

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY

## BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 09/01/26

SEQUENCE NAME 01Sep26

### EQUIPMENT

Pipettor ☐ Hamilton ML600GA23163 ☒ Hamilton ML600EA20851  
Gas Chromatograph ☐ Agilent US14173023 ☒ Agilent US2320A024

### INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03062417 Coefficient of determination ( $r^2$ )  
Vial 2 0.10 calibrator Lot FN04042408 0.99999  
Vial 3 0.20 calibrator Lot FN07012401  
Vial 4 0.40 calibrator Lot FN04092401

### CALIBRATION VERIFICATION AND RESOLUTION TEST

| Vial | Sample            | Expected result | Measured result | Manufacturer/lot  |
|------|-------------------|-----------------|-----------------|-------------------|
| 5    | Blank             | Not detected    | Not detected    | SPD lab 061026WB  |
| 6    | Volatiles mixture | 6 compounds     | 6 compounds     | SPD lab 031726MIX |
| 7    | Aqueous control   | 0.400 g/dL      | 0.399 g/dL      | Lipomed C1475825  |
| 8    | Aqueous control   | 0.040 g/dL      | 0.039 g/dL      | Lipomed 529862    |
| 9    | Blood control     | 0.201 g/dL      | 0.196 g/dL      | ACQ 4190425129/6  |
| 20   | Aqueous control   | 0.100 g/dL      | 0.099 g/dL      | Lipomed C1455120  |
| 31   | Aqueous control   | 0.100 g/dL      | 0.100 g/dL      | Lipomed C1455120  |
| 42   | Aqueous control   | 0.400 g/dL      | 0.403 g/dL      | Lipomed C1475825  |
| 43   | Aqueous control   | 0.040 g/dL      | 0.038 g/dL      | Lipomed 529862    |
| 44   | Blood control     | 0.201 g/dL      | 0.195 g/dL      | ACQ 4190425129/6  |
| 45   | Blank             | Not detected    | Not detected    | SPD lab 073126AQ  |
|      |                   |                 |                 |                   |
|      |                   |                 |                 |                   |
|      |                   |                 |                 |                   |

### SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid ☒

Run invalid ☐

Alexandra J. Guroyo  
Analyst

Run valid ☒

Run invalid ☐

Lori Abbott  
Technical Reviewer

# Scottsdale Police Department Crime Laboratory

## Sequence Quality Assurance Summary

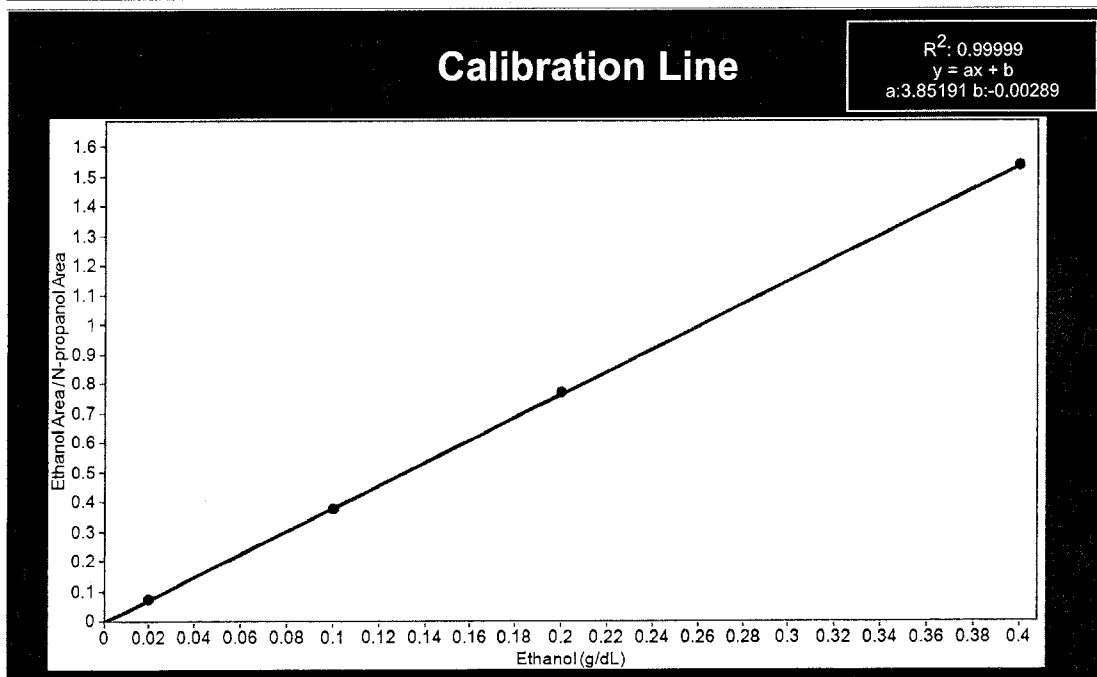
Sequence: 01Sep26

Analyst: Arroyo

*aya*

| Sample Name        | Vial | Measured Value (g/dL) | Expected Value (g/dL) | Percent Difference | Absolute Difference (g/dL) |
|--------------------|------|-----------------------|-----------------------|--------------------|----------------------------|
| blank 061026WB     | 5    | negative              | negative              | -                  | -                          |
| 0.400 C1475825     | 7    | 0.399                 | 0.400                 | 0.25               | 0.001                      |
| 0.040 529862       | 8    | 0.039                 | 0.040                 | 2.50               | 0.001                      |
| 0.201 4190425129/6 | 9    | 0.196                 | 0.201                 | 2.49               | 0.005                      |
| 0.100 C1455120     | 20   | 0.099                 | 0.100                 | 1.00               | 0.001                      |
| 0.100 C1455120     | 31   | 0.100                 | 0.100                 | 0.00               | 0.000                      |
| 0.400 C1475825     | 42   | 0.403                 | 0.400                 | 0.75               | 0.003                      |
| 0.040 529862       | 43   | 0.038                 | 0.040                 | 5.00               | 0.002                      |
| 0.201 4190425129/6 | 44   | 0.195                 | 0.201                 | 2.99               | 0.006                      |
| blank 073126AQ     | 45   | negative              | negative              | -                  | -                          |

| Calibrator | Ethanol Area | N-propanol Area | Ratio |
|------------|--------------|-----------------|-------|
| 0.020      | 15.392       | 207.219         | 0.074 |
| 0.100      | 78.282       | 205.896         | 0.380 |
| 0.200      | 170.035      | 220.715         | 0.770 |
| 0.400      | 329.968      | 214.691         | 1.537 |



# Scottsdale Police Department Crime Lab Volatiles Analysis

**Sample:** FN03062417 **Vial:** 1  
**Description:** 0.020 Calibrator **Sequence:** 01Sep26  
**Method:** ethanol quant.M **Injection date:** 9/1/2026 4:41:10 PM  
**Instrument:** US2320A024 US23180007 **Analyst:** Arroyo  
**Data file:** C:\Chem32\1\Data\01Sep26\1.D

*Arroyo*

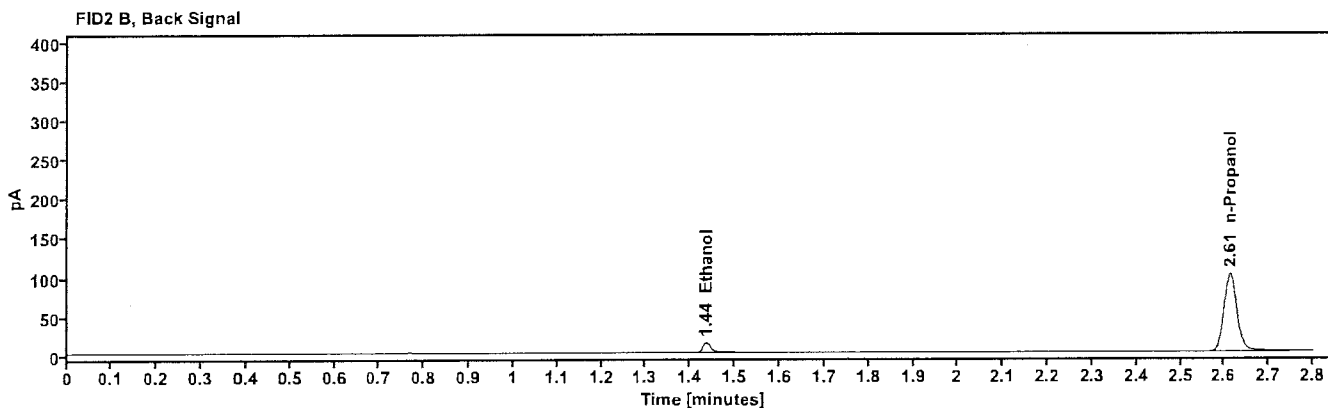
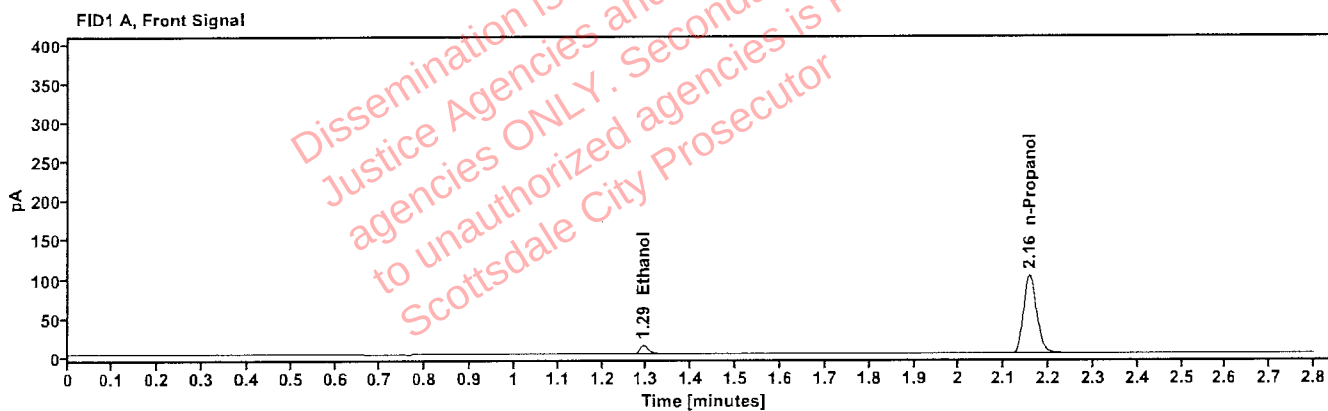


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.293      | 15.392    |
| n-Propanol | 2.157      | 207.219   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.436      | 15.888    |
| n-Propanol | 2.613      | 210.355   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN04042408 Vial: 2  
Description: 0.100 Calibrator Sequence: 01Sep26  
Method: ethanol quant.M Injection date: 9/1/2026 4:44:59 PM  
Instrument: US2320A024 US23180007 Analyst: Arroyo  
Data file: C:\Chem32\1\Data\01Sep26\2.D

*ajr*

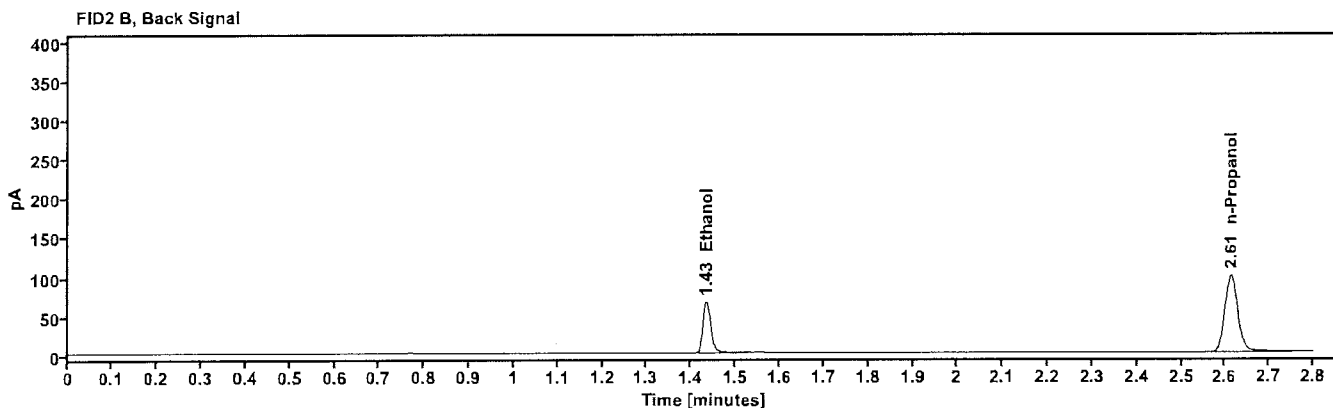
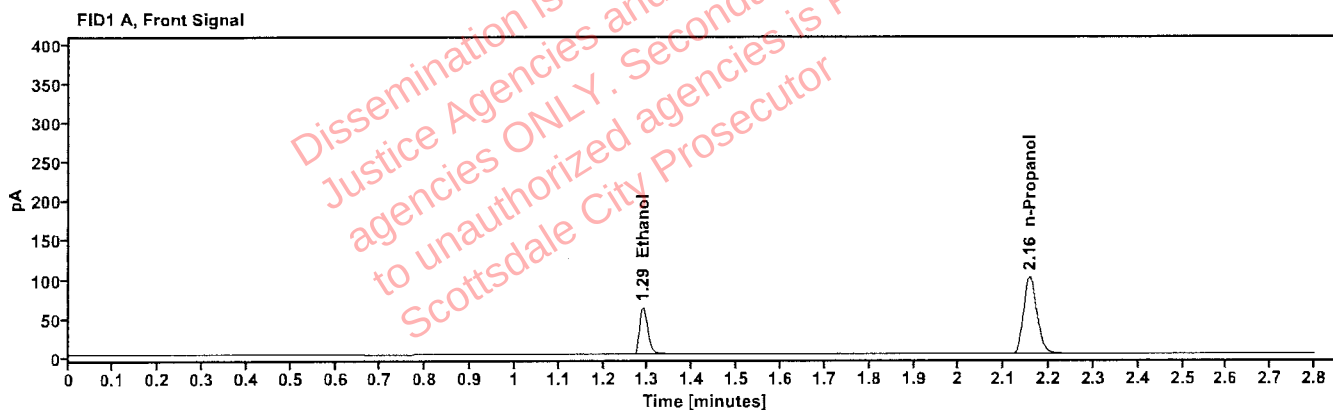


