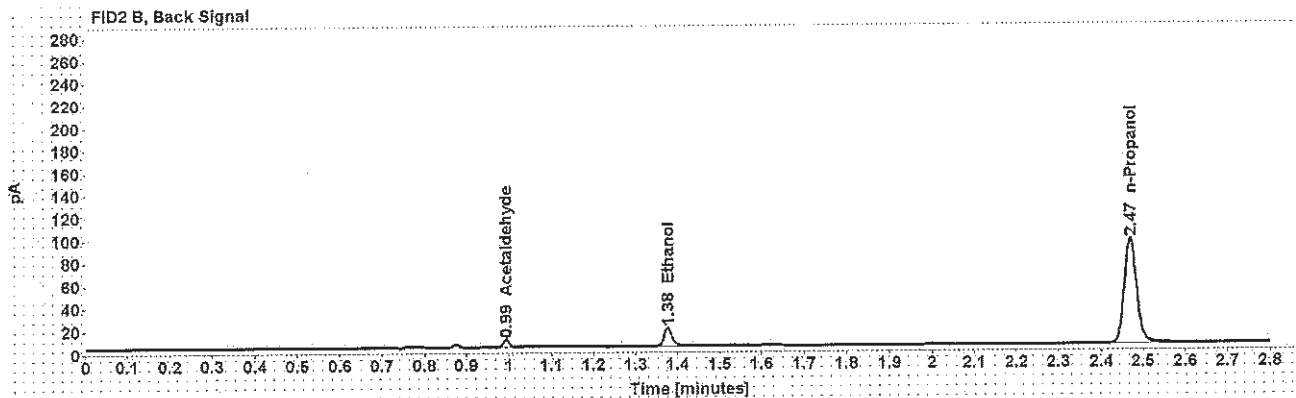
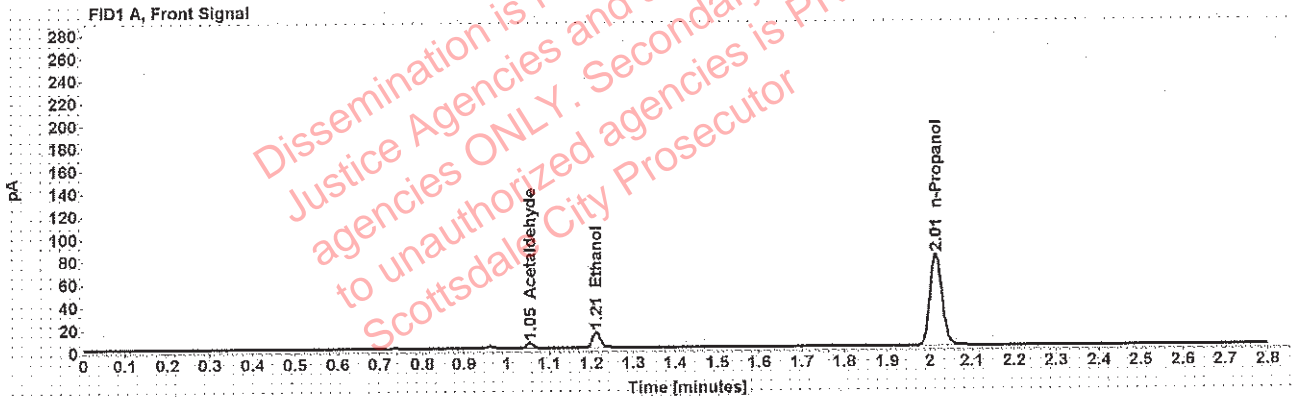


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 4.744     |
| >Ethanol     | 0.0287           | 1.211      | 17.664    |
| n-Propanol   | -----            | 2.015      | 161.935   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 6.133     |
| Ethanol      | 1.376      | 21.821    |
| n-Propanol   | 2.469      | 192.600   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [redacted]                    | Vial:           | 28                   |
| Description: | [redacted]                    | LIMS ID:        | [redacted]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 5:03:56 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\28.D | Analyst:        | Adrian               |

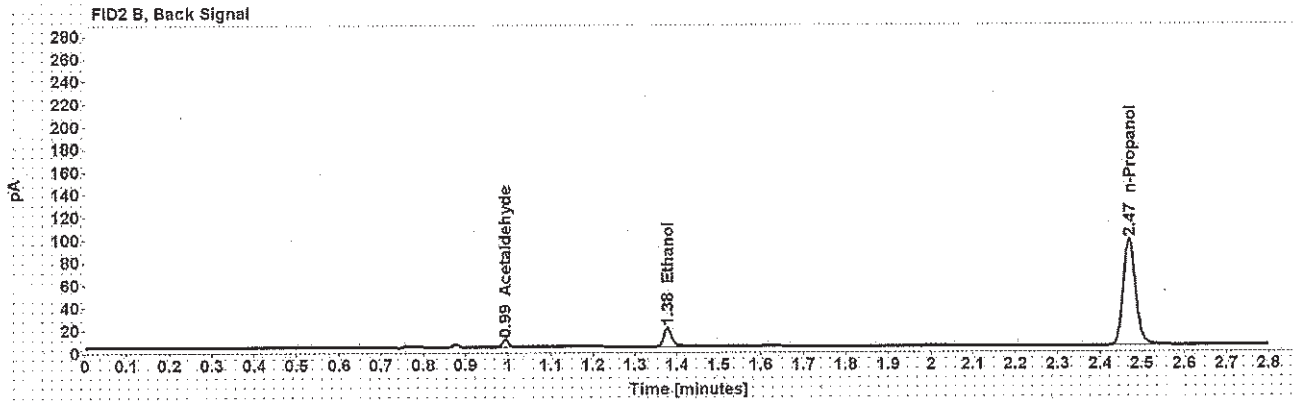
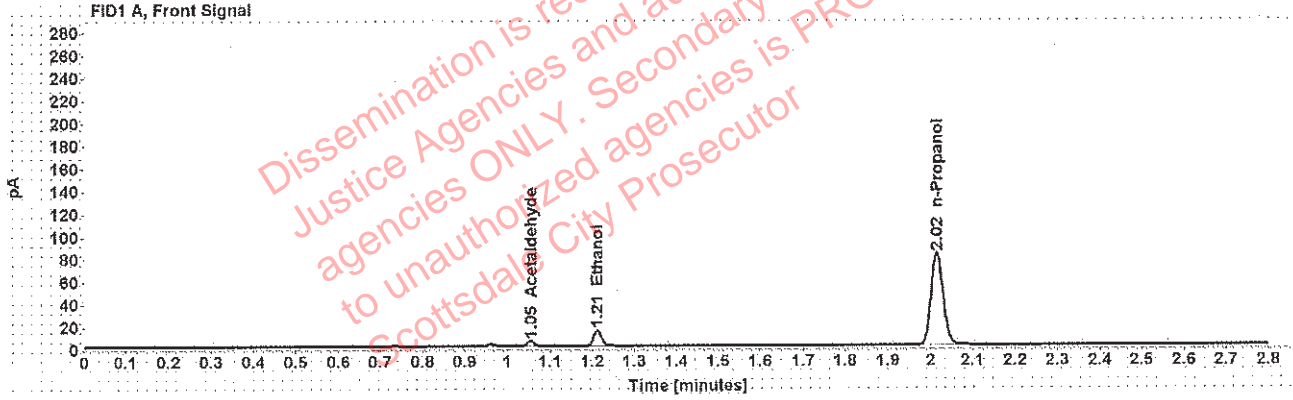


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 4.779     |
| >Ethanol     | 0.0289           | 1.211      | 18.064    |
| n-Propanol   | -----            | 2.015      | 164.267   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.994      | 6.224     |
| Ethanol      | 1.377      | 22.254    |
| n-Propanol   | 2.470      | 195.268   |

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 29                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 5:07:56 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\29.D | Analyst:        | Adrian               |

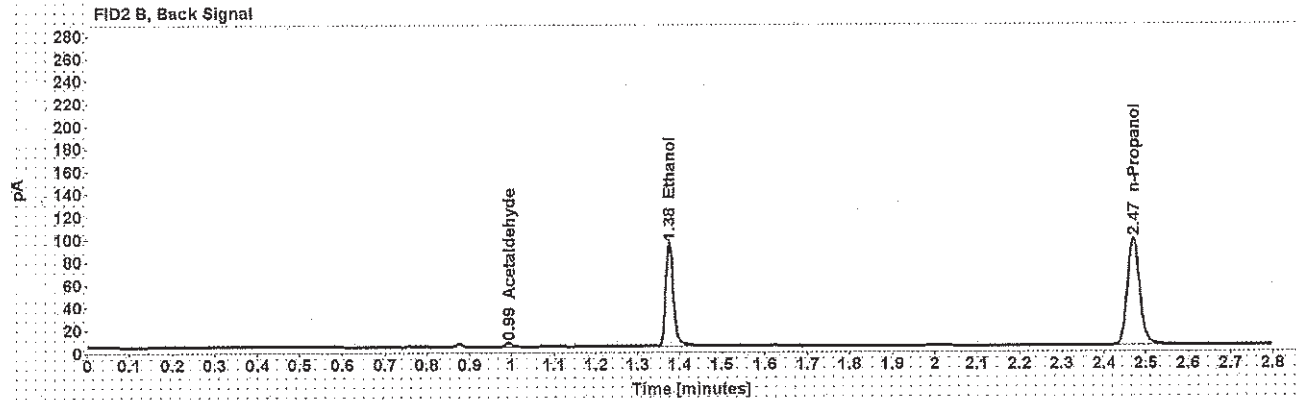
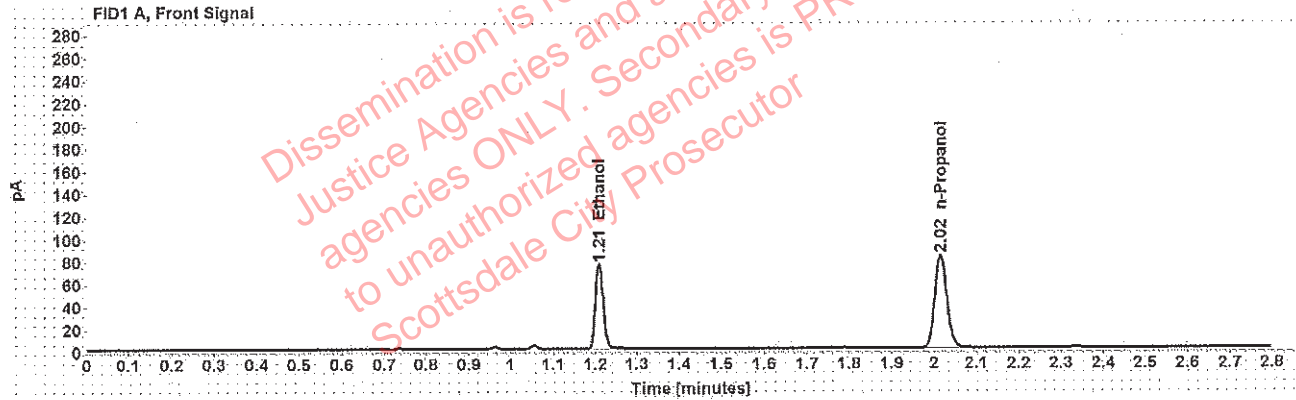


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1475           | 1.209      | 96.915    |
| n-Propanol | -----            | 2.015      | 164.515   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.994      | 3.751     |
| Ethanol      | 1.375      | 119.455   |
| n-Propanol   | 2.470      | 195.872   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 30                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 5:11:57 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\30.D | Analyst:        | Adrian               |

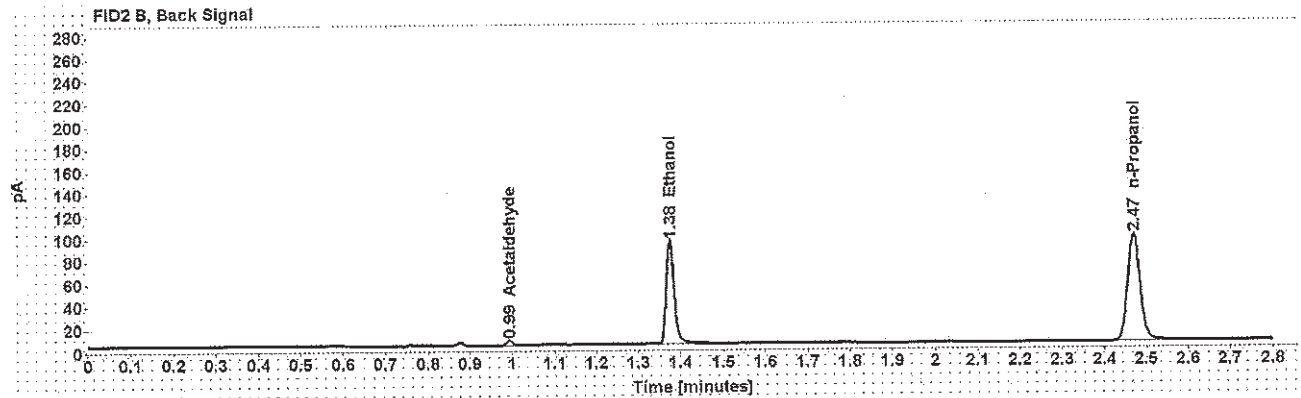
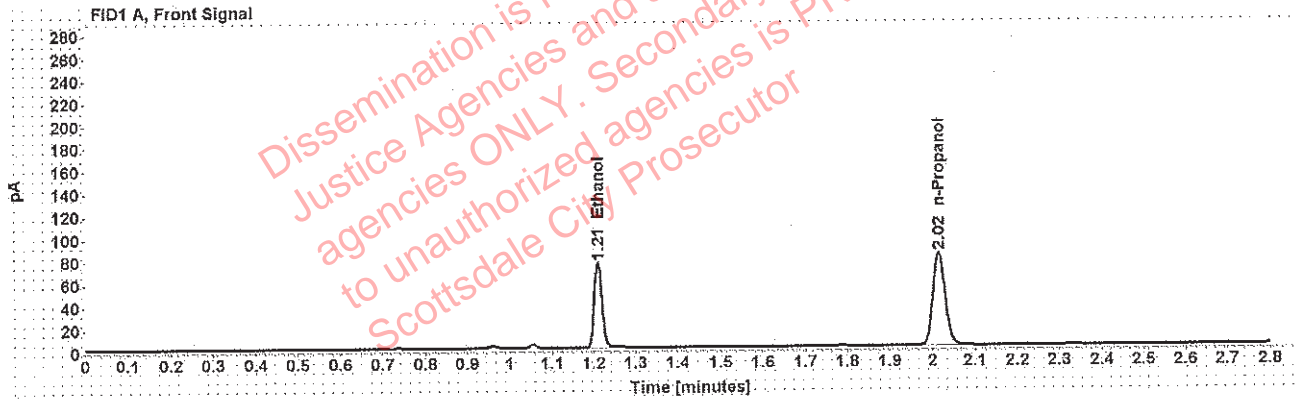