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.289      | 78.282    |
| n-Propanol | 2.157      | 205.896   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.434      | 80.536    |
| n-Propanol | 2.613      | 208.796   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|                     |                              |                        |                     |
|---------------------|------------------------------|------------------------|---------------------|
| <b>Sample:</b>      | FN07012401                   | <b>Vial:</b>           | 3                   |
| <b>Description:</b> | 0.200 Calibrator             | <b>Sequence:</b>       | 01Sep26             |
| <b>Method:</b>      | ethanol quant.M              | <b>Injection date:</b> | 9/1/2026 4:48:47 PM |
| <b>Instrument:</b>  | US2320A024 US23180007        | <b>Analyst:</b>        | Arroyo <i>aje</i>   |
| <b>Data file:</b>   | C:\Chem32\1\Data\01Sep26\3.D |                        |                     |

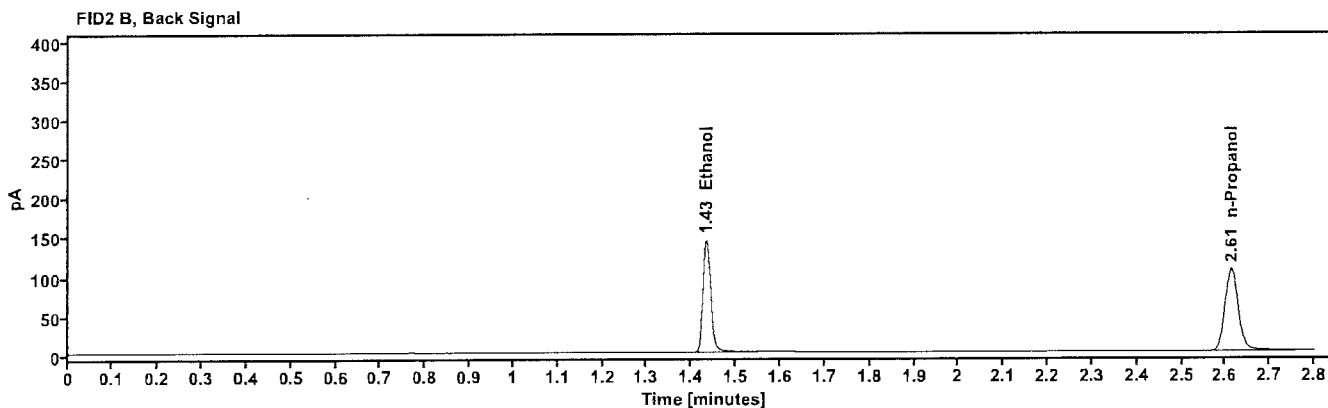
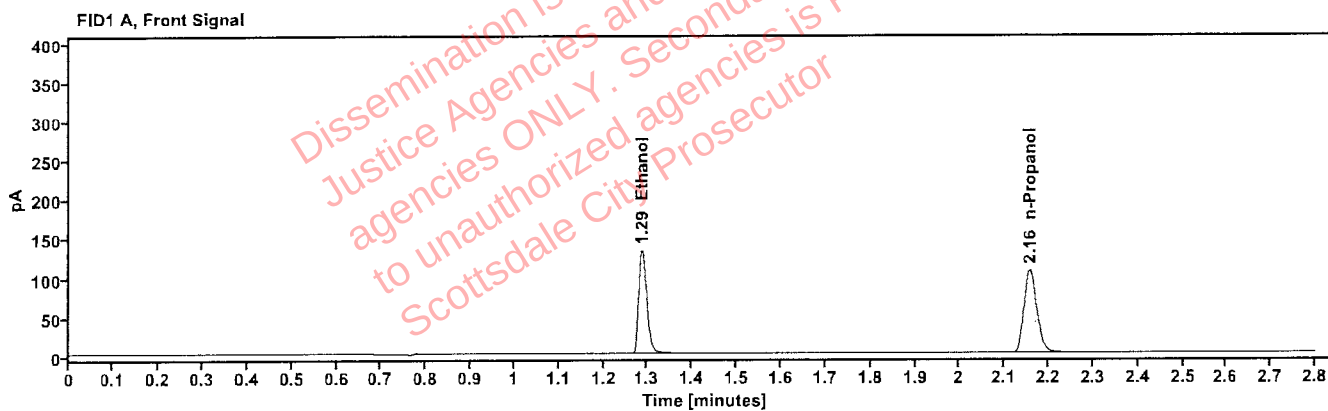


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.288      | 170.035   |
| n-Propanol | 2.157      | 220.715   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.433      | 175.040   |
| n-Propanol | 2.613      | 223.520   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

**Sample:** FN04092401  
**Description:** 0.400 Calibrator  
**Method:** ethanol quant.M  
**Instrument:** US2320A024 US23180007  
**Data file:** C:\Chem321\Data\01Sep26\4.D

**Vial:** 4  
**Sequence:** 01Sep26  
**Injection date:** 9/1/2026 4:52:35 PM  
**Analyst:** Arroyo

*ajr*

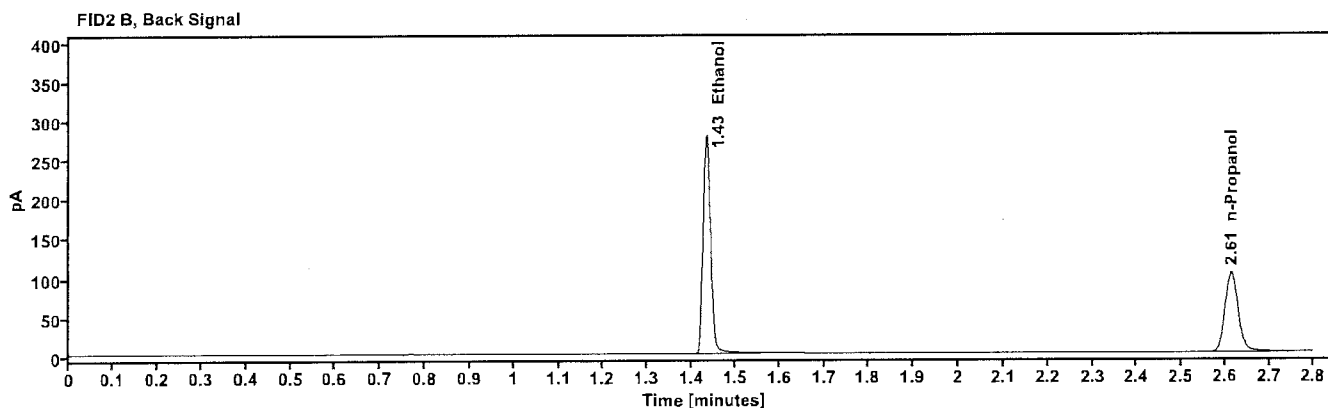
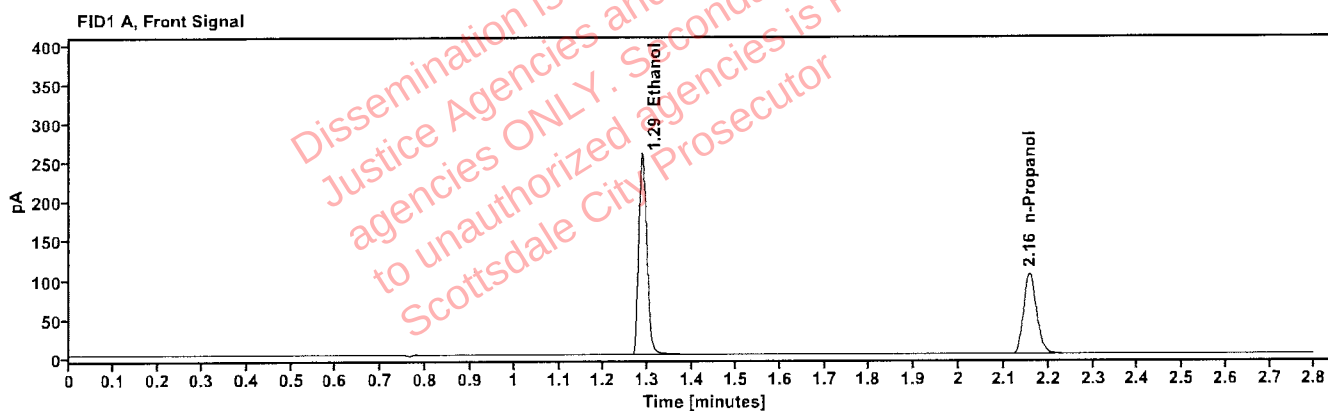


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.287      | 329.968   |
| n-Propanol | 2.157      | 214.691   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.433      | 339.591   |
| n-Propanol | 2.613      | 217.367   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|                     |                              |                        |                      |
|---------------------|------------------------------|------------------------|----------------------|
| <b>Sample:</b>      | 061026WB                     | <b>Vial:</b>           | 5                    |
| <b>Description:</b> | negative                     | <b>LIMS ID:</b>        |                      |
| <b>Method:</b>      | ethanol quant.M              | <b>Sequence:</b>       | 01Sep26              |
| <b>Instrument:</b>  | US2320A024 US23180007        | <b>Injection date:</b> | 9/1/2026 4:56:23 PM  |
| <b>Data file:</b>   | C:\Chem32\1\Data\01Sep26\5.D | <b>Analyst:</b>        | Arroyo <i>Arroyo</i> |

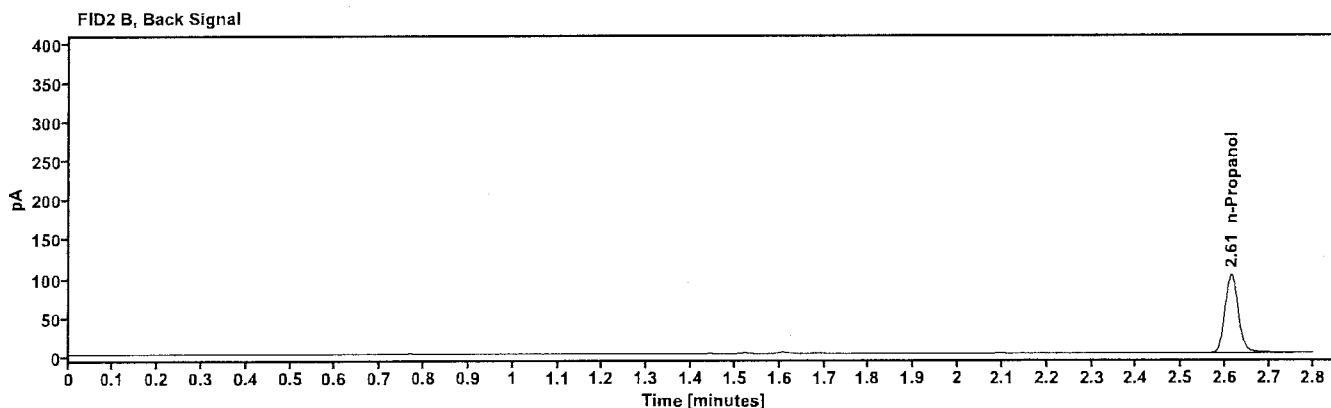
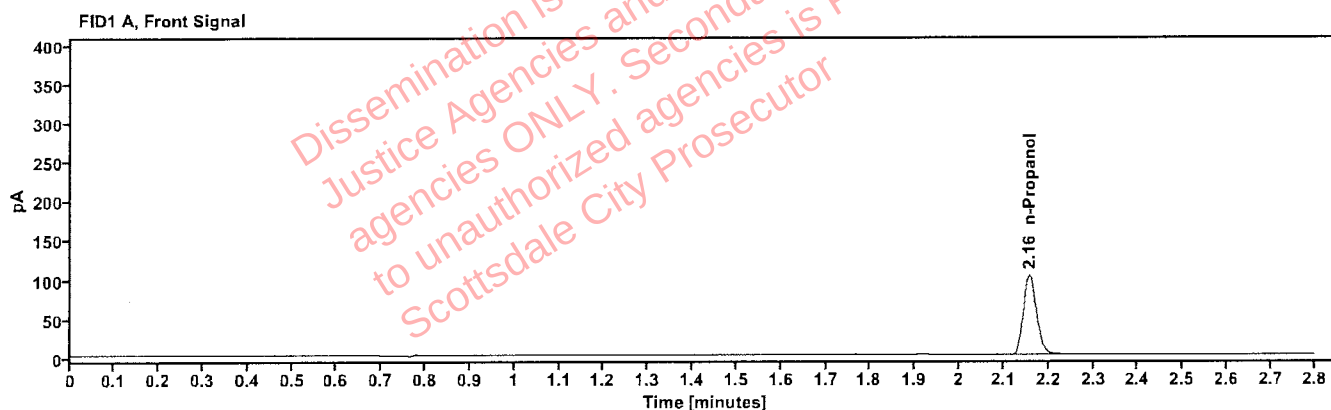