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1477           | 1.209      | 97.092    |
| n-Propanol | -----            | 2.015      | 164.532   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.994      | 3.828     |
| Ethanol      | 1.375      | 119.279   |
| n-Propanol   | 2.470      | 195.450   |



### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 32                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 5:20:11 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\32.D | Analyst:        | Adrian               |

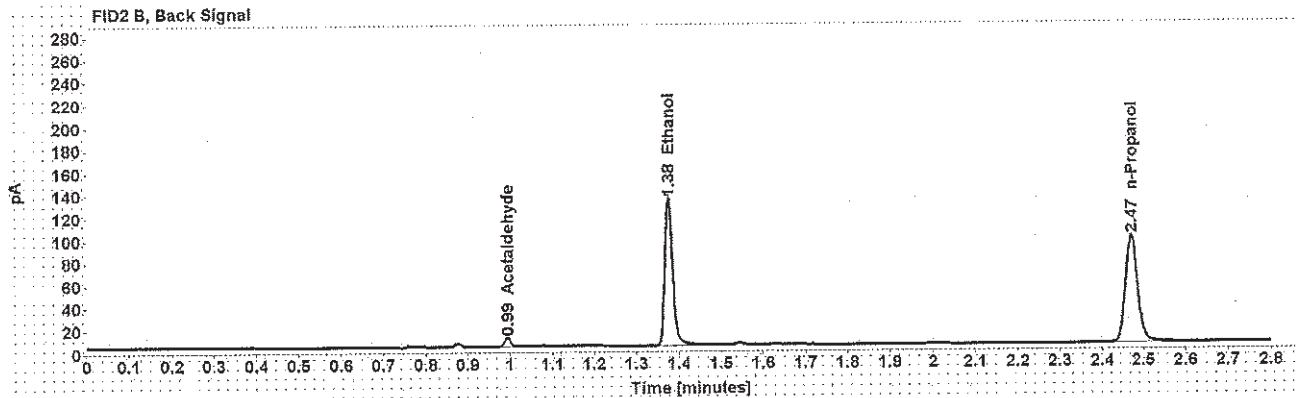
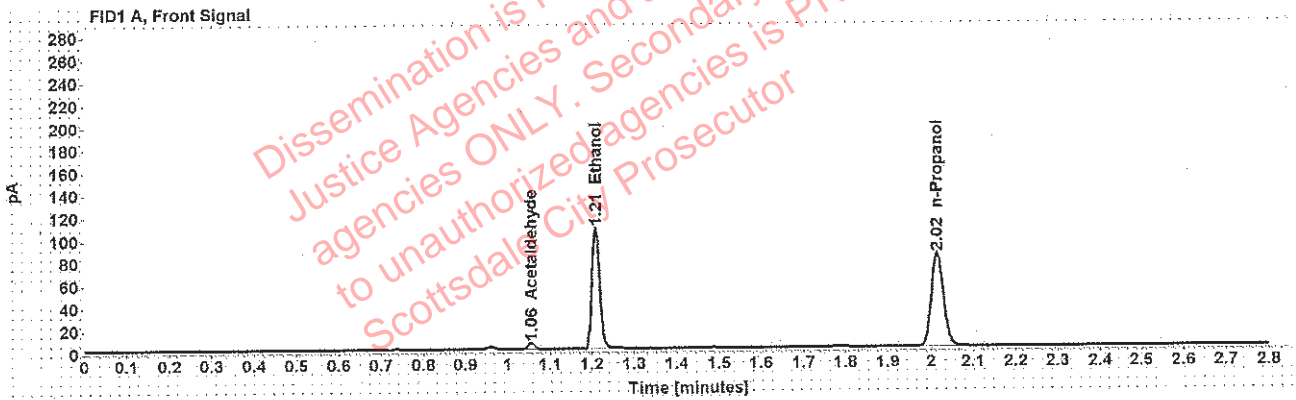


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 5.594     |
| >Ethanol     | 0.2078           | 1.209      | 137.612   |
| n-Propanol   | -----            | 2.015      | 165.209   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.994      | 7.269     |
| Ethanol      | 1.375      | 169.357   |
| n-Propanol   | 2.470      | 196.939   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [redacted]                    | Vial:           | 33                   |
| Description: | [redacted]                    | LIMS ID:        | [redacted]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 5:24:12 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\33.D | Analyst:        | Adrian               |

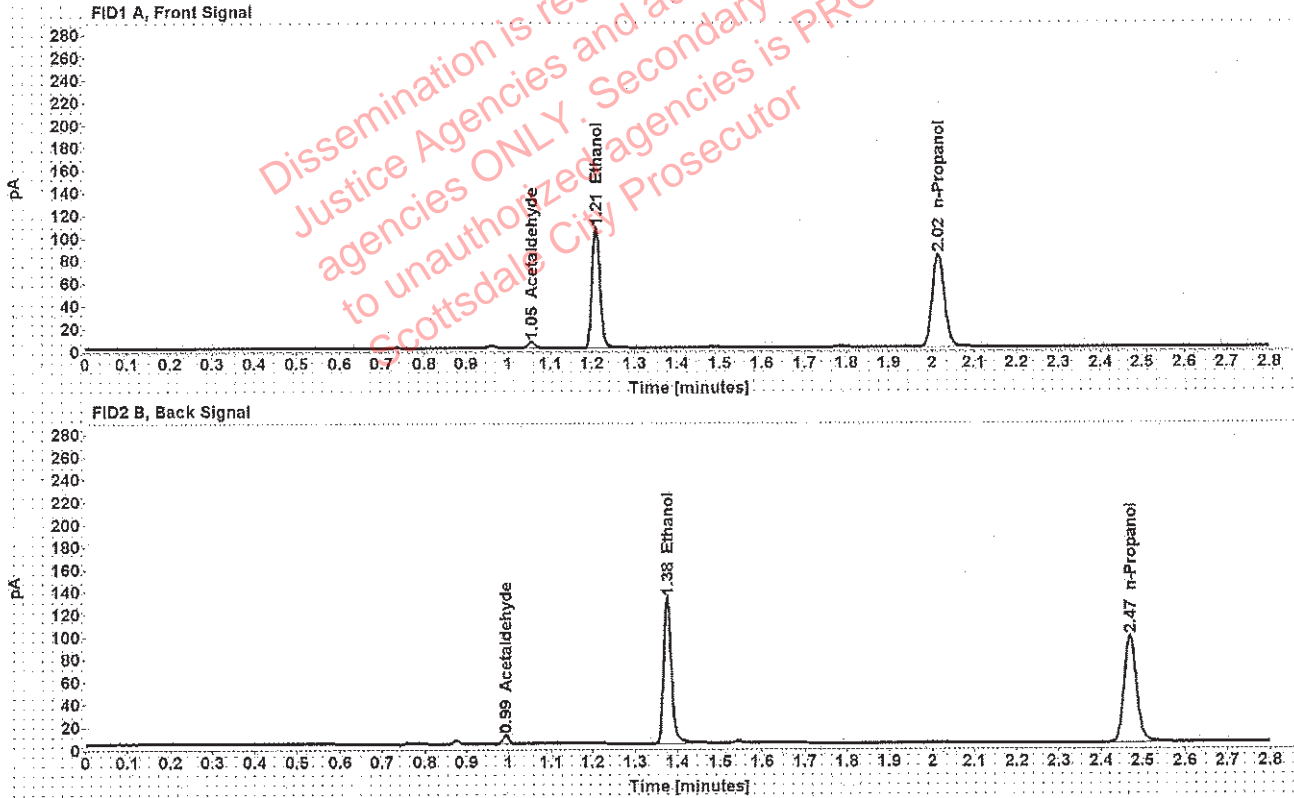


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 5.558     |
| >Ethanol     | 0.2075           | 1.209      | 136.408   |
| n-Propanol   | -----            | 2.015      | 163.994   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 7.204     |
| Ethanol      | 1.375      | 167.903   |
| n-Propanol   | 2.470      | 195.940   |

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 34                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 5:28:12 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\34.D | Analyst:        | Adrian               |

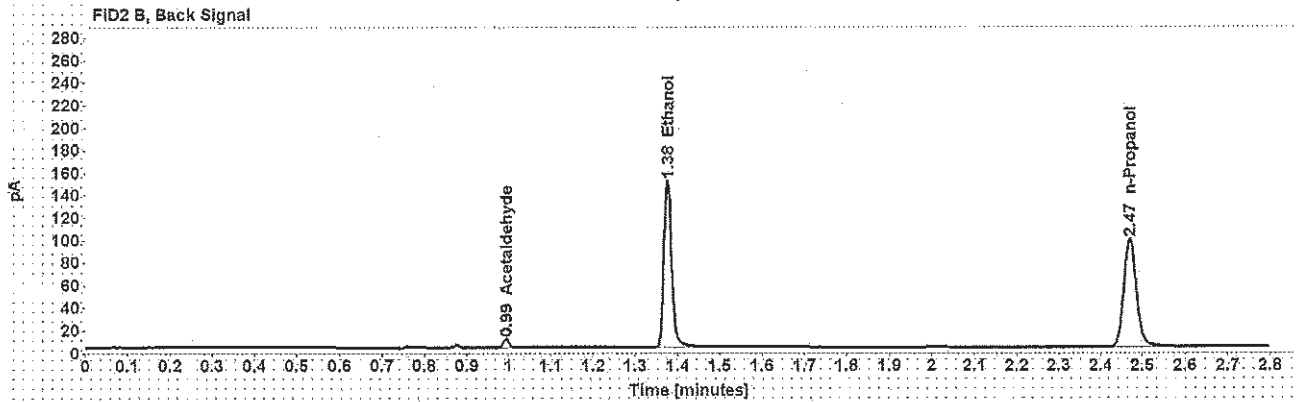
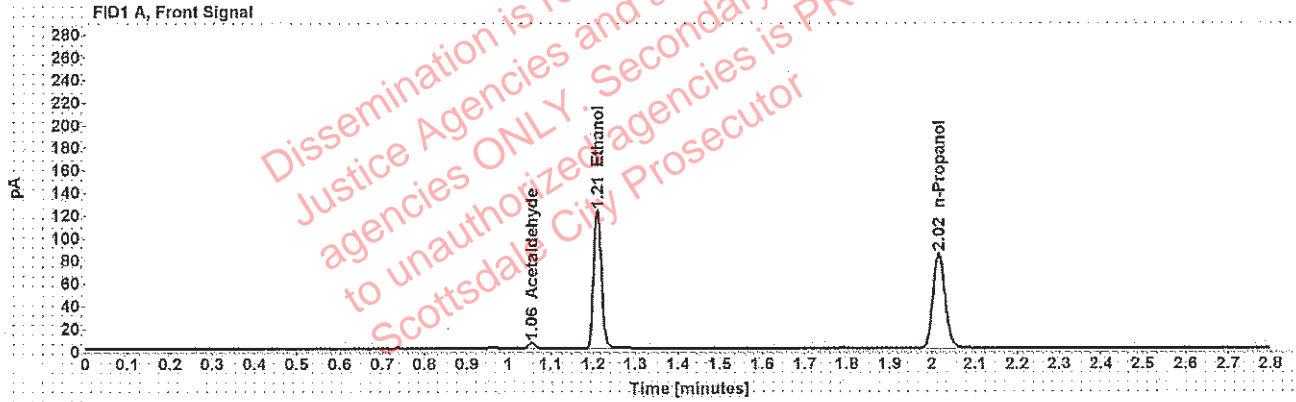


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 5.383     |
| >Ethanol     | 0.2329           | 1.209      | 155.876   |
| n-Propanol   | -----            | 2.016      | 166.822   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.994      | 6.998     |
| Ethanol      | 1.376      | 189.883   |
| n-Propanol   | 2.470      | 197.954   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 35                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 5:32:11 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\35.D | Analyst:        | Adrian               |