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | -----            | 2.157      | 211.863   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.613      | 214.859   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

**Sample:** 031726MIX **Vial:** 6  
**Description:** Volatile Mix **LIMS ID:**  
**Method:** ethanol quant.M **Sequence:** 01Sep26  
**Instrument:** US2320A024 US23180007 **Injection date:** 9/1/2026 5:00:10 PM  
**Data file:** C:\Chem32\1\Data\01Sep26\6.D **Analyst:** Arroyo

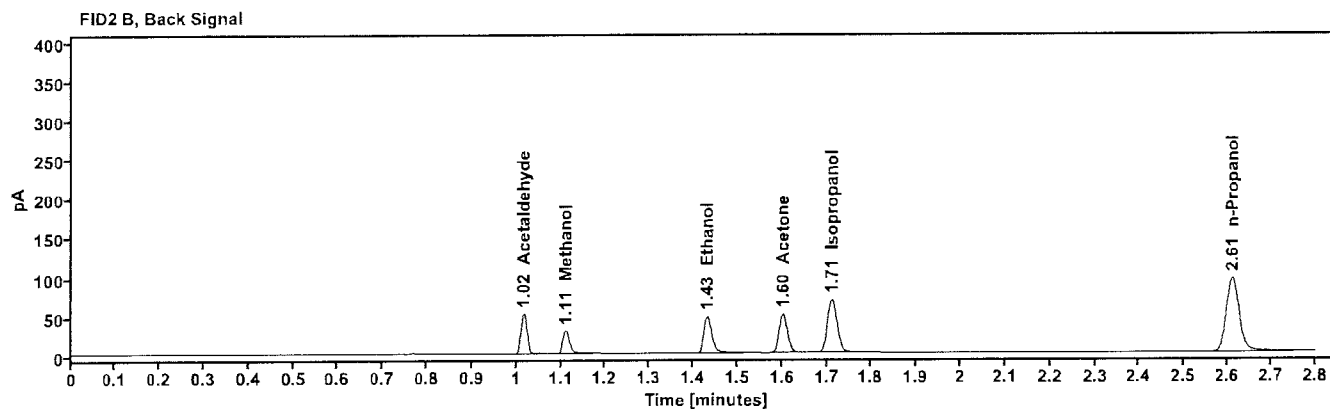
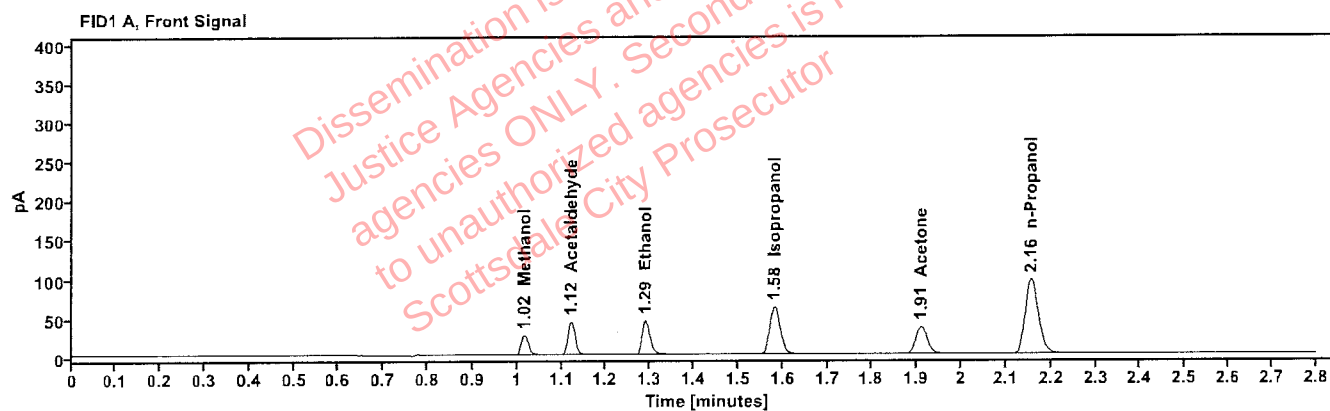


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| Methanol           | -----            | 1.017      | 29.863    |
| Acetaldehyde       | -----            | 1.122      | 47.187    |
| quantified Ethanol | 0.0756           | 1.289      | 57.580    |
| Isopropanol        | -----            | 1.582      | 101.628   |
| Acetone            | -----            | 1.909      | 64.343    |
| n-Propanol         | -----            | 2.156      | 199.585   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 1.017      | 48.956    |
| Methanol     | 1.111      | 30.535    |
| Ethanol      | 1.432      | 59.073    |
| Acetone      | 1.602      | 66.407    |
| Isopropanol  | 1.712      | 104.542   |
| n-Propanol   | 2.611      | 201.929   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|                     |                              |                        |                           |
|---------------------|------------------------------|------------------------|---------------------------|
| <b>Sample:</b>      | C1475825                     | <b>Vial:</b>           | 7                         |
| <b>Description:</b> | 0.400                        | <b>LIMS ID:</b>        |                           |
| <b>Method:</b>      | ethanol quant.M              | <b>Sequence:</b>       | 01Sep26                   |
| <b>Instrument:</b>  | US2320A024 US23180007        | <b>Injection date:</b> | 9/1/2026 5:05:10 PM       |
| <b>Data file:</b>   | C:\Chem32\1\Data\01Sep26\7.D | <b>Analyst:</b>        | Arroyo <i>[Signature]</i> |

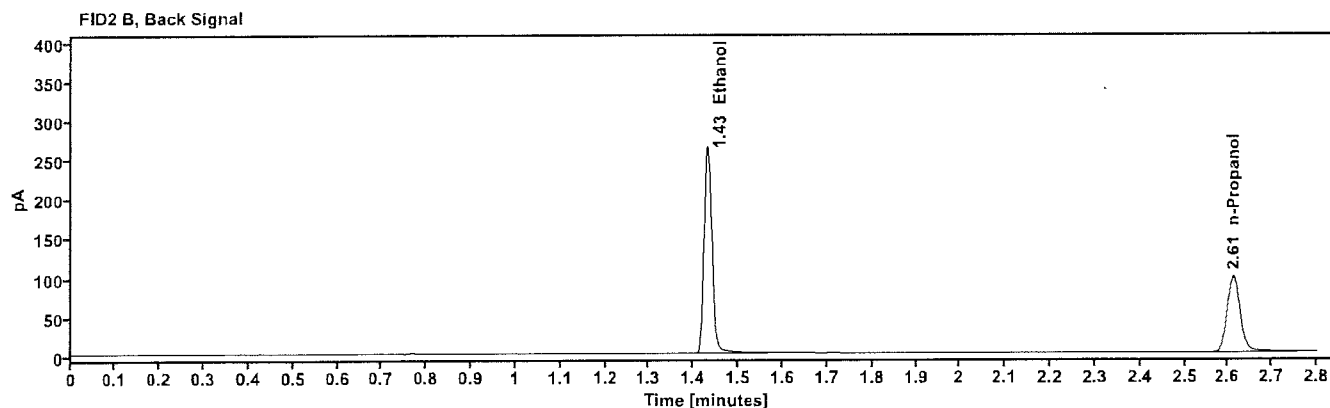
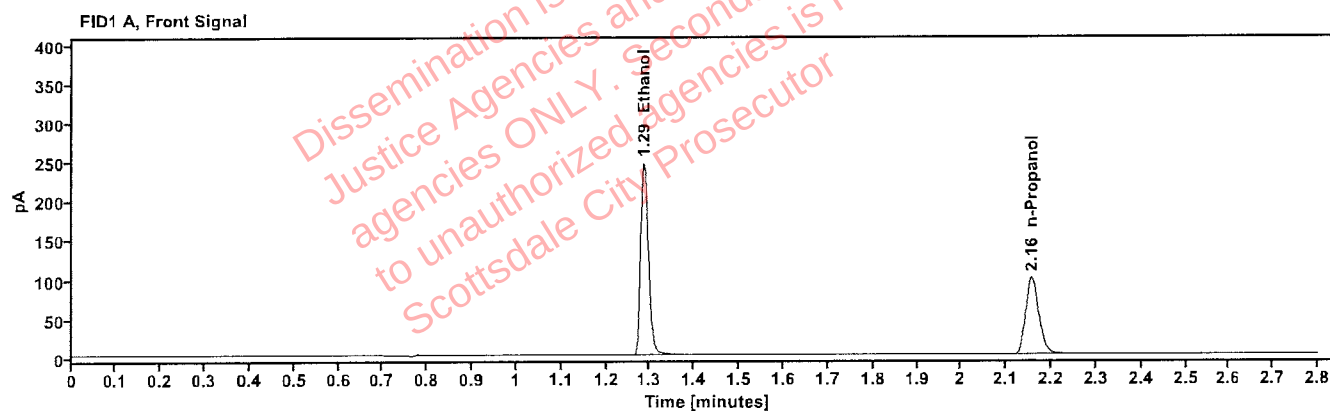


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.3990           | 1.286      | 314.984   |
| n-Propanol         |                  | 2.156      | 205.316   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.431      | 324.206   |
| n-Propanol | 2.612      | 207.876   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|                     |                              |                        |                     |
|---------------------|------------------------------|------------------------|---------------------|
| <b>Sample:</b>      | 529862                       | <b>Vial:</b>           | 8                   |
| <b>Description:</b> | 0.040                        | <b>LIMS ID:</b>        |                     |
| <b>Method:</b>      | ethanol quant.M              | <b>Sequence:</b>       | 01Sep26             |
| <b>Instrument:</b>  | US2320A024 US23180007        | <b>Injection date:</b> | 9/1/2026 5:08:59 PM |
| <b>Data file:</b>   | C:\Chem32\1\Data\01Sep26\8.D | <b>Analyst:</b>        | Arroyo <i>ayh</i>   |

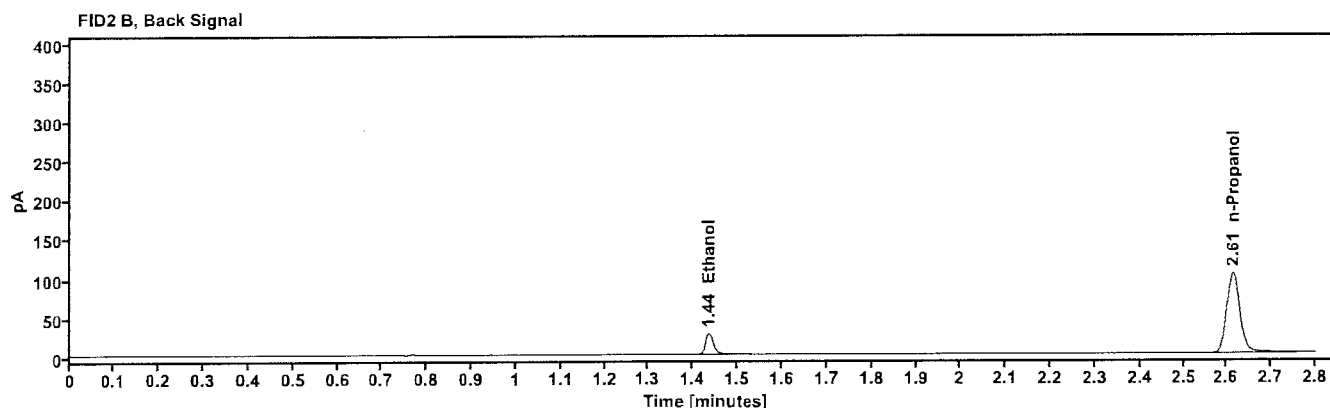
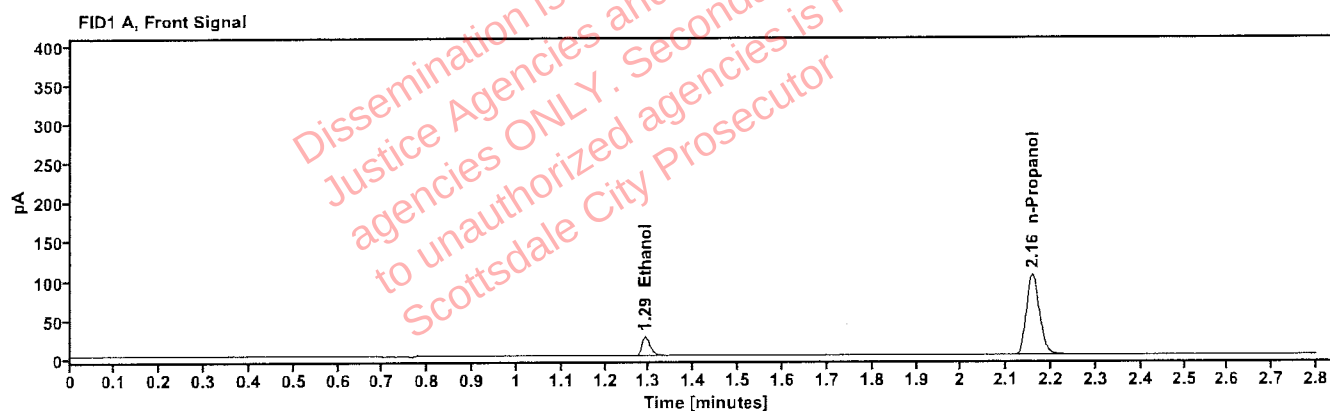