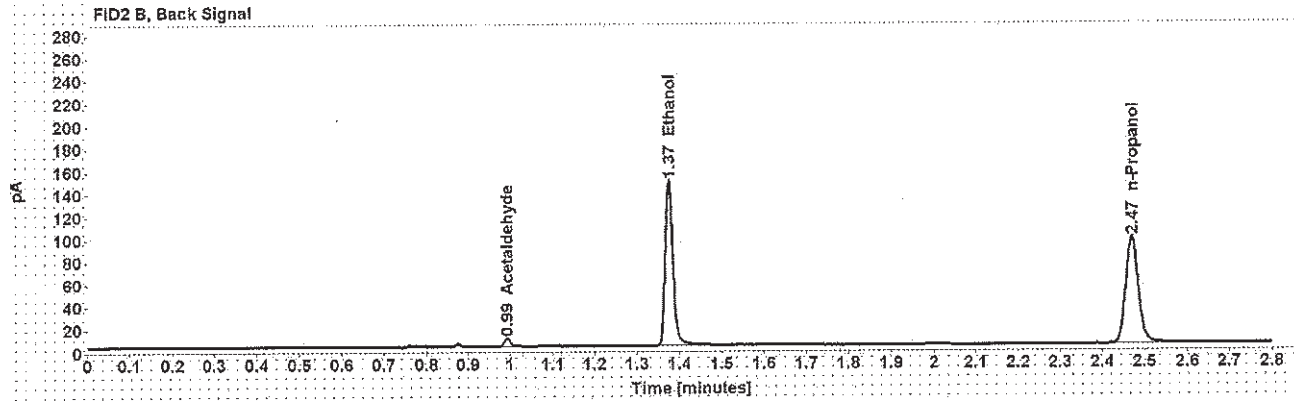
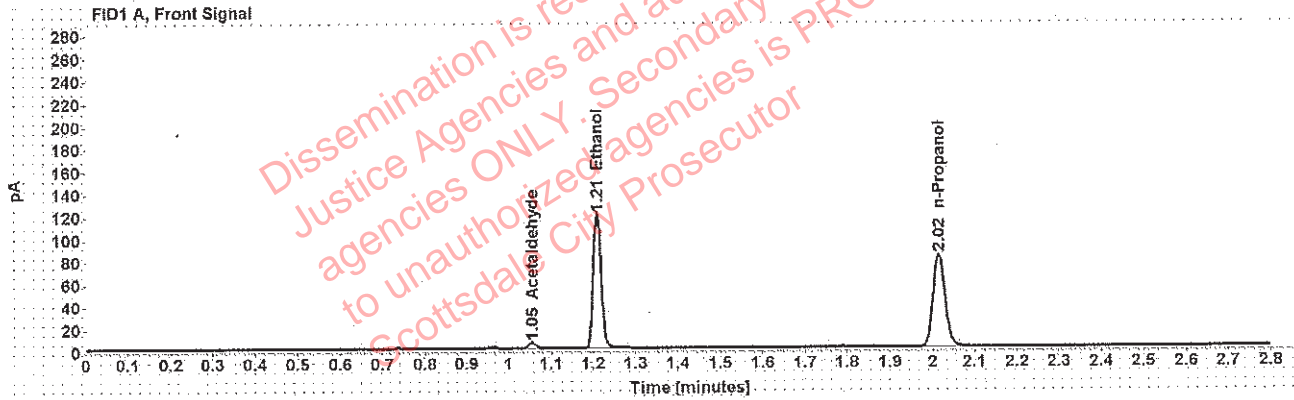


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 5.361     |
| >Ethanol     | 0.2323           | 1.209      | 153.443   |
| n-Propanol   | -----            | 2.015      | 164.668   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 6.915     |
| Ethanol      | 1.375      | 187.233   |
| n-Propanol   | 2.470      | 196.059   |

Adrian, William - (26-Jun-2019)

Case: User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      |                               | Vial:           | 36                   |
| Description: |                               | LIMS ID:        |                      |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 5:36:11 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\36.D | Analyst:        | Adrian               |

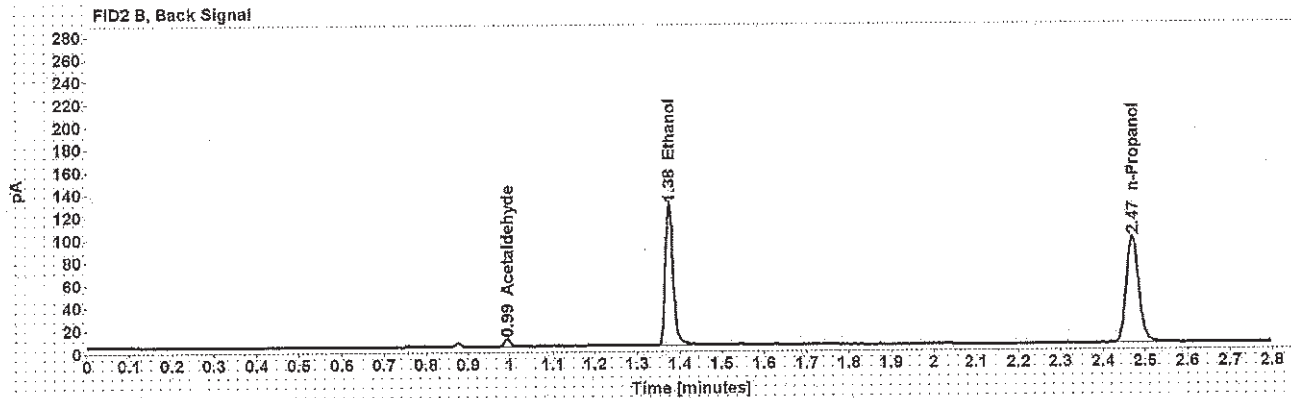
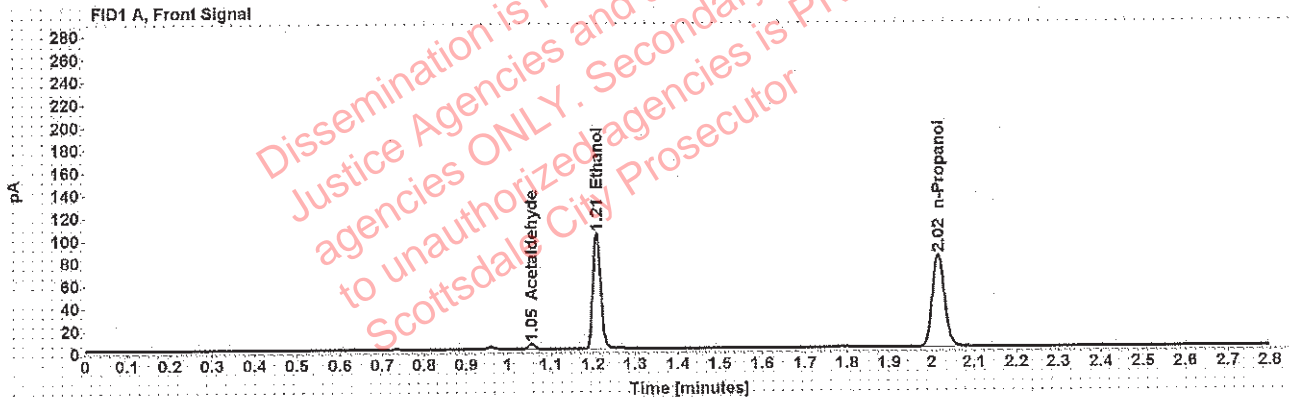


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 4.777     |
| >Ethanol     | 0.2007           | 1.209      | 131.653   |
| n-Propanol   | -----            | 2.015      | 163.698   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 6.197     |
| Ethanol      | 1.375      | 161.809   |
| n-Propanol   | 2.470      | 195.159   |



Adrian, William - (26-Jun-2019)

Case: User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      |                               | Vial:           | 37                   |
| Description: |                               | LIMS ID:        |                      |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 5:40:27 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\37.D | Analyst:        | Adrian               |

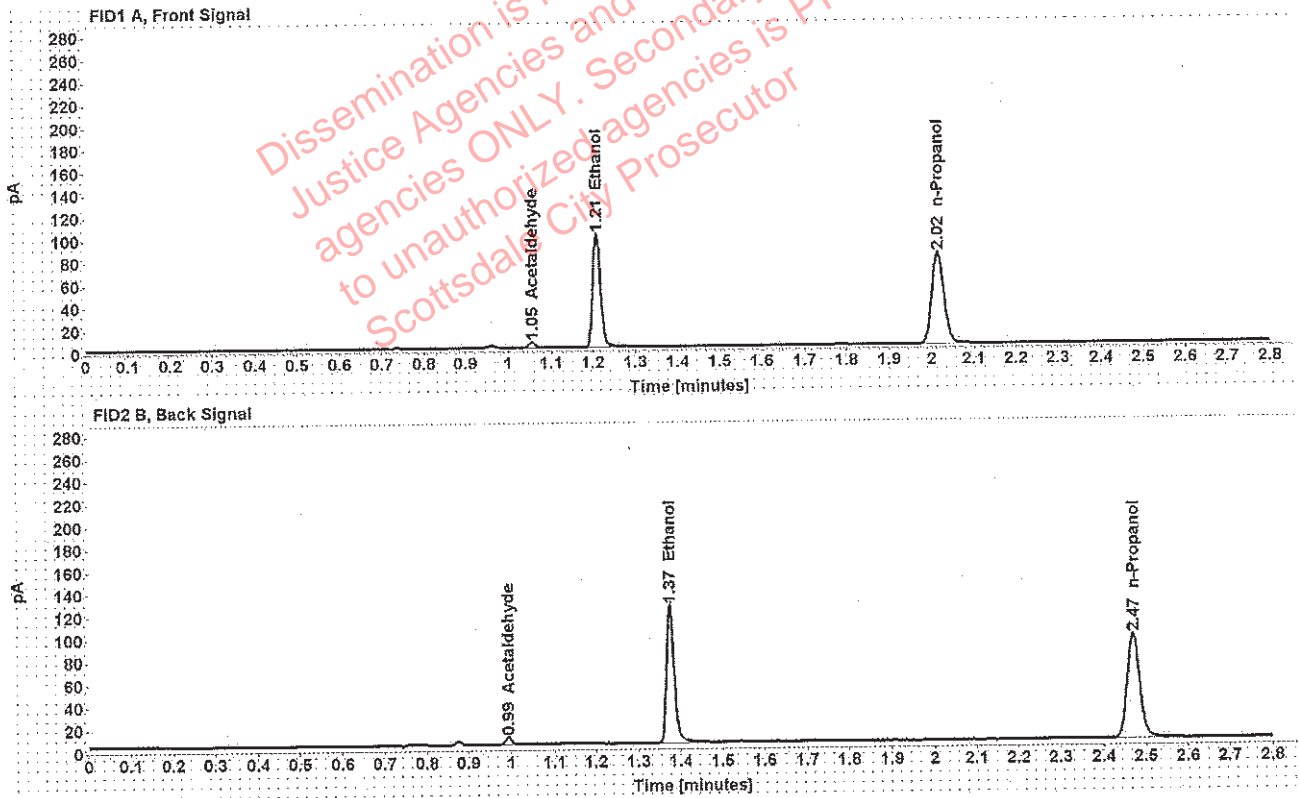


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 4.662     |
| >Ethanol     | 0.1996           | 1.209      | 128.659   |
| n-Propanol   | -----            | 2.015      | 160.910   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 6.037     |
| Ethanol      | 1.375      | 158.458   |
| n-Propanol   | 2.469      | 191.755   |

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 38                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 5:44:28 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\38.D | Analyst:        | Adrian               |

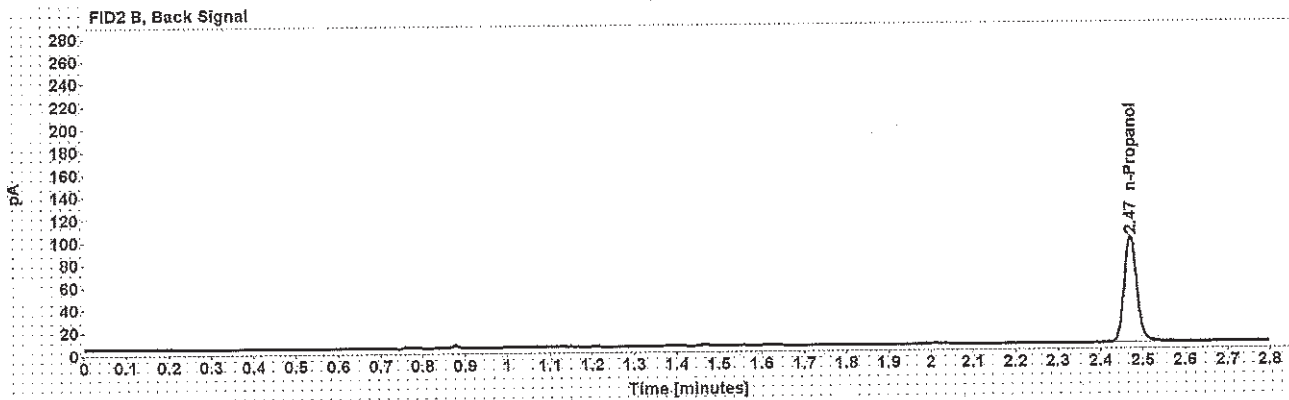
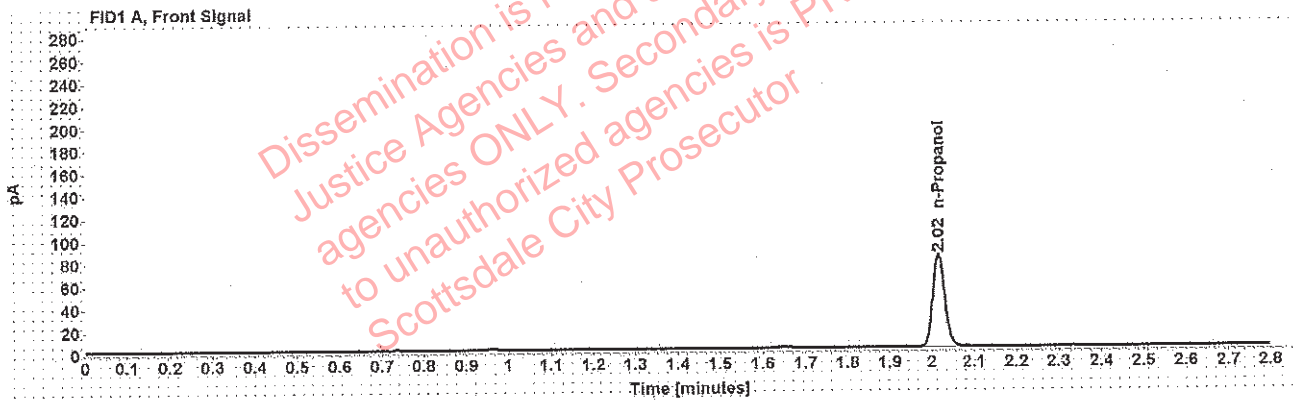


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | -----            | 2.016      | 163.432   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.470      | 195.278   |

Adrian, William - (26-Jun-2019)

Case: User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      |                               | Vial:           | 39                   |
| Description: |                               | LIMS ID:        |                      |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 5:48:26 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\39.D | Analyst:        | Adrian               |

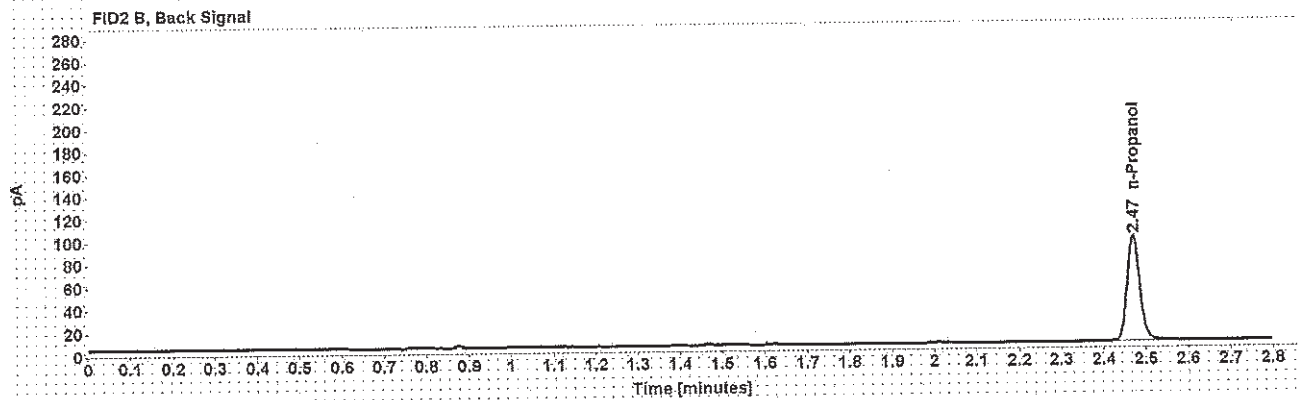
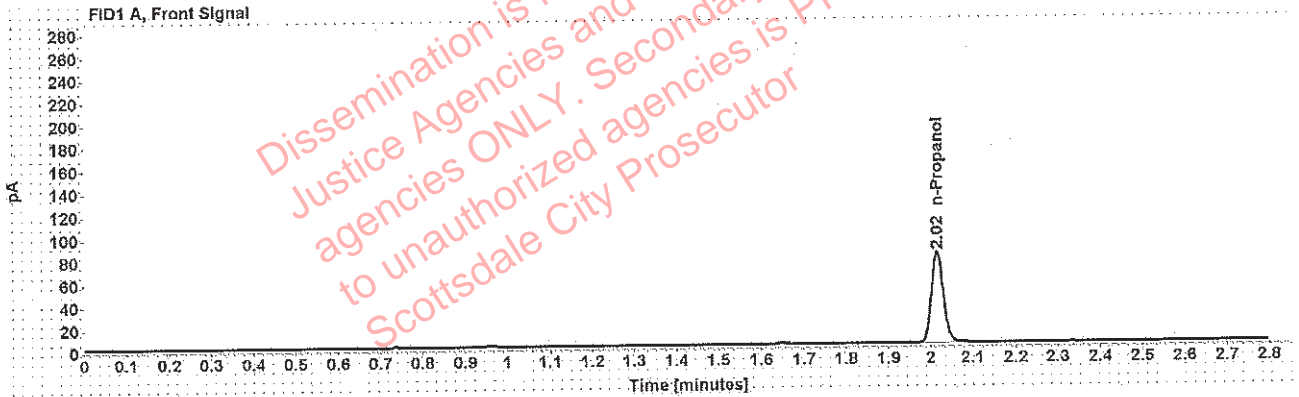


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | -----            | 2.015      | 161.444   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.470      | 192.979   |

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                                |                 |                      |
|--------------|--------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                     | Vial:           | 40                   |
| Description: | [REDACTED]                     | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M                | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045          | Injection date: | 6/25/2019 5:52:27 PM |
| Data file:   | C:\Chem32\11\Data\25Jun19\40.D | Analyst:        | Adrian               |

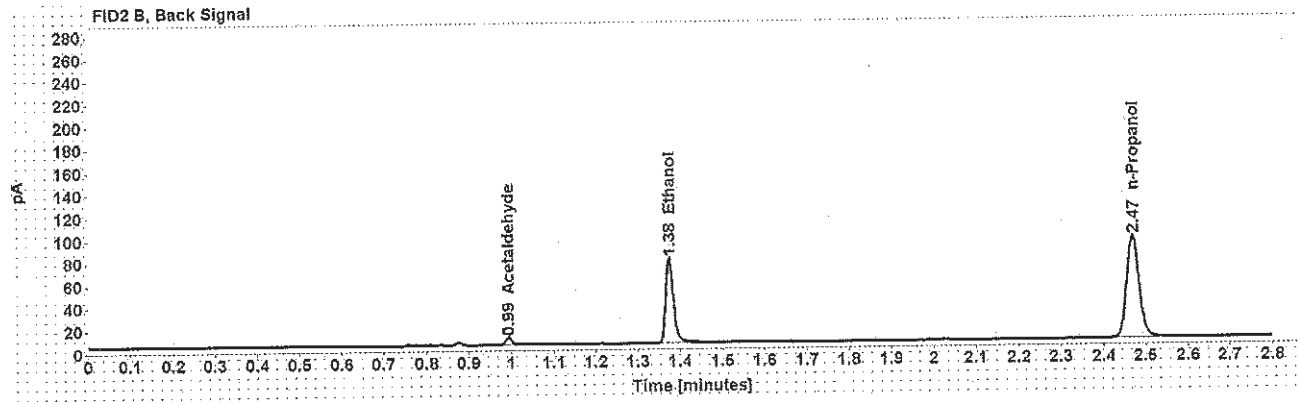
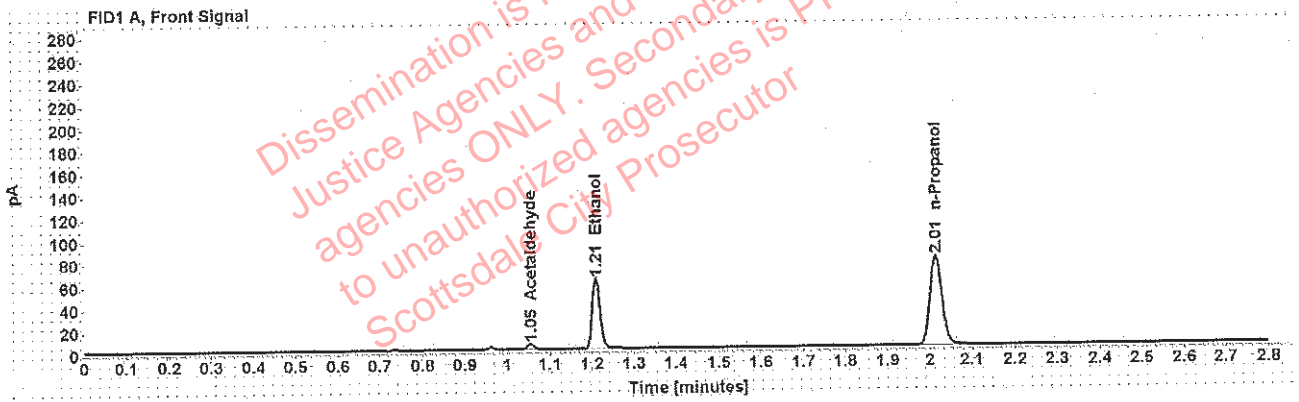


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 4.692     |
| >Ethanol     | 0.1264           | 1.209      | 79.828    |
| n-Propanol   | -----            | 2.015      | 158.342   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 6.080     |
| Ethanol      | 1.375      | 96.618    |
| n-Propanol   | 2.469      | 188.724   |

Adrian, William - (26-Jun-2019)

Case User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      |                               | Vial:           | 41                   |
| Description: |                               | LIMS ID:        |                      |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 5:56:27 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\41.D | Analyst:        | Adrian               |

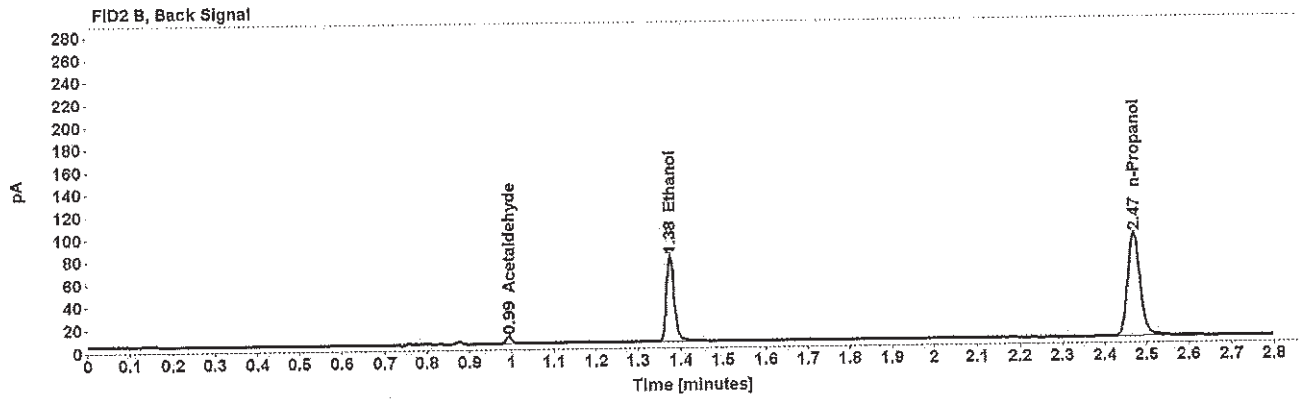
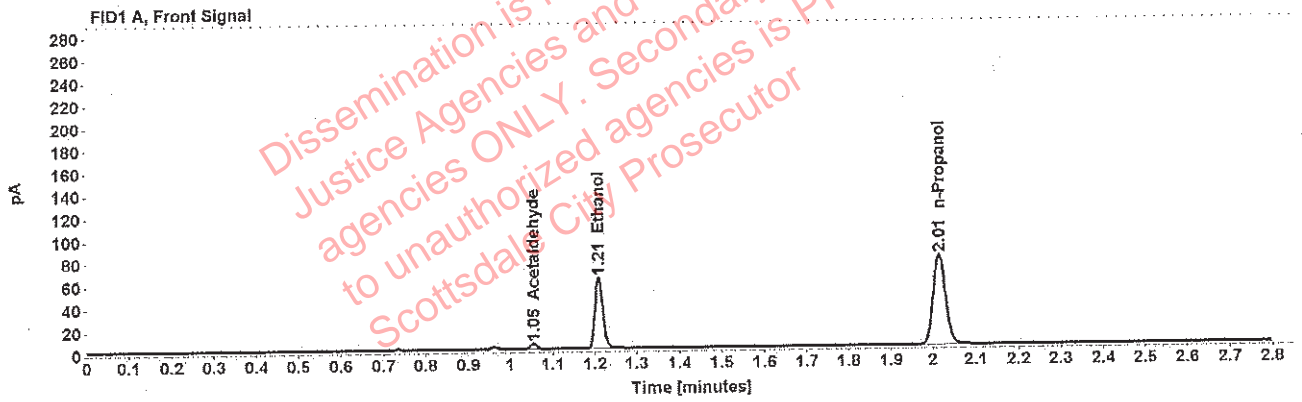


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 4.737     |
| >Ethanol     | 0.1266           | 1.209      | 80.132    |
| n-Propanol   | -----            | 2.015      | 158.687   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 6.134     |
| Ethanol      | 1.375      | 97.446    |
| n-Propanol   | 2.469      | 190.955   |

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                                |                 |                      |
|--------------|--------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                     | Vial:           | 43                   |
| Description: | [REDACTED]                     | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M                | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045          | Injection date: | 6/25/2019 6:04:42 PM |
| Data file:   | C:\Chem32\11\Data\25Jun19\43.D | Analyst:        | Adrian               |