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.0399           | 1.291      | 32.414    |
| n-Propanol         | -----            | 2.157      | 215.221   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.435      | 33.264    |
| n-Propanol | 2.614      | 217.735   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|                     |                              |                        |                           |
|---------------------|------------------------------|------------------------|---------------------------|
| <b>Sample:</b>      | 4190425129/6                 | <b>Vial:</b>           | 9                         |
| <b>Description:</b> | 0.201                        | <b>LIMS ID:</b>        |                           |
| <b>Method:</b>      | ethanol quant.M              | <b>Sequence:</b>       | 01Sep26                   |
| <b>Instrument:</b>  | US2320A024 US23180007        | <b>Injection date:</b> | 9/1/2026 5:12:45 PM       |
| <b>Data file:</b>   | C:\Chem32\1\Data\01Sep26\9.D | <b>Analyst:</b>        | Arroyo <i>[Signature]</i> |

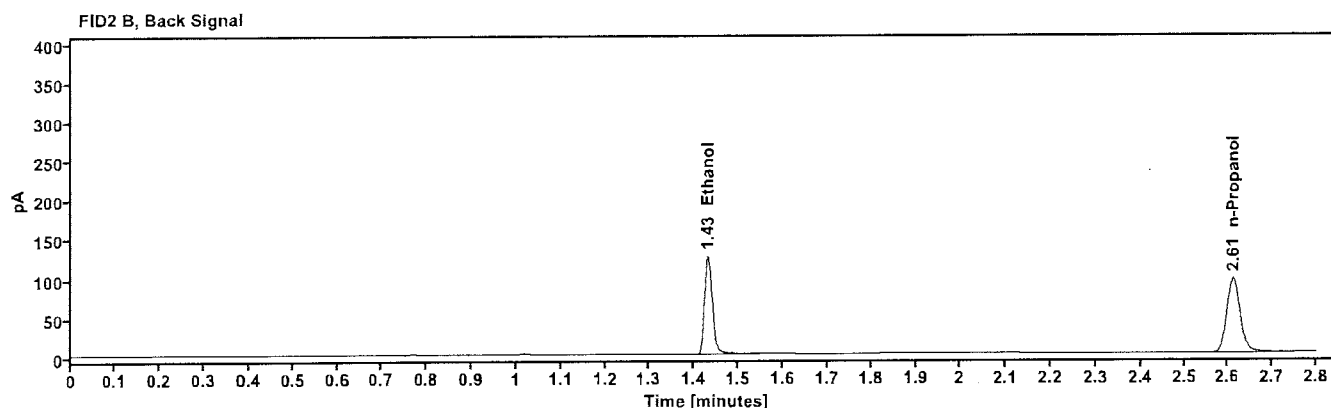
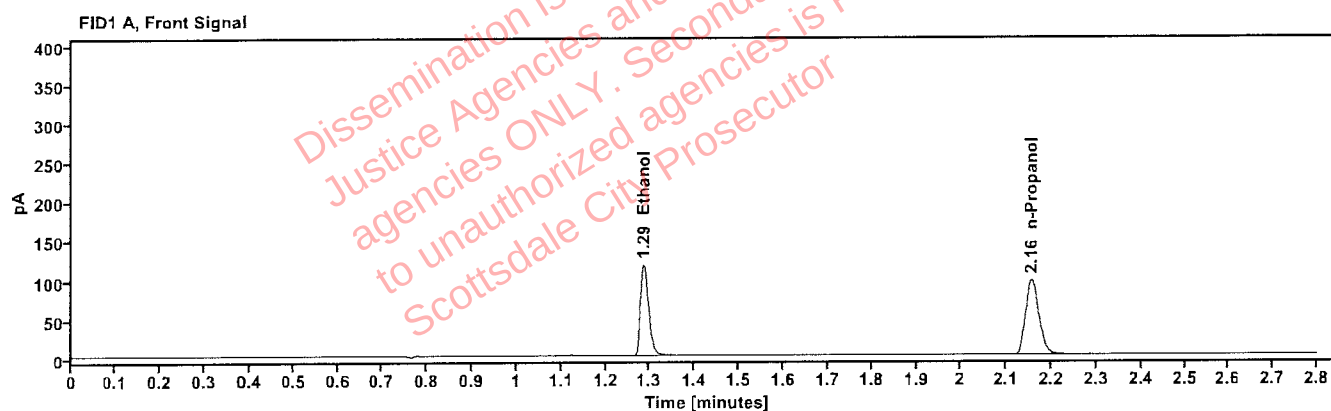


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.1961           | 1.287      | 151.346   |
| n-Propanol         | ---              | 2.156      | 201.158   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.430      | 155.598   |
| n-Propanol | 2.611      | 203.422   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|                     |                               |                        |                     |
|---------------------|-------------------------------|------------------------|---------------------|
| <b>Sample:</b>      | C1455120                      | <b>Vial:</b>           | 20                  |
| <b>Description:</b> | 0.100                         | <b>LIMS ID:</b>        |                     |
| <b>Method:</b>      | ethanol quant.M               | <b>Sequence:</b>       | 01Sep26             |
| <b>Instrument:</b>  | US2320A024 US23180007         | <b>Injection date:</b> | 9/1/2026 5:56:59 PM |
| <b>Data file:</b>   | C:\Chem32\1\Data\01Sep26\20.D | <b>Analyst:</b>        | Arroyo <i>aga</i>   |

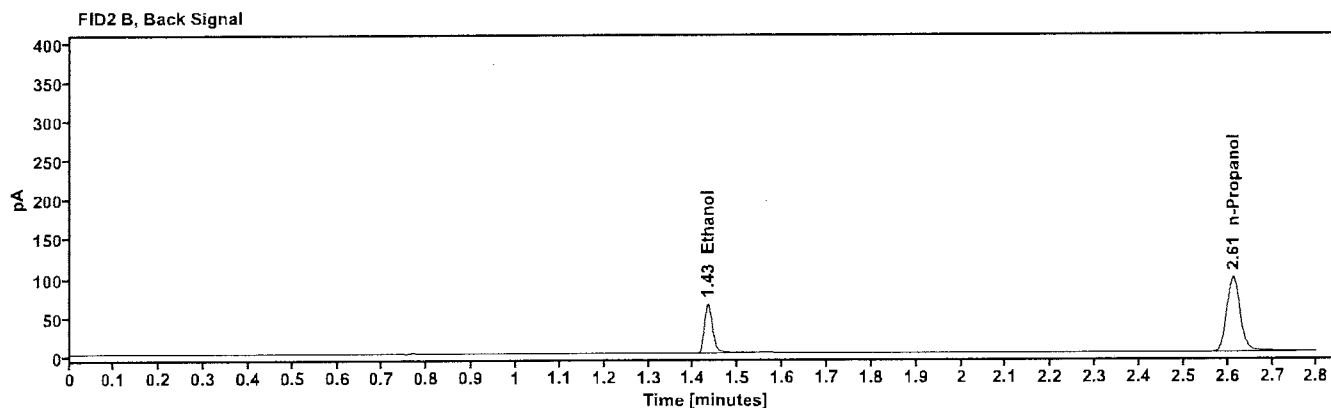
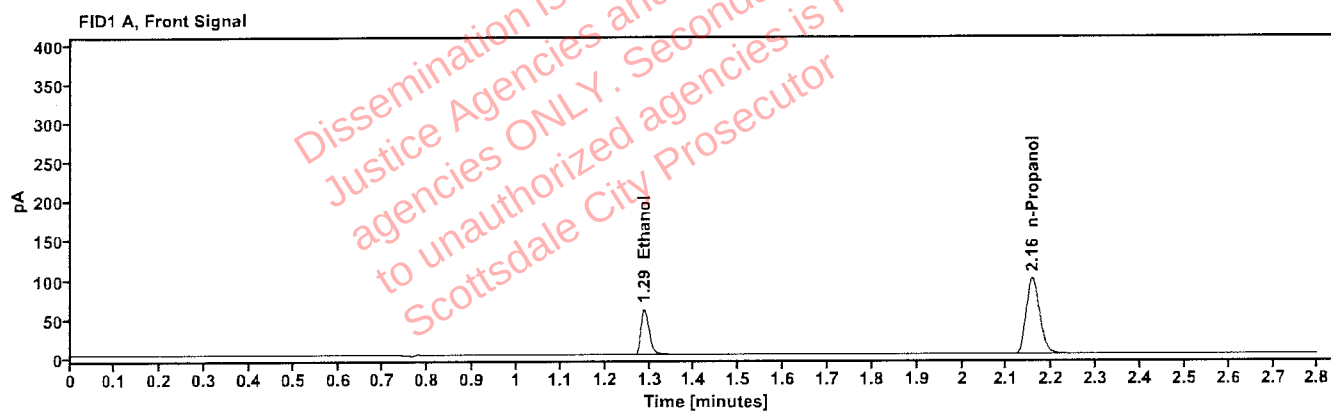


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.0993           | 1.288      | 77.057    |
| n-Propanol         | ----             | 2.156      | 202.997   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.432      | 79.287    |
| n-Propanol | 2.612      | 205.335   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

**Sample:** C1455120 **Vial:** 31  
**Description:** 0.100 **LIMS ID:**  
**Method:** ethanol quant.M **Sequence:** 01Sep26  
**Instrument:** US2320A024 US23180007 **Injection date:** 9/1/2026 6:41:11 PM  
**Data file:** C:\Chem32\1\Data\01Sep26\31.D **Analyst:** Arroyo

*[Signature]*

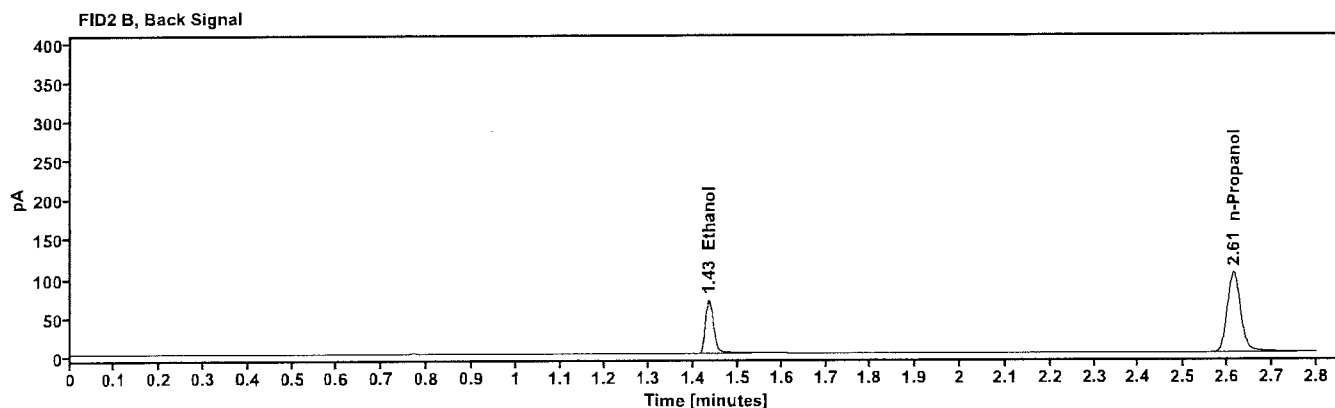
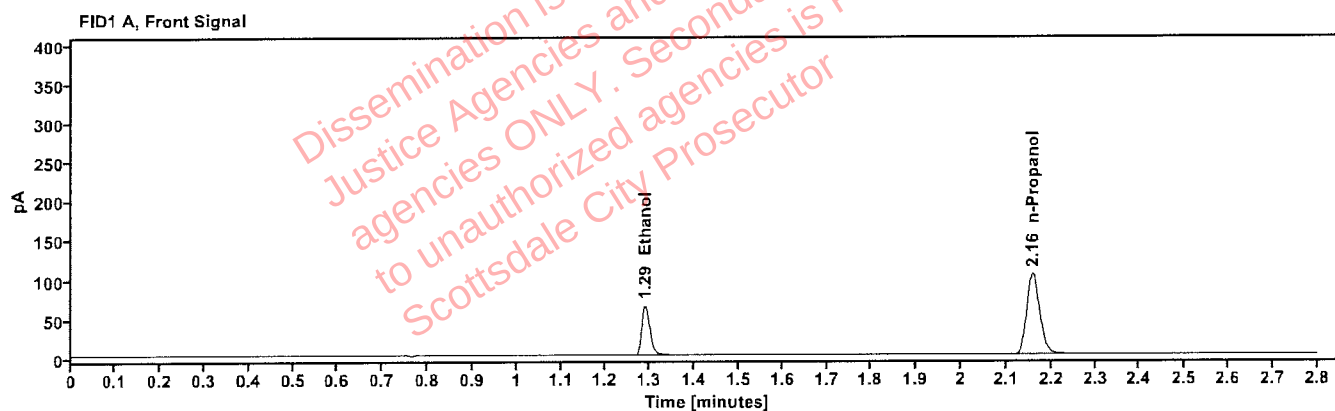


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.1007           | 1.290      | 83.085    |
| n-Propanol         | ----             | 2.158      | 215.815   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.434      | 85.152    |
| n-Propanol | 2.614      | 218.470   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

**Sample:** C1475825 **Vial:** 42  
**Description:** 0.400 **LIMS ID:**  
**Method:** ethanol quant.M **Sequence:** 01Sep26  
**Instrument:** US2320A024 US23180007 **Injection date:** 9/1/2026 7:24:10 PM  
**Data file:** C:\Chem32\1\Data\01Sep26\42.D **Analyst:** Arroyo