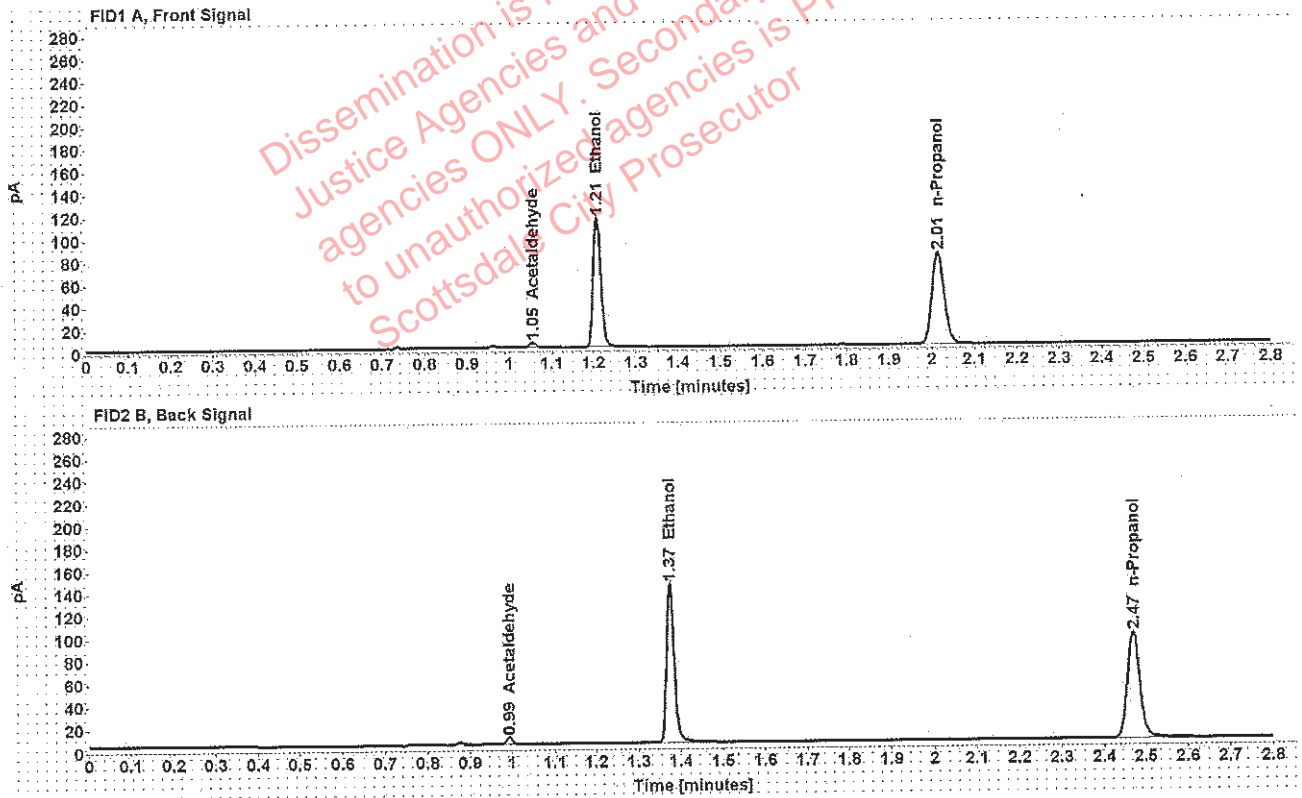


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 4.745     |
| >Ethanol     | 0.2261           | 1.209      | 147.161   |
| n-Propanol   | -----            | 2.015      | 162.325   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 6.151     |
| Ethanol      | 1.375      | 180.985   |
| n-Propanol   | 2.470      | 195.198   |



Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 44                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 6:08:42 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\44.D | Analyst:        | Adrian               |

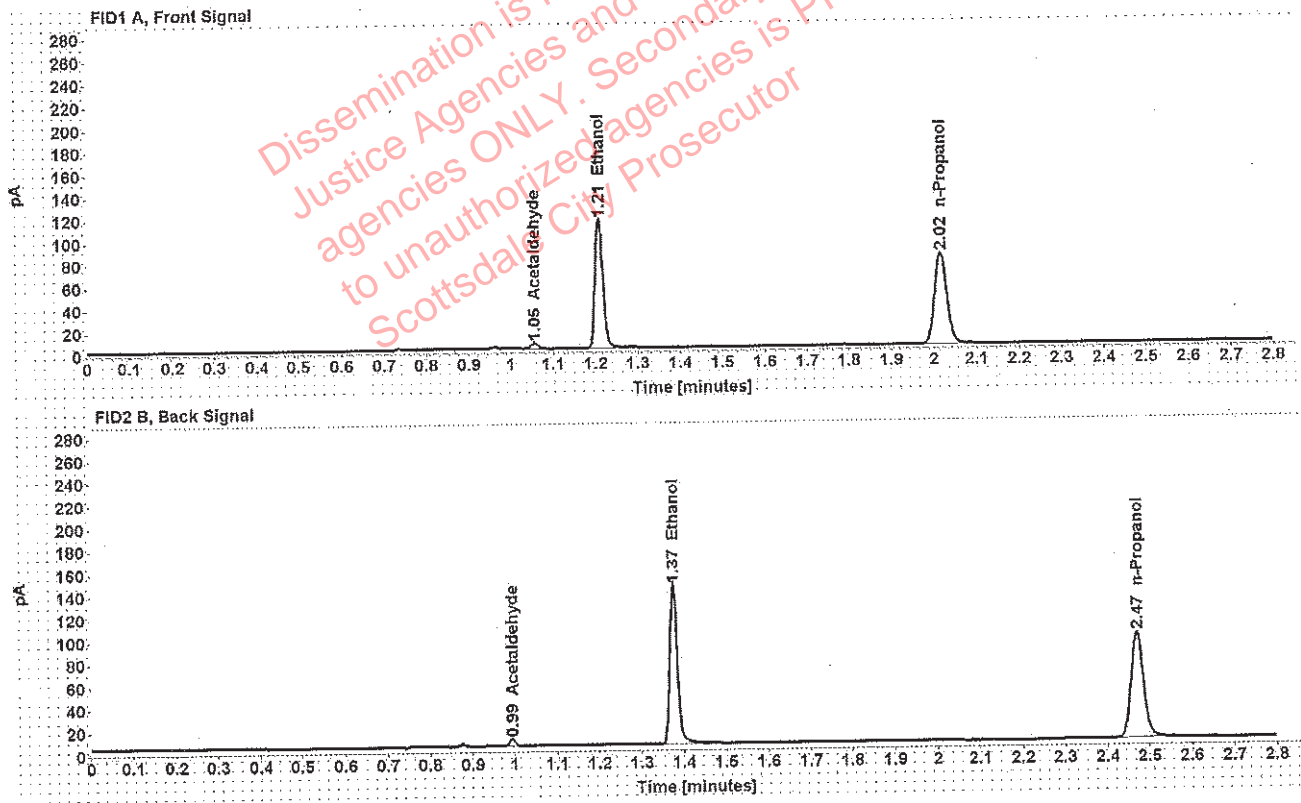


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 4.801     |
| >Ethanol     | 0.2252           | 1.209      | 146.971   |
| n-Propanol   | -----            | 2.015      | 162.724   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 6.225     |
| Ethanol      | 1.375      | 180.944   |
| n-Propanol   | 2.470      | 197.209   |

Case: [REDACTED] : Adrian, William - (26-Jun-2019)

User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 45                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 6:12:41 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\45.D | Analyst:        | Adrian               |

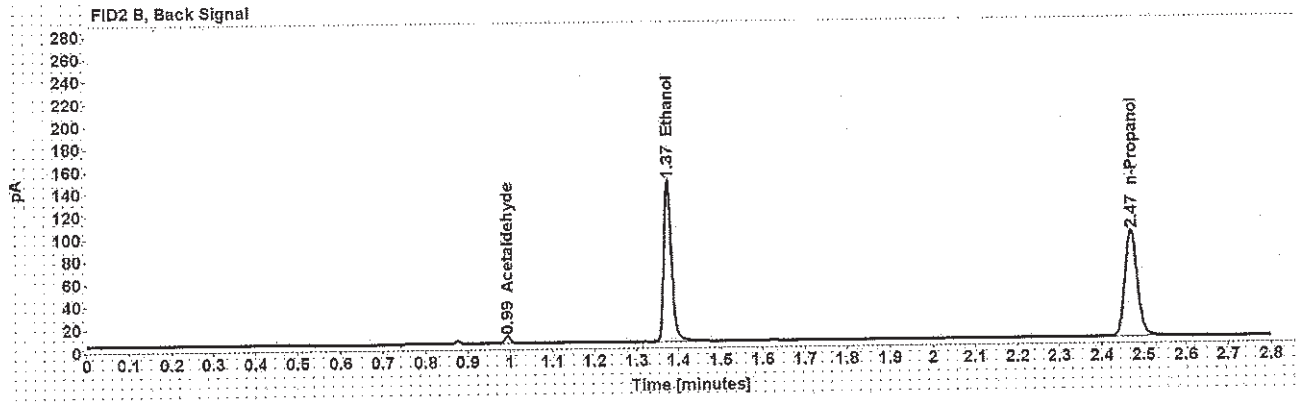
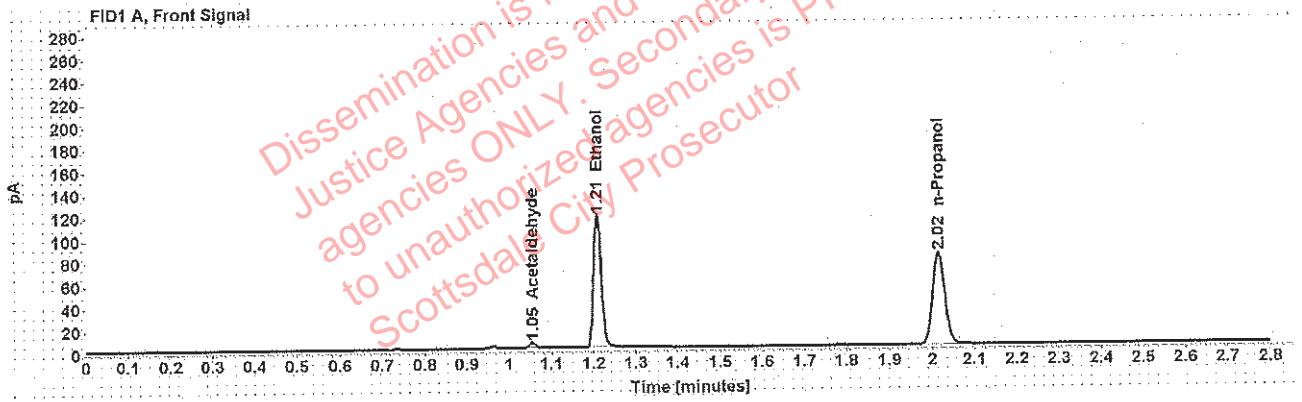


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 4.682     |
| >Ethanol     | 0.2290           | 1.209      | 149.110   |
| n-Propanol   | -----            | 2.015      | 162.318   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 6.066     |
| Ethanol      | 1.375      | 182.794   |
| n-Propanol   | 2.470      | 193.979   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 46                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 6:16:42 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\46.D | Analyst:        | Adrian               |

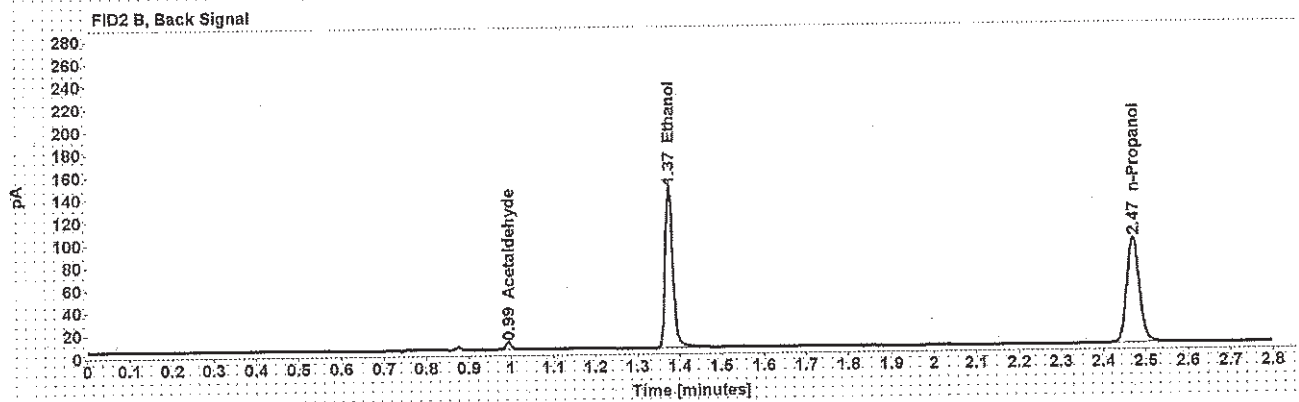
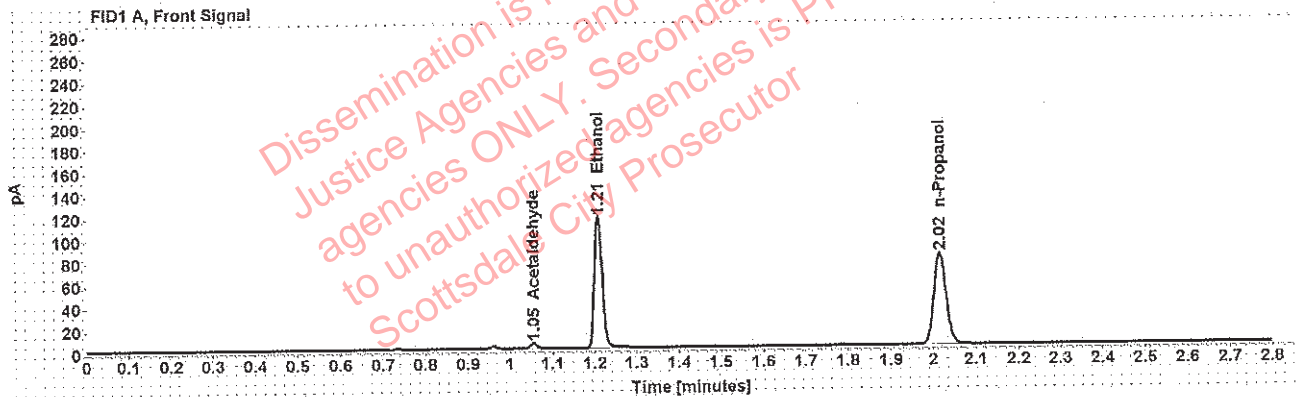


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 4.672     |
| >Ethanol     | 0.2293           | 1.209      | 149.038   |
| n-Propanol   | -----            | 2.015      | 162.044   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 6.032     |
| Ethanol      | 1.375      | 182.480   |
| n-Propanol   | 2.470      | 192.980   |

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 47                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 6:20:41 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\47.D | Analyst:        | Adrian               |

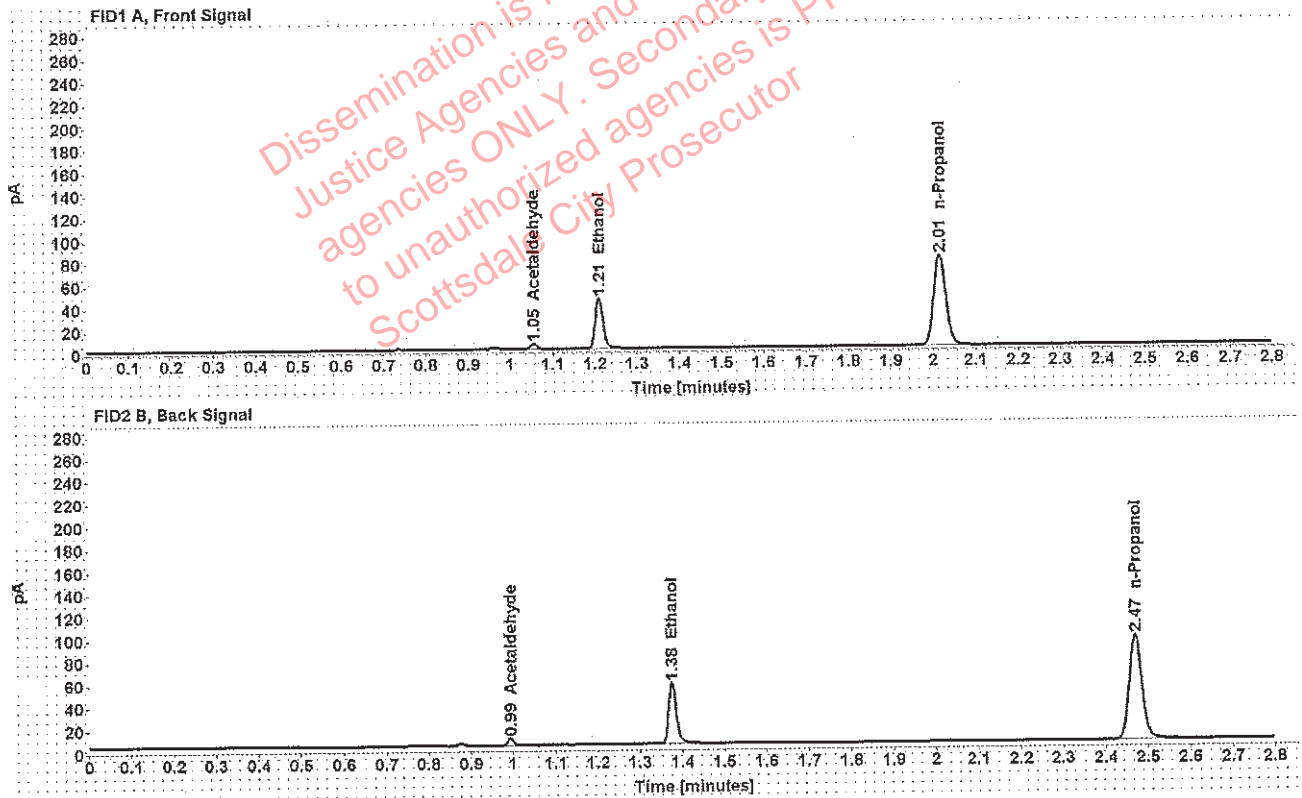


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 4.561     |
| >Ethanol     | 0.0904           | 1.210      | 57.705    |
| n-Propanol   | -----            | 2.015      | 160.927   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 5.901     |
| Ethanol      | 1.375      | 69.794    |
| n-Propanol   | 2.469      | 192.657   |

Case: [REDACTED] : Adrian, William - (26-Jun-2019)

User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 48                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 6:24:42 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\48.D | Analyst:        | Adrian               |

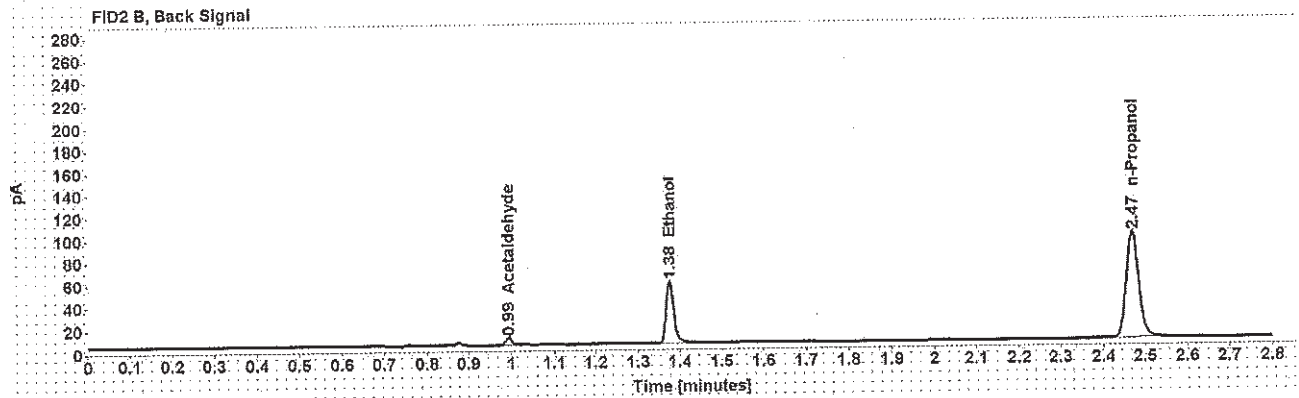
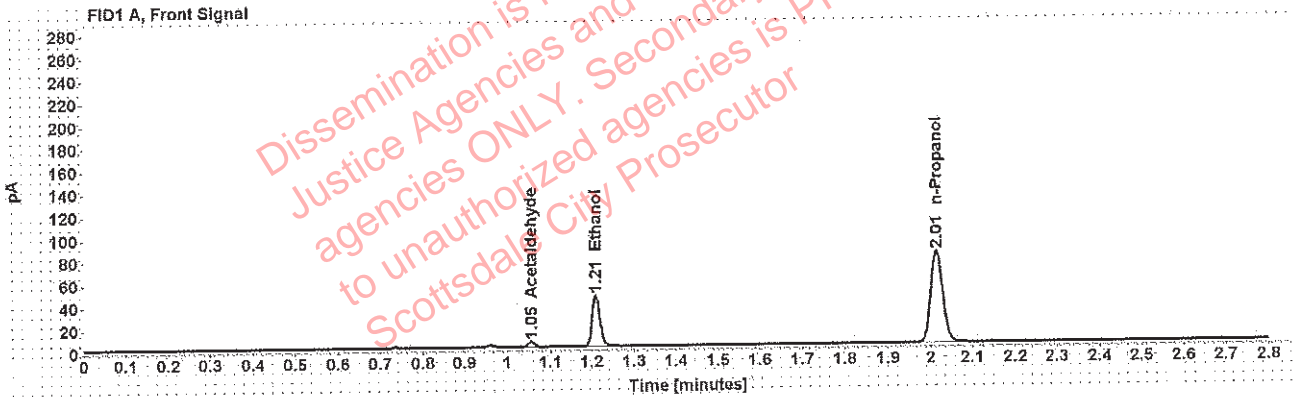


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 4.684     |
| >Ethanol     | 0.0902           | 1.210      | 58.166    |
| n-Propanol   | -----            | 2.015      | 162.536   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 6.084     |
| Ethanol      | 1.375      | 70.367    |
| n-Propanol   | 2.469      | 195.806   |

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                                |                 |                      |
|--------------|--------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                     | Vial:           | 49                   |
| Description: | [REDACTED]                     | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M                | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045          | Injection date: | 6/25/2019 6:28:57 PM |
| Data file:   | C:\Chem32\11\Data\25Jun19\49.D | Analyst:        | Adrian               |

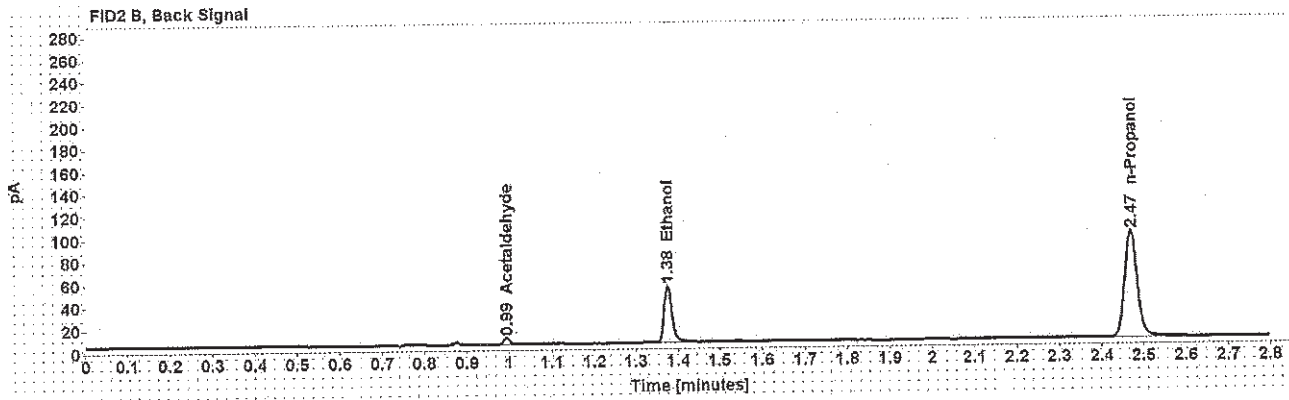
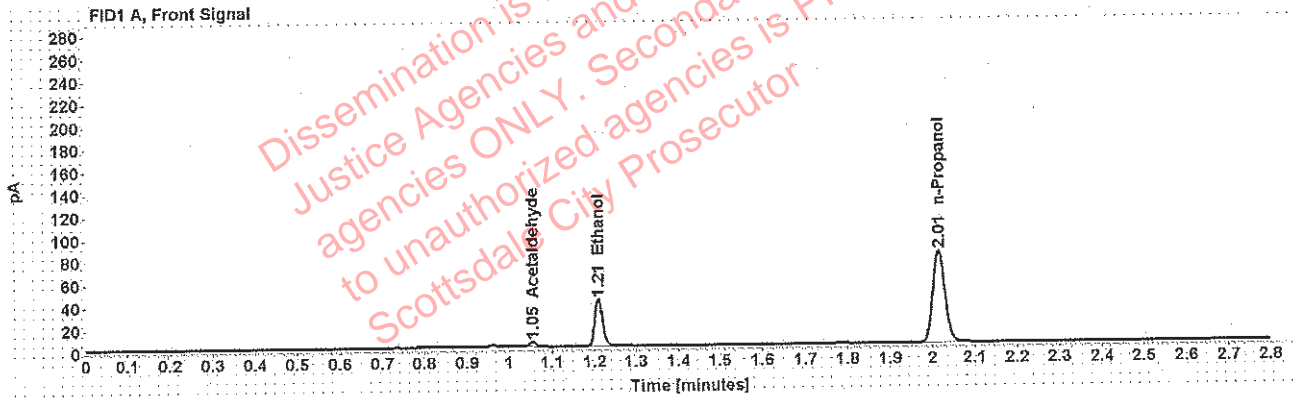


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 4.215     |
| >Ethanol     | 0.0833           | 1.210      | 53.589    |
| n-Propanol   | -----            | 2.015      | 162.510   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 5.487     |
| Ethanol      | 1.375      | 65.031    |
| n-Propanol   | 2.469      | 196.231   |



Adrian, William - (26-Jun-2019)

Case: User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      |                               | Vial:           | 50                   |
| Description: |                               | LIMS ID:        |                      |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 6:32:57 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\50.D | Analyst:        | Adrian               |