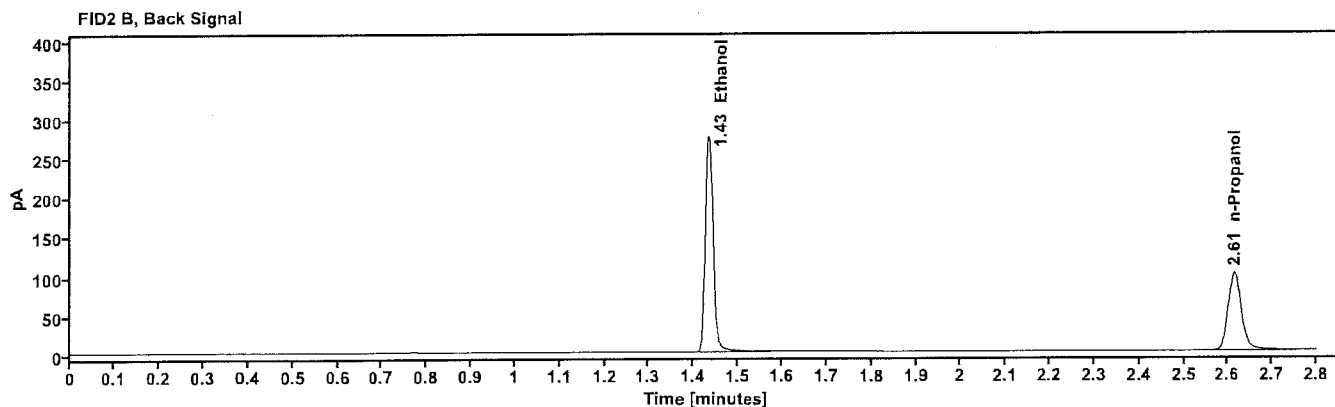
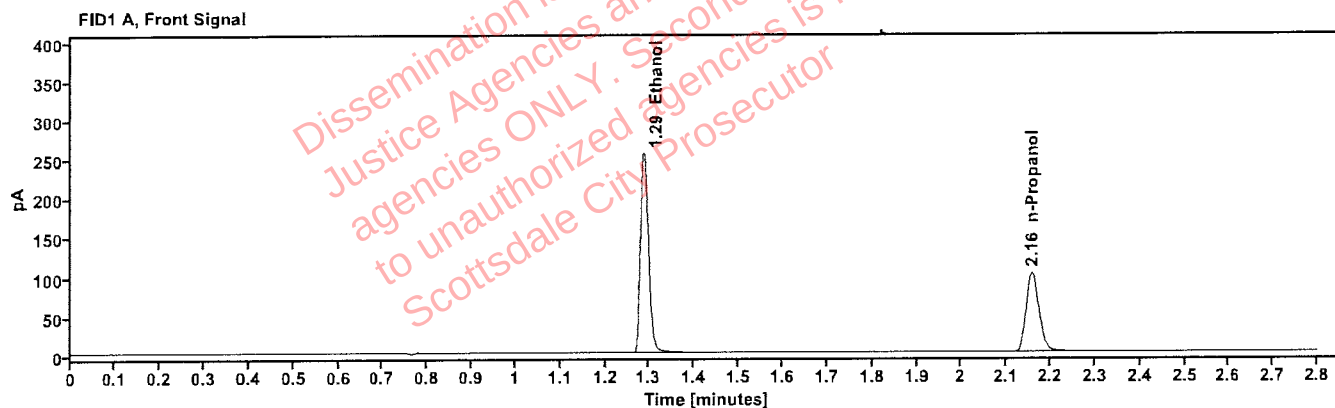


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.4030           | 1.288      | 326.812   |
| n-Propanol         | -----            | 2.158      | 210.906   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.434      | 336.421   |
| n-Propanol | 2.614      | 213.197   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|                     |                               |                        |                     |
|---------------------|-------------------------------|------------------------|---------------------|
| <b>Sample:</b>      | 529862                        | <b>Vial:</b>           | 43                  |
| <b>Description:</b> | 0.040                         | <b>LIMS ID:</b>        |                     |
| <b>Method:</b>      | ethanol quant.M               | <b>Sequence:</b>       | 01Sep26             |
| <b>Instrument:</b>  | US2320A024 US23180007         | <b>Injection date:</b> | 9/1/2026 7:29:09 PM |
| <b>Data file:</b>   | C:\Chem32\1\Data\01Sep26\43.D | <b>Analyst:</b>        | Arroyo <i>aje</i>   |

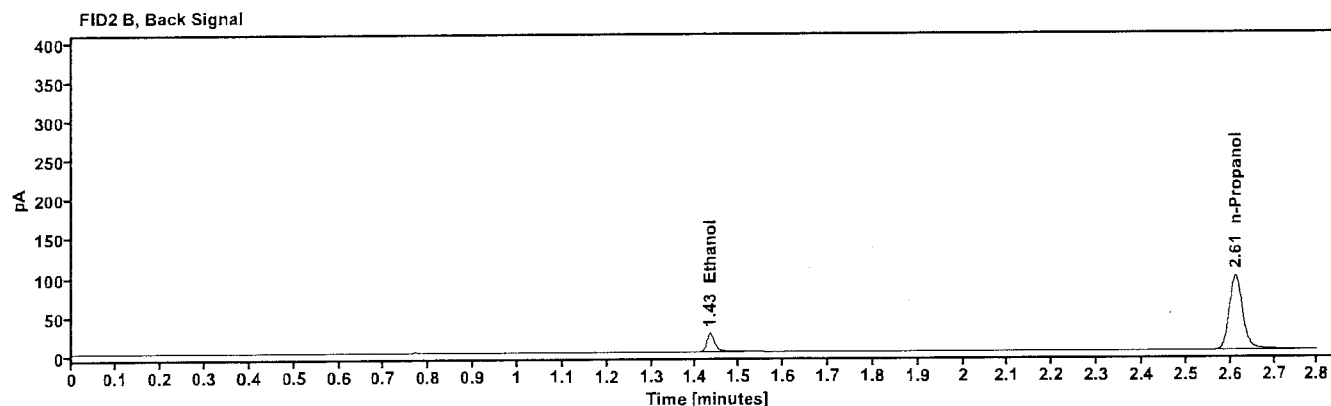
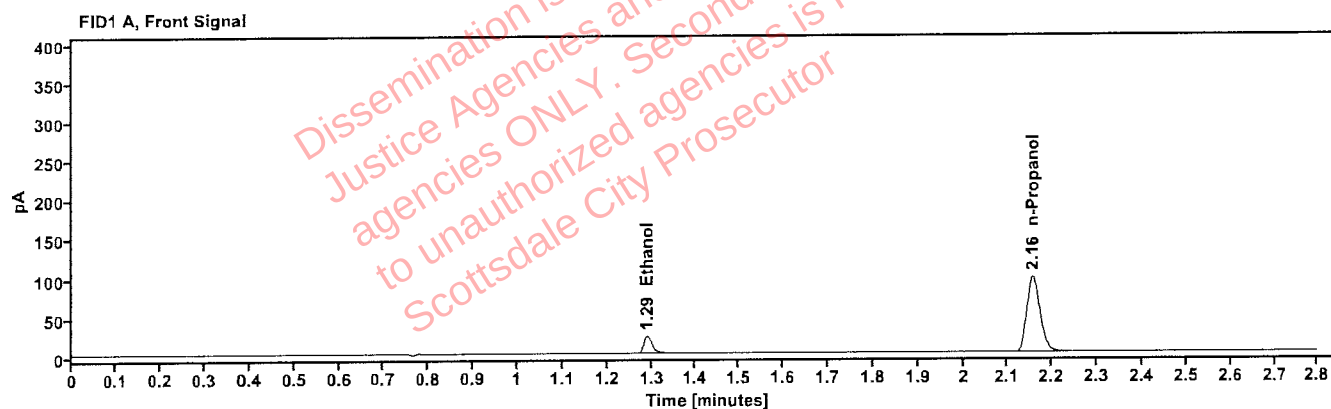


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.0389           | 1.290      | 29.665    |
| n-Propanol         | -----            | 2.156      | 201.958   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.433      | 30.493    |
| n-Propanol | 2.612      | 204.398   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

**Sample:** 4190425129/6  
**Description:** 0.201  
**Method:** ethanol quant.M  
**Instrument:** US2320A024 US23180007  
**Data file:** C:\Chem32\1\Data\01Sep26\44.D

**Vial:** 44  
**LIMS ID:**  
**Sequence:** 01Sep26  
**Injection date:** 9/1/2026 7:32:58 PM  
**Analyst:** Arroyo

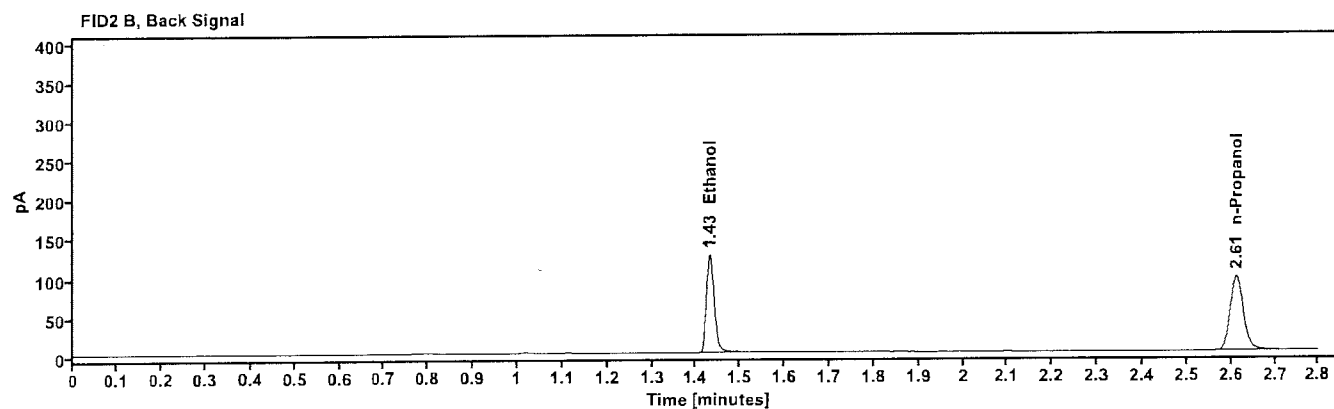
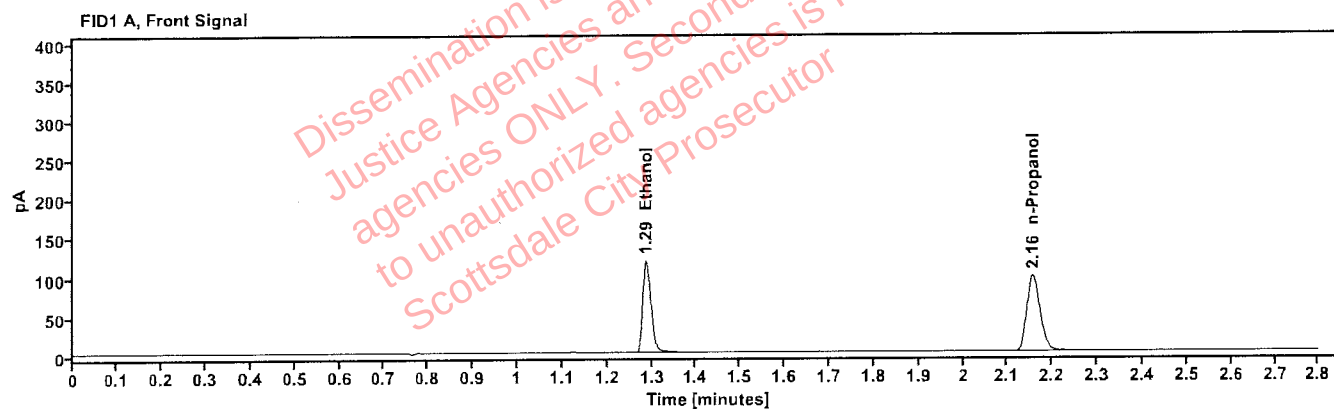


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.1958           | 1.287      | 152.684   |
| n-Propanol         | ----             | 2.156      | 203.174   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.431      | 156.955   |
| n-Propanol | 2.612      | 205.495   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|                     |                               |                        |                     |
|---------------------|-------------------------------|------------------------|---------------------|
| <b>Sample:</b>      | 073126AQ                      | <b>Vial:</b>           | 45                  |
| <b>Description:</b> | negative                      | <b>LIMS ID:</b>        |                     |
| <b>Method:</b>      | ethanol quant.M               | <b>Sequence:</b>       | 01Sep26             |
| <b>Instrument:</b>  | US2320A024 US23180007         | <b>Injection date:</b> | 9/1/2026 7:36:46 PM |
| <b>Data file:</b>   | C:\Chem32\1\Data\01Sep26\45.D | <b>Analyst:</b>        | Arroyo <i>ajr</i>   |

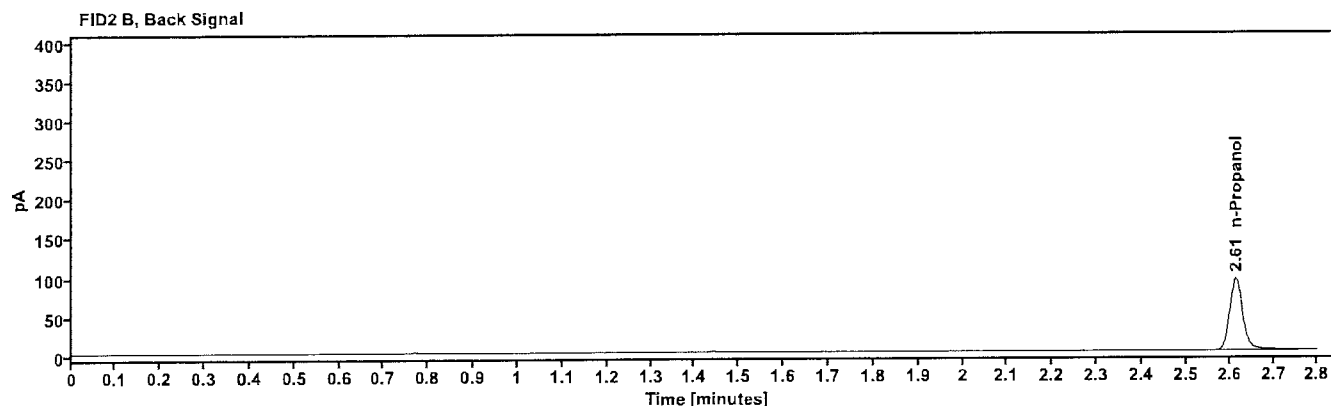
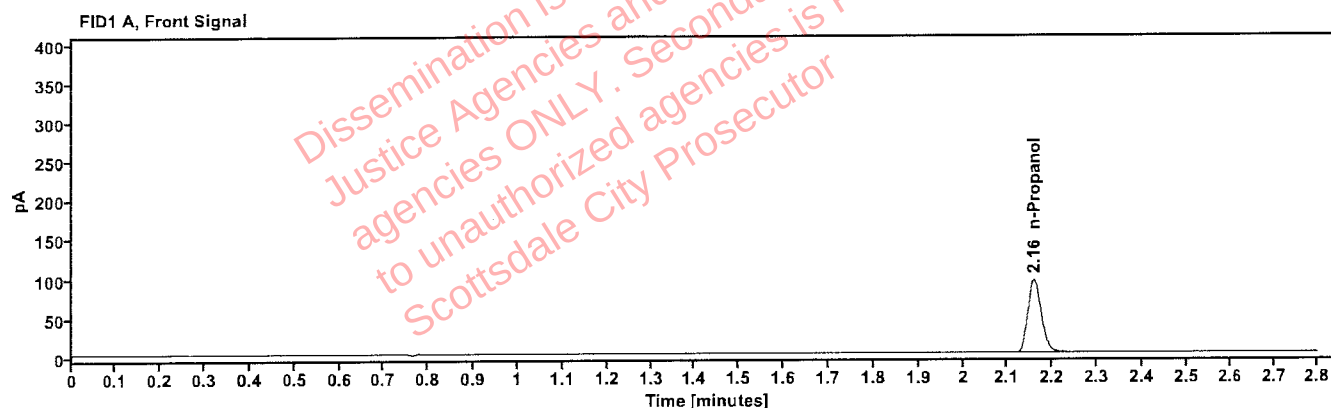


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | -----            | 2.158      | 194.750   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.614      | 196.807   |

# Sequence Summary

Page 1 of 1

*ajl*

Sequence name: 01Sep26

Instrument: US2320A024 US23180007

Analyst: Arroyo

| Vial | Sample       | Description      | Type        | LIMS ID    | Method          |
|------|--------------|------------------|-------------|------------|-----------------|
| 1    | FN03062417   | 0.020 Calibrator | Calibration |            | ethanol quant.M |
| 2    | FN04042408   | 0.100 Calibrator | Calibration |            | ethanol quant.M |
| 3    | FN07012401   | 0.200 Calibrator | Calibration |            | ethanol quant.M |
| 4    | FN04092401   | 0.400 Calibrator | Calibration |            | ethanol quant.M |
| 5    | 061026WB     | negative         | Control     |            | ethanol quant.M |
| 6    | 031726MIX    | Volatile Mix     | Control     |            | ethanol quant.M |
| 7    | C1475825     | 0.400            | Control     |            | ethanol quant.M |
| 8    | 529862       | 0.040            | Control     |            | ethanol quant.M |
| 9    | 4190425129/6 | 0.201            | Control     |            | ethanol quant.M |
| 10   | 454-01F.L.   | [REDACTED]       | Sample      | [REDACTED] | ethanol quant.M |
| 11   | 454-01F.L.   |                  | Sample      |            | ethanol quant.M |
| 12   | 450-01M.F.   |                  | Sample      |            | ethanol quant.M |
| 13   | 450-01M.F.   |                  | Sample      |            | ethanol quant.M |
| 14   | 347-01J.H.   |                  | Sample      |            | ethanol quant.M |
| 15   | 347-01J.H.   |                  | Sample      |            | ethanol quant.M |
| 16   | 2617227-1    |                  | Sample      |            | ethanol quant.M |
| 17   | 2617227-1    |                  | Sample      |            | ethanol quant.M |
| 18   | 2605816-1    |                  | Sample      |            | ethanol quant.M |
| 19   | 2605816-1    |                  | Sample      |            | ethanol quant.M |
| 20   | C1455120     | 0.100            | Control     |            | ethanol quant.M |
| 21   | 2617382-2    | [REDACTED]       | Sample      | [REDACTED] | ethanol quant.M |
| 22   | 2617382-2    |                  | Sample      |            | ethanol quant.M |
| 23   | 2617381-2    |                  | Sample      |            | ethanol quant.M |
| 24   | 2617381-2    |                  | Sample      |            | ethanol quant.M |
| 25   | 2617312-1    |                  | Sample      |            | ethanol quant.M |
| 26   | 2617312-1    |                  | Sample      |            | ethanol quant.M |
| 27   | 2617339-1    |                  | Sample      |            | ethanol quant.M |
| 28   | 2617339-1    |                  | Sample      |            | ethanol quant.M |
| 29   | 2617292-2    |                  | Sample      |            | ethanol quant.M |
| 30   | 2617292-2    |                  | Sample      |            | ethanol quant.M |
| 31   | C1455120     | 0.100            | Control     |            | ethanol quant.M |
| 32   | 2617497-2    | [REDACTED]       | Sample      | [REDACTED] | ethanol quant.M |
| 33   | 2617497-2    |                  | Sample      |            | ethanol quant.M |
| 34   | 2617502-1    |                  | Sample      |            | ethanol quant.M |
| 35   | 2617502-1    |                  | Sample      |            | ethanol quant.M |
| 36   | 2617610-2    |                  | Sample      |            | ethanol quant.M |
| 37   | 2617610-2    |                  | Sample      |            | ethanol quant.M |
| 38   | 2617617-1    |                  | Sample      |            | ethanol quant.M |
| 39   | 2617617-1    |                  | Sample      |            | ethanol quant.M |
| 40   | 2617626-1    |                  | Sample      |            | ethanol quant.M |
| 41   | 2617626-1    |                  | Sample      |            | ethanol quant.M |
| 42   | C1475825     | 0.400            | Control     |            | ethanol quant.M |
| 43   | 529862       | 0.040            | Control     |            | ethanol quant.M |
| 44   | 4190425129/6 | 0.201            | Control     |            | ethanol quant.M |
| 45   | 073126AQ     | negative         | Control     |            | ethanol quant.M |

# Scottsdale Police Department Crime Laboratory

## Summary of Cases

SEQUENCE NAME: 01Sep26

ANALYST: Arroyo

*Arroyo*

| Vials | Test 1 (g/dL) | Test 2 (g/dL) | Mean (g/dL) | Percent Difference* | Absolute Difference(g/dL)* |
|-------|---------------|---------------|-------------|---------------------|----------------------------|
| 10 11 | 0.3008        | 0.2990        | 0.29990     | 0.30                | 0.00090                    |
| 12 13 | 0.1561        | 0.1558        | 0.15595     | 0.10                | 0.00015                    |
| 14 15 | 0.0992        | 0.0998        | 0.09950     | 0.30                | 0.00030                    |
| 16 17 | 0.2360        | 0.2381        | 0.23705     | 0.44                | 0.00105                    |
| 18 19 | 0.1291        | 0.1268        | 0.12795     | 0.90                | 0.00115                    |
| 21 22 | 0.1229        | 0.1233        | 0.12310     | 0.16                | 0.00020                    |
| 23 24 | 0.2490        | 0.2455        | 0.24725     | 0.71                | 0.00175                    |
| 25 26 | 0.1146        | 0.1145        | 0.11455     | 0.04                | 0.00005                    |
| 27 28 | 0.3843        | 0.3847        | 0.38450     | 0.05                | 0.00020                    |
| 29 30 | 0.2150        | 0.2117        | 0.21335     | 0.77                | 0.00165                    |
| 32 33 | 0.3877        | 0.3863        | 0.38700     | 0.18                | 0.00070                    |
| 34 35 | 0.2273        | 0.2269        | 0.22710     | 0.09                | 0.00020                    |
| 36 37 | 0.1759        | 0.1763        | 0.17610     | 0.11                | 0.00020                    |
| 38 39 | 0.1058        | 0.1061        | 0.10595     | 0.14                | 0.00015                    |
| 40 41 | 0.0000        | 0.0000        | 0.00000     | 0.00                | 0.00000                    |

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

# Scottsdale Forensic Lab

## Blood Alcohol Pipetting Log

ANALYST: Arroyo

SEQUENCE: 01Sep26

ap

[illegible]

## Scottsdale Police Department Crime Lab Volatiles Analysis

|                     |                               |                        |                     |
|---------------------|-------------------------------|------------------------|---------------------|
| <b>Sample:</b>      | 454-01F.L.                    | <b>Vial:</b>           | 10                  |
| <b>Description:</b> |                               | <b>LIMS ID:</b>        |                     |
| <b>Method:</b>      | ethanol quant.M               | <b>Sequence:</b>       | 01Sep26             |
| <b>Instrument:</b>  | US2320A024 US23180007         | <b>Injection date:</b> | 9/1/2026 5:16:35 PM |
| <b>Data file:</b>   | C:\Chem32\1\Data\01Sep26\10.D | <b>Analyst:</b>        | Arroyo              |

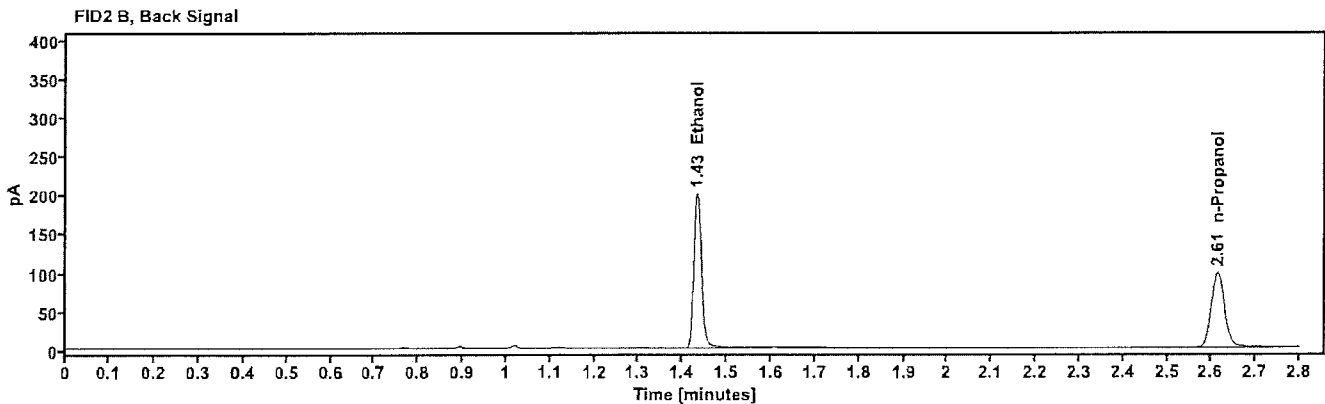
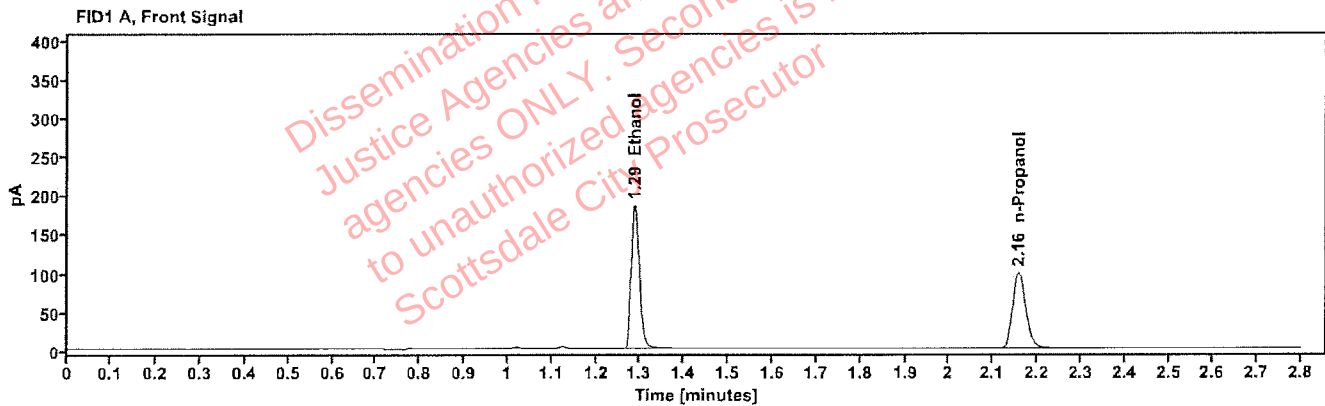


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.3008           | 1.288      | 235.986   |
| n-Propanol         | -----            | 2.157      | 204.195   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.433      | 242.981   |
| n-Propanol | 2.614      | 207.354   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|                     |                               |                        |                     |
|---------------------|-------------------------------|------------------------|---------------------|
| <b>Sample:</b>      | 454-01F.L.                    | <b>Vial:</b>           | 11                  |
| <b>Description:</b> |                               | <b>LIMS ID:</b>        |                     |
| <b>Method:</b>      | ethanol quant.M               | <b>Sequence:</b>       | 01Sep26             |
| <b>Instrument:</b>  | US2320A024 US23180007         | <b>Injection date:</b> | 9/1/2026 5:20:23 PM |
| <b>Data file:</b>   | C:\Chem32\1\Data\01Sep26\11.D | <b>Analyst:</b>        | Arroyo              |

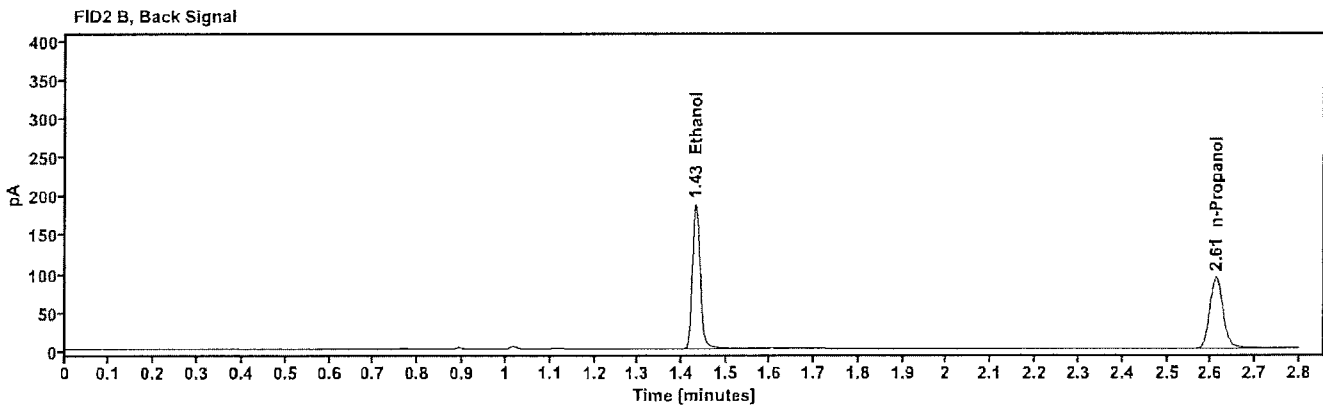
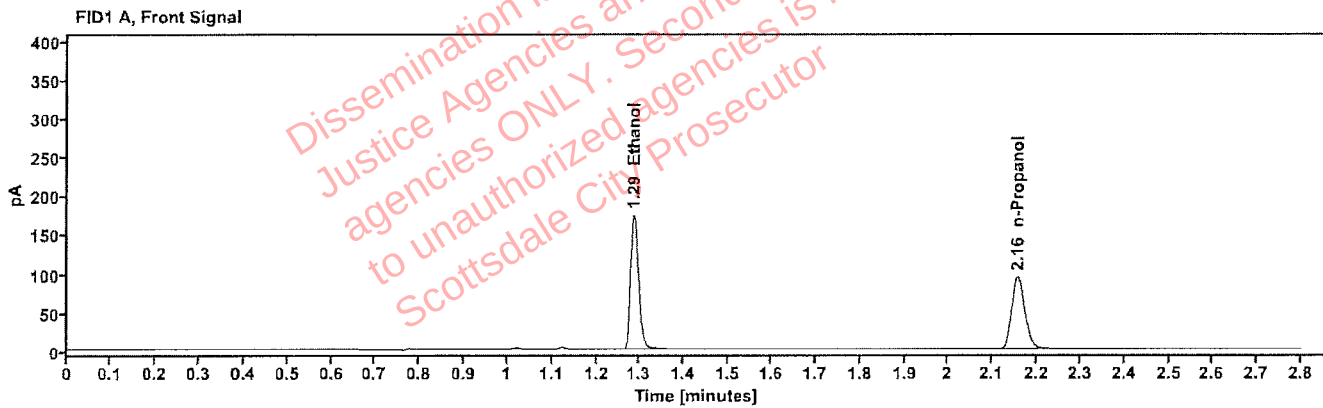


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.2990           | 1.286      | 223.628   |
| n-Propanol         | ----             | 2.156      | 194.671   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.430      | 229.911   |
| n-Propanol | 2.611      | 197.887   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 450-01M.F.                    | Vial:           | 12                  |
| Description: |                               | LIMS ID:        |                     |
| Method:      | ethanol quant.M               | Sequence:       | 01Sep26             |
| Instrument:  | US2320A024 US23180007         | Injection date: | 9/1/2026 5:24:10 PM |
| Data file:   | C:\Chem32\1\Data\01Sep26\12.D | Analyst:        | Arroyo              |

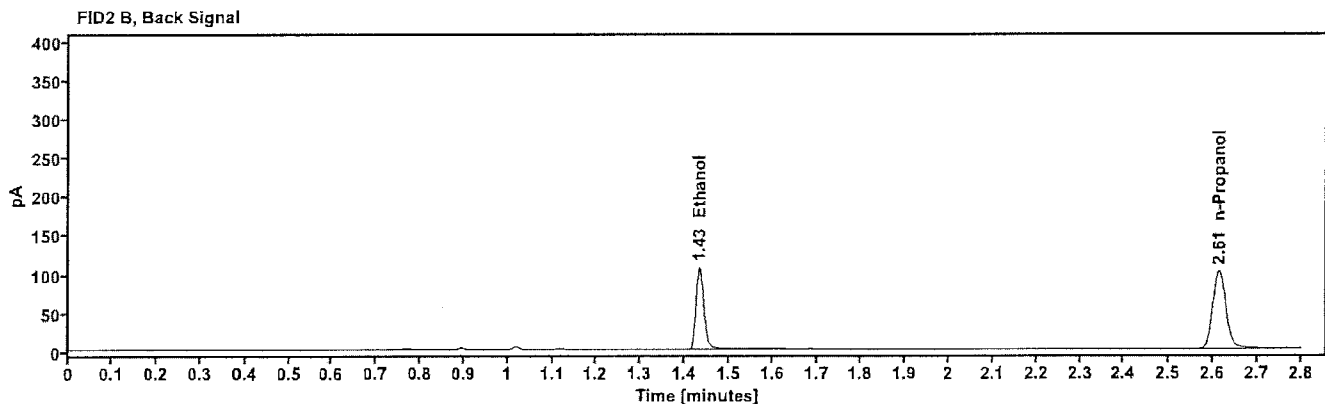
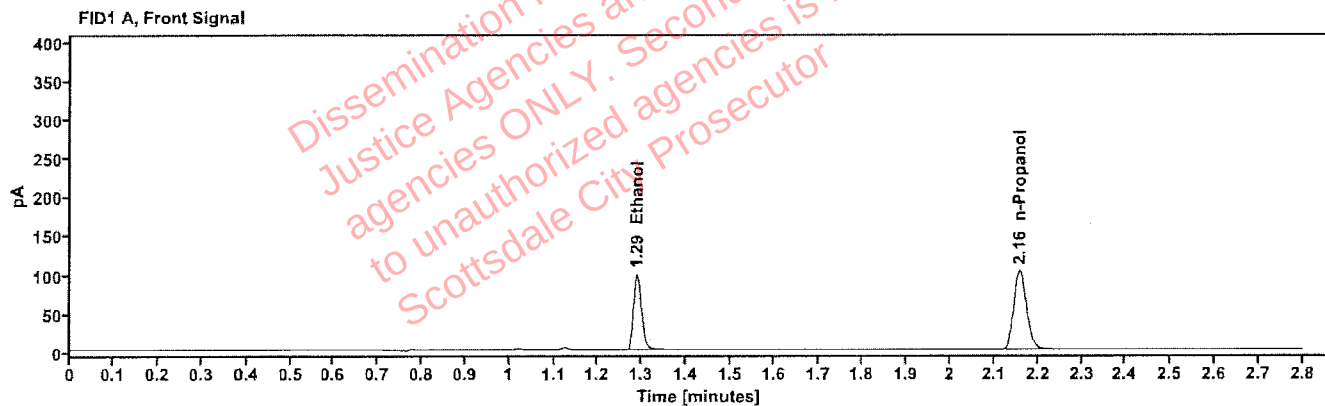


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.1561           | 1.289      | 126.884   |
| n-Propanol         | ---              | 2.157      | 212.077   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.434      | 130.296   |
| n-Propanol | 2.614      | 214.851   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 450-01M.F.                    | Vial:           | 13                  |
| Description: |                               | LIMS ID:        |                     |
| Method:      | ethanol quant.M               | Sequence:       | 01Sep26             |
| Instrument:  | US2320A024 US23180007         | Injection date: | 9/1/2026 5:29:10 PM |
| Data file:   | C:\Chem32\1\Data\01Sep26\13.D | Analyst:        | Arroyo              |

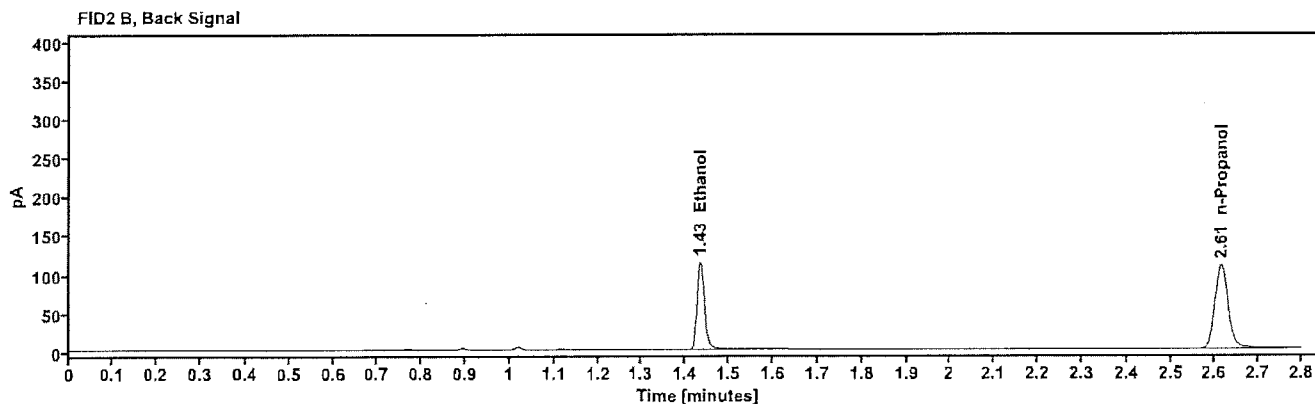
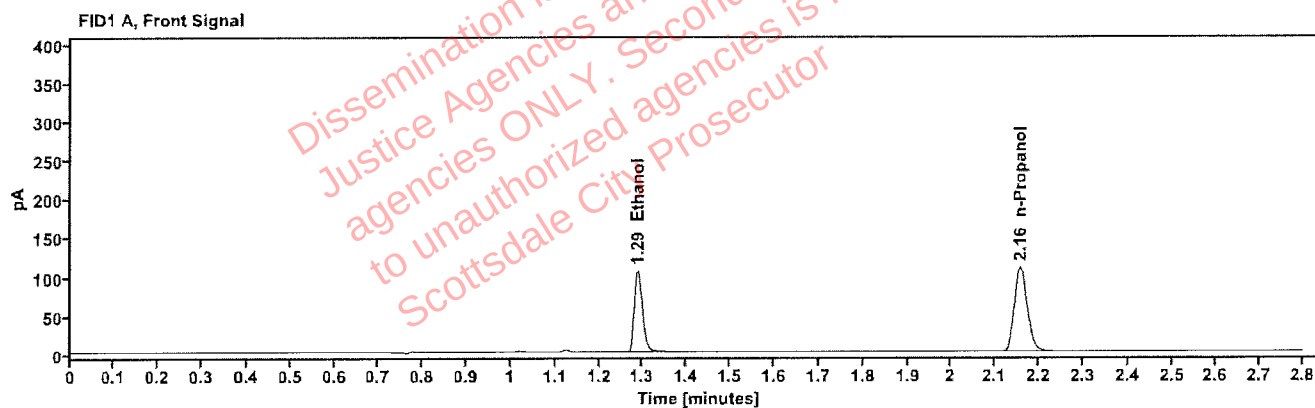


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.1558           | 1.288      | 135.411   |
| n-Propanol         | -----            | 2.157      | 226.790   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.434      | 139.211   |
| n-Propanol | 2.614      | 230.201   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 347-01J.H.                    | Vial:           | 14                  |
| Description: |                               | LIMS ID:        |                     |
| Method:      | ethanol quant.M               | Sequence:       | 01Sep26             |
| Instrument:  | US2320A024 US23180007         | Injection date: | 9/1/2026 5:32:59 PM |
| Data file:   | C:\Chem32\1\Data\01Sep26\14.D | Analyst:        | Arroyo              |

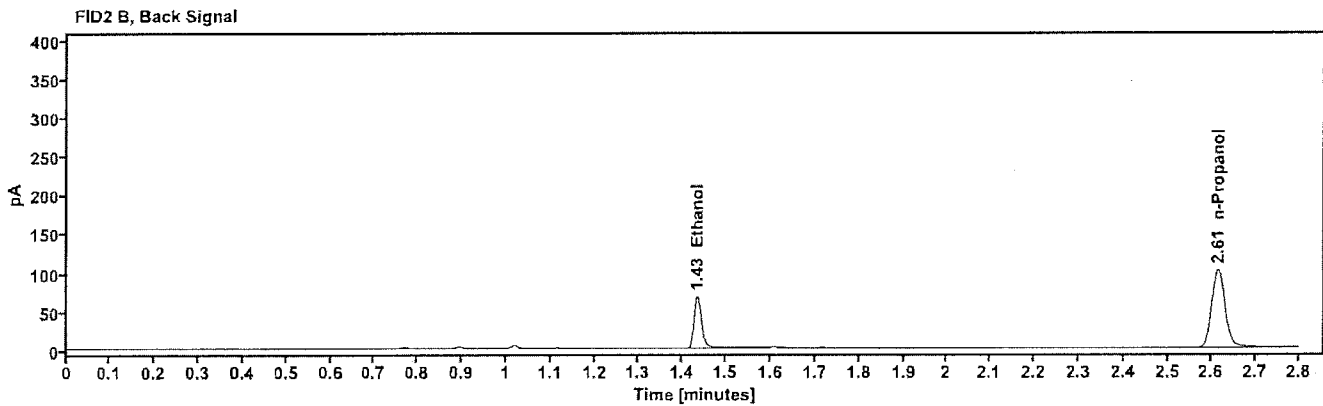
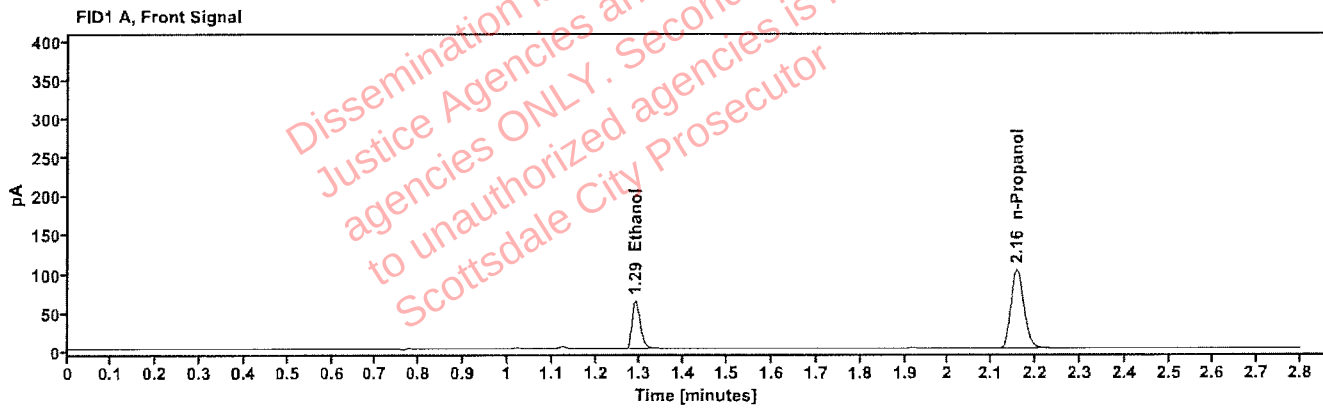


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.0992           | 1.289      | 80.386    |
| n-Propanol         | -----            | 2.157      | 211.960   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.434      | 81.941    |
| n-Propanol | 2.614      | 214.968   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 347-01J.H.                    | Vial:           | 15                  |
| Description: |                               | LIMS ID:        |                     |
| Method:      | ethanol quant.M               | Sequence:       | 01Sep26             |
| Instrument:  | US2320A024 US23180007         | Injection date: | 9/1/2026 5:36:45 PM |
| Data file:   | C:\Chem32\1\Data\01Sep26\15.D | Analyst:        | Arroyo              |

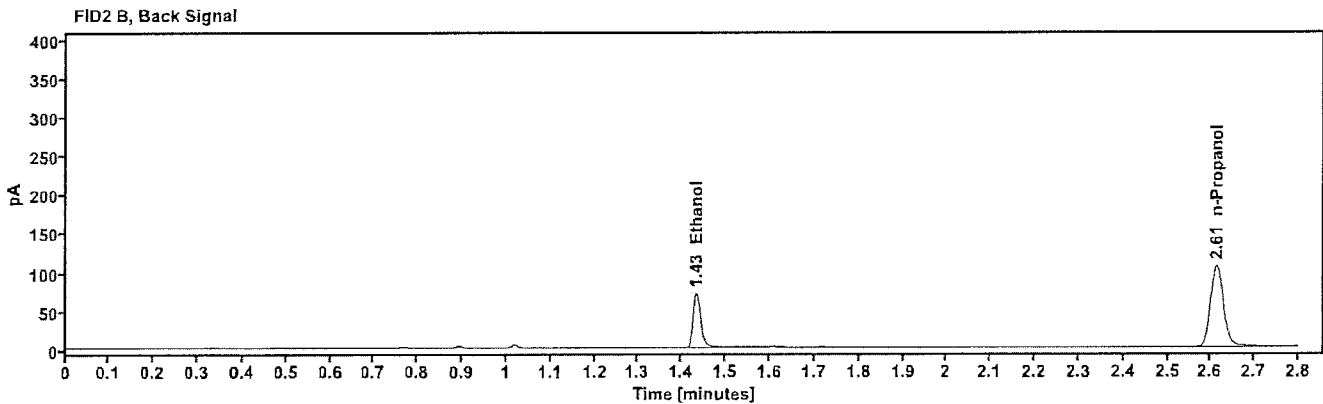
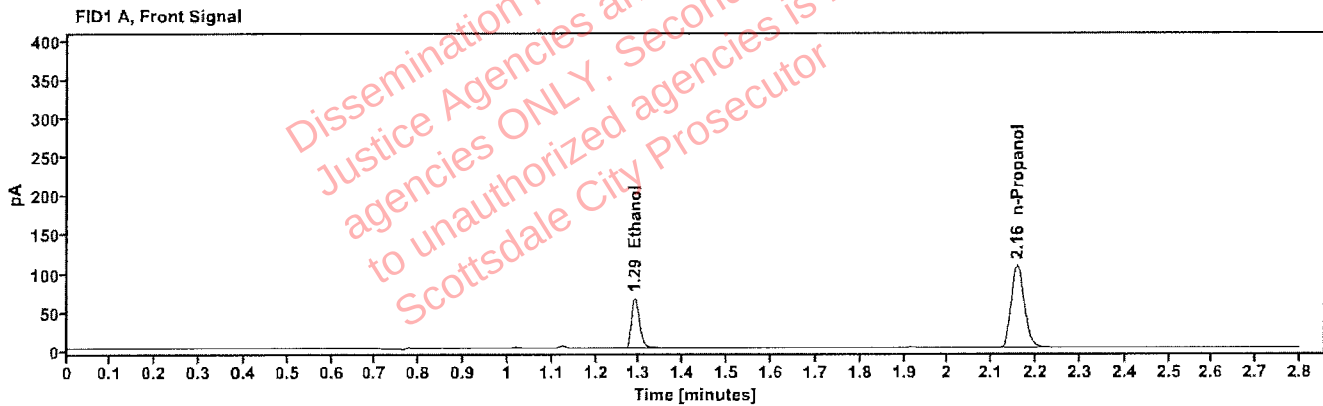


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.0998           | 1.289      | 84.308    |
| n-Propanol         | -----            | 2.157      | 220.915   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.434      | 85.977    |
| n-Propanol | 2.614      | 223.980   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2617227-1                     | Vial:           | 16                  |
| Description: |                               | LIMS ID:        |                     |
| Method:      | ethanol quant.M               | Sequence:       | 01Sep26             |
| Instrument:  | US2320A024 US23180007         | Injection date: | 9/1/2026 5:40:34 PM |
| Data file:   | C:\Chem32\1\Data\01Sep26\16.D | Analyst:        | Arroyo              |

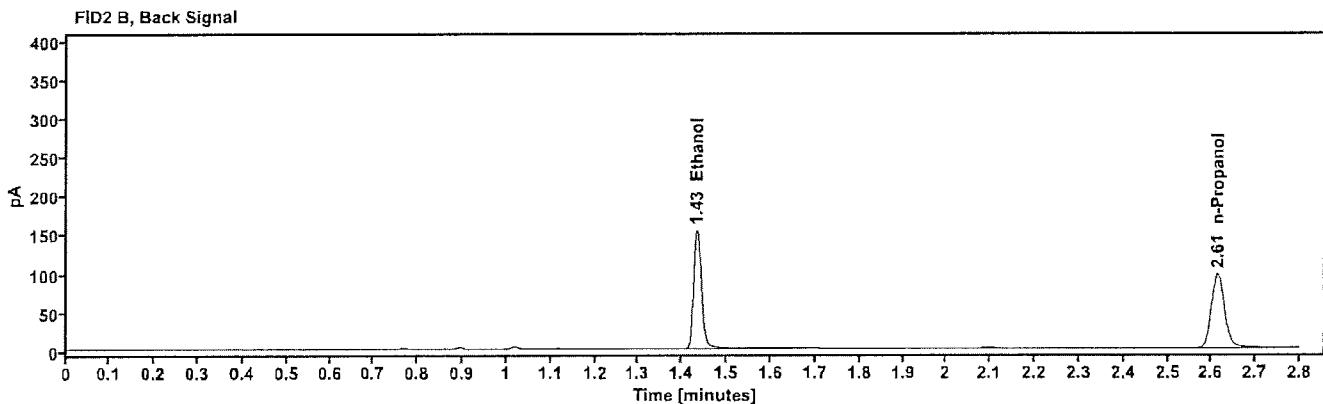
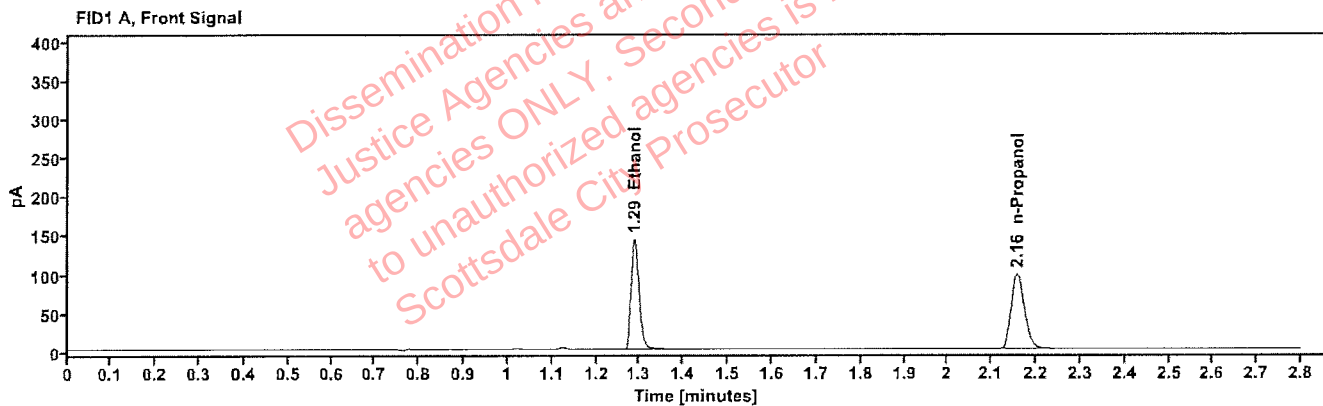


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.2360           | 1.288      | 182.648   |
| n-Propanol         | ----             | 2.157      | 201.552   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.433      | 187.723   |
| n-Propanol | 2.614      | 204.735   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2617227-1                     | Vial:           | 17                  |
| Description: |                               | LIMS ID:        |                     |
| Method:      | ethanol quant.M               | Sequence:       | 01Sep26             |
| Instrument:  | US2320A024 US23180007         | Injection date: | 9/1/2026 5:44:22 PM |
| Data file:   | C:\Chem32\1\Data\01Sep26\17.D | Analyst:        | Arroyo              |

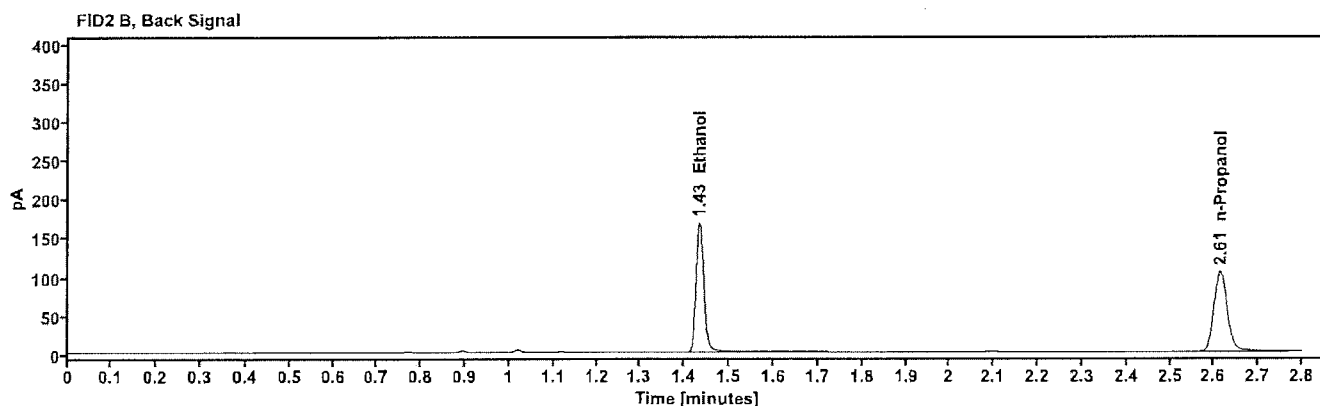