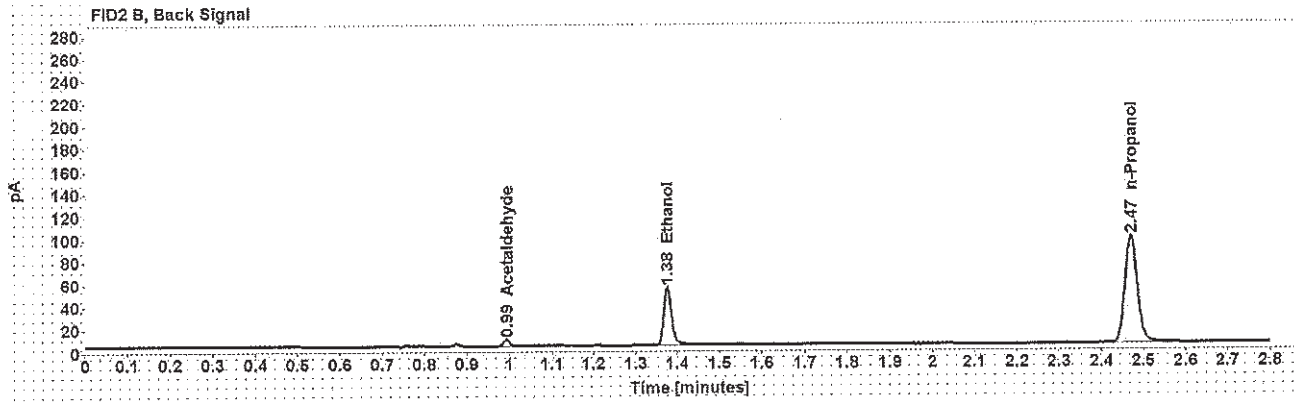
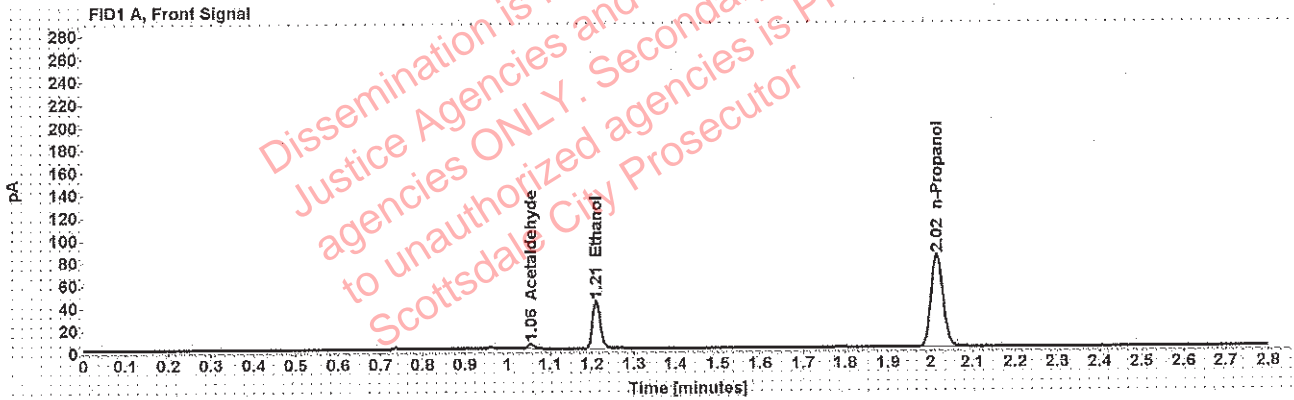


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 4.244     |
| >Ethanol     | 0.0833           | 1.210      | 54.218    |
| n-Propanol   | -----            | 2.015      | 164.275   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.994      | 5.515     |
| Ethanol      | 1.376      | 65.967    |
| n-Propanol   | 2.470      | 197.476   |

Adrian, William - (26-Jun-2019)

Case: User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      |                               | Vial:           | 51                   |
| Description: |                               | LIMS ID:        |                      |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 6:36:57 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\51.D | Analyst:        | Adrian               |

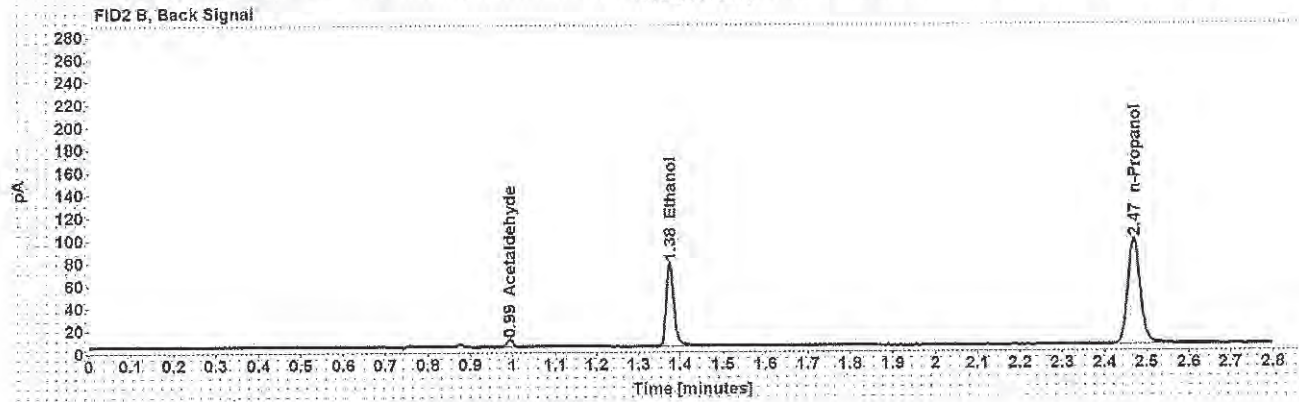
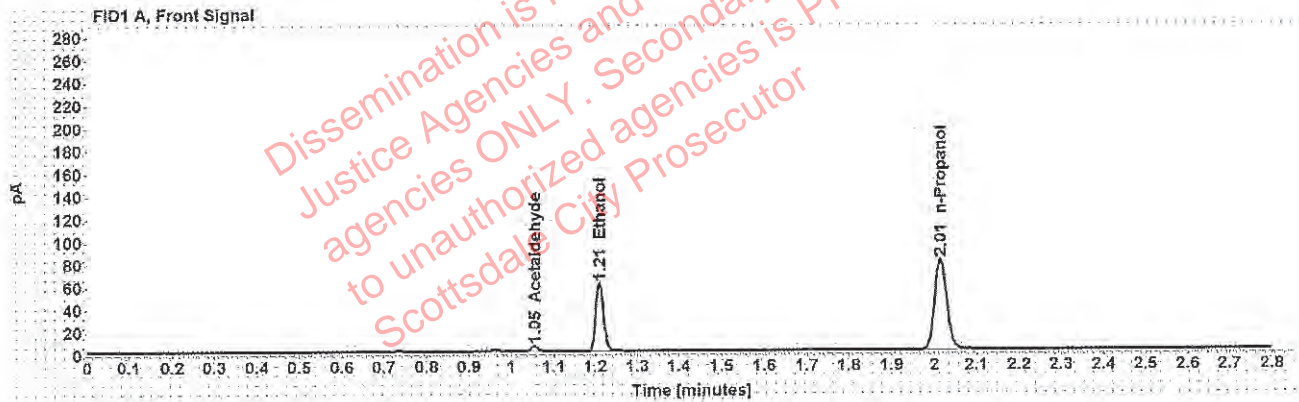


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 4.732     |
| >Ethanol     | 0.1216           | 1.209      | 77.878    |
| n-Propanol   | -----            | 2.015      | 160.718   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 6.151     |
| Ethanol      | 1.375      | 94.371    |
| n-Propanol   | 2.469      | 193.631   |

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 52                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 6:40:57 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\52.D | Analyst:        | Adrian               |

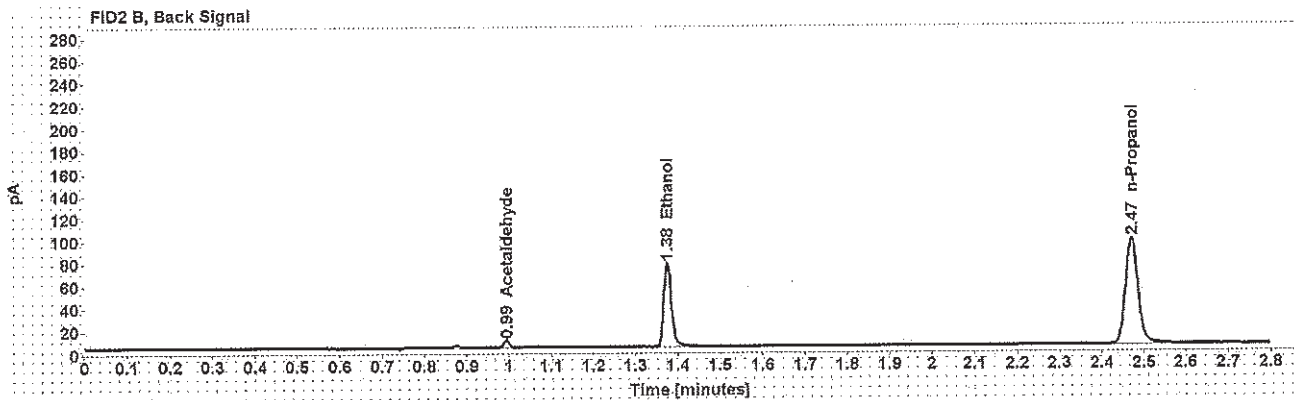
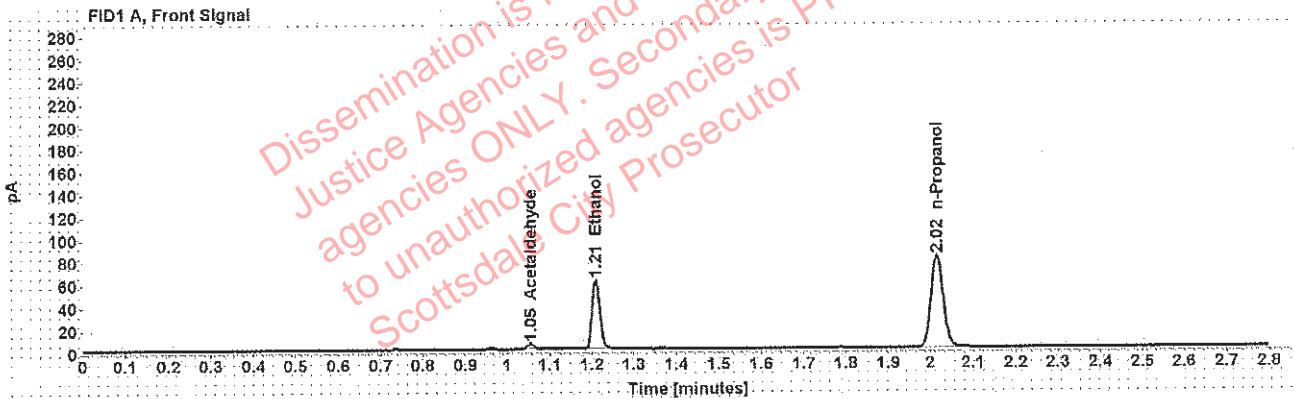


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 5.555     |
| >Ethanol     | 0.1213           | 1.210      | 78.419    |
| n-Propanol   | -----            | 2.015      | 162.205   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 6.197     |
| Ethanol      | 1.375      | 95.462    |
| n-Propanol   | 2.470      | 197.243   |

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 54                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 6:48:57 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\54.D | Analyst:        | Adrian               |

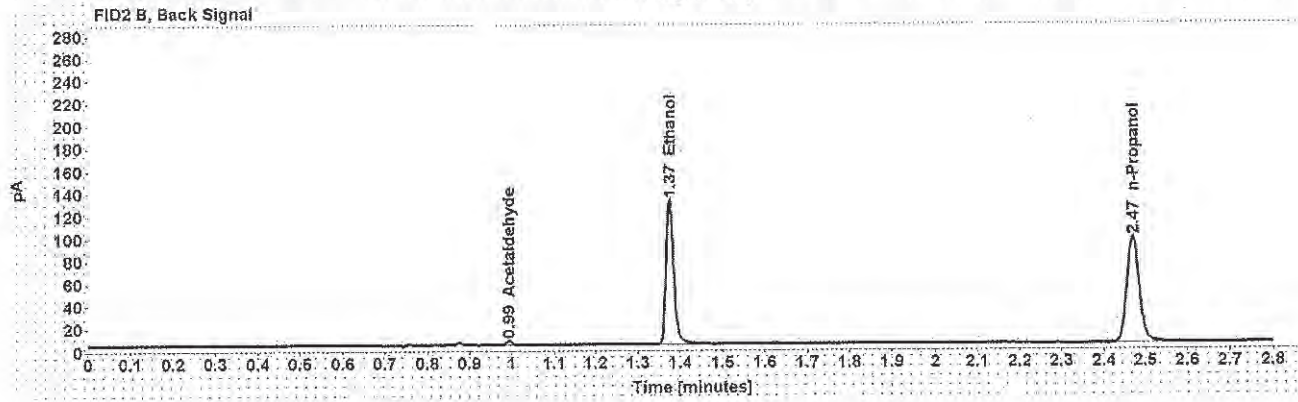
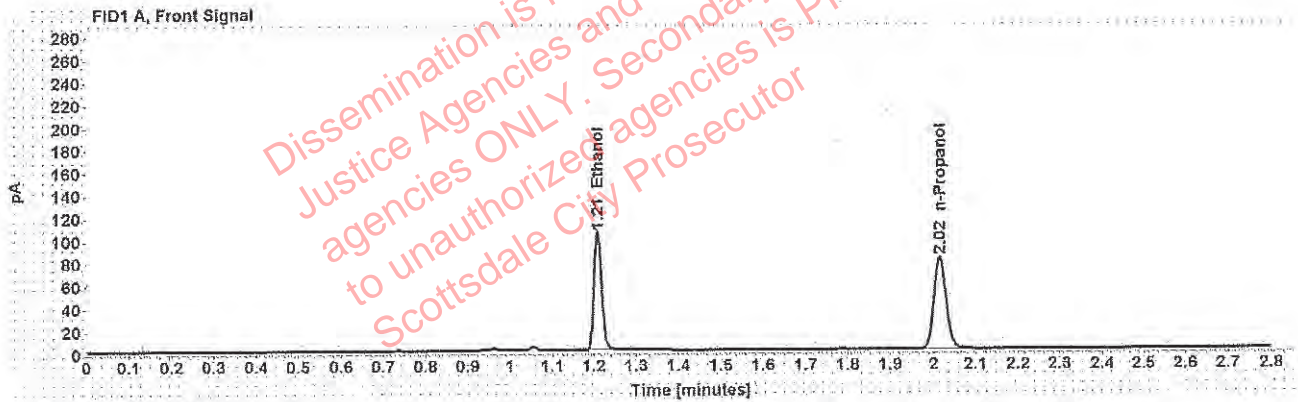


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2053           | 1.209      | 133.694   |
| n-Propanol | -----            | 2.015      | 162.540   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 3.876     |
| Ethanol      | 1.375      | 163.727   |
| n-Propanol   | 2.470      | 195.148   |



Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 55                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 6:53:11 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\55.D | Analyst:        | Adrian               |

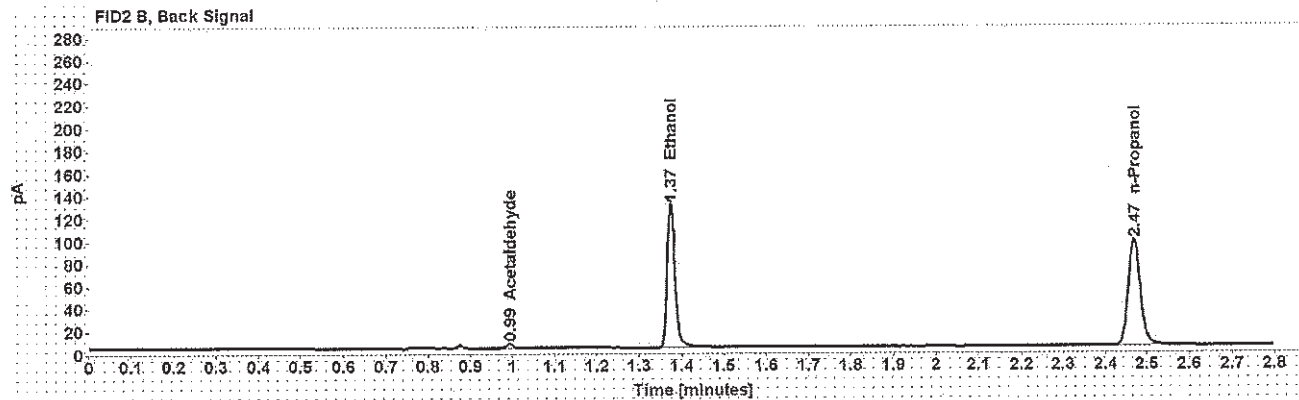
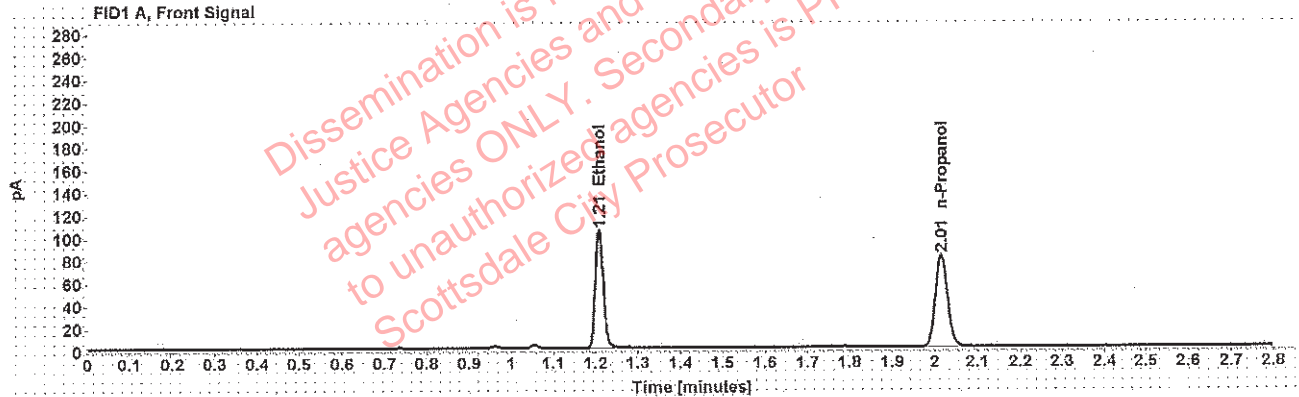


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2056           | 1.209      | 133.960   |
| n-Propanol | -----            | 2.015      | 162.585   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 3.779     |
| Ethanol      | 1.375      | 163.721   |
| n-Propanol   | 2.469      | 195.709   |

Adrian, William - (26-Jun-2019)

Case: [REDACTED] User: wadrian 6/26/2019

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 56                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 6:57:14 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\56.D | Analyst:        | Adrian               |

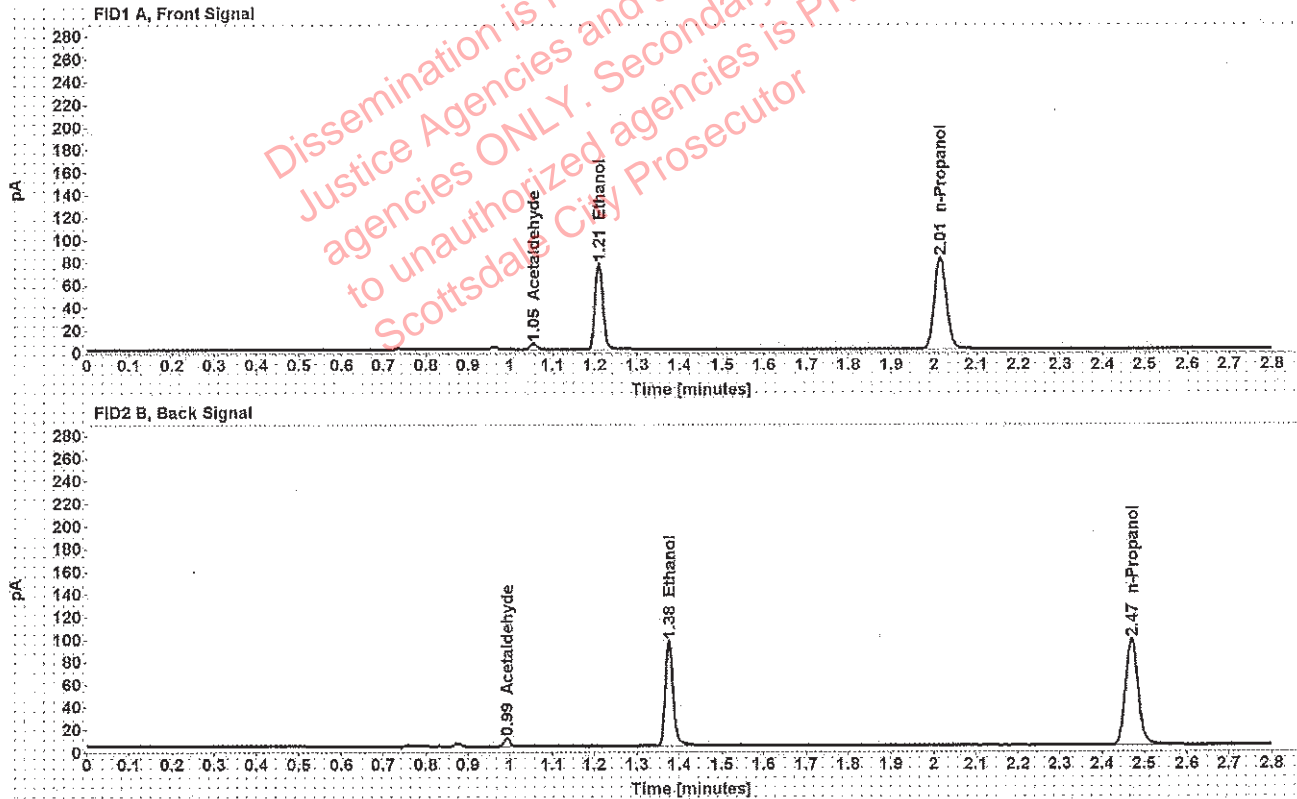


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 5.353     |
| >Ethanol     | 0.1505           | 1.209      | 97.976    |
| n-Propanol   | -----            | 2.015      | 162.881   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 6.922     |
| Ethanol      | 1.375      | 120.400   |
| n-Propanol   | 2.469      | 195.402   |



### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | [REDACTED]                    | Vial:           | 57                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 25Jun19              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 6/25/2019 7:01:13 PM |
| Data file:   | C:\Chem32\1\Data\25Jun19\57.D | Analyst:        | Adrian               |

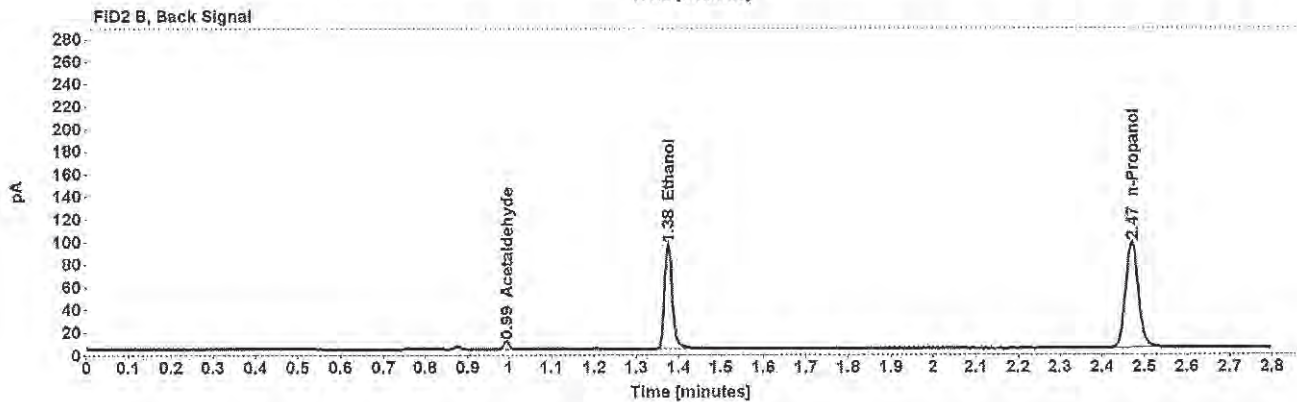
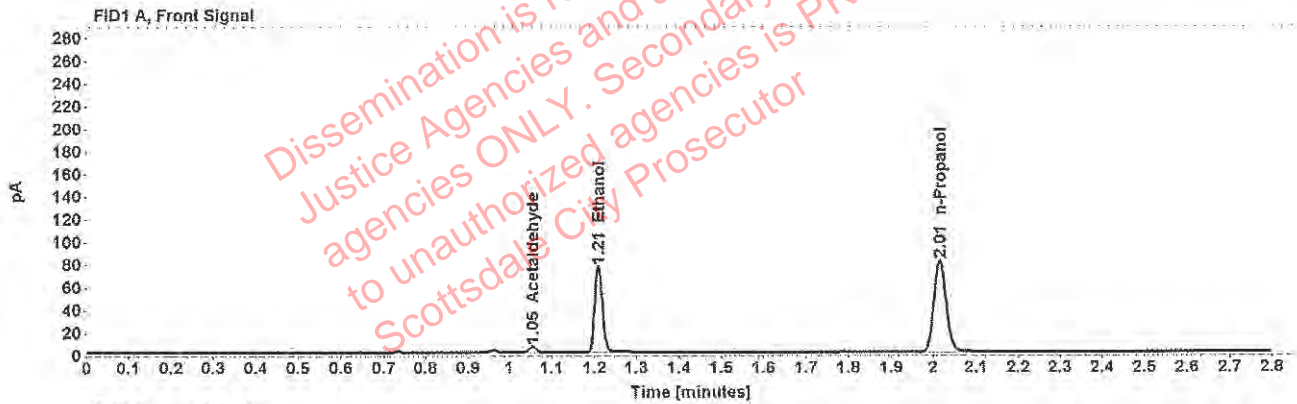


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | -----            | 1.055      | 5.283     |
| >Ethanol     | 0.1500           | 1.209      | 96.953    |
| n-Propanol   | -----            | 2.015      | 161.821   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993      | 6.854     |
| Ethanol      | 1.375      | 118.815   |
| n-Propanol   | 2.469      | 198.093   |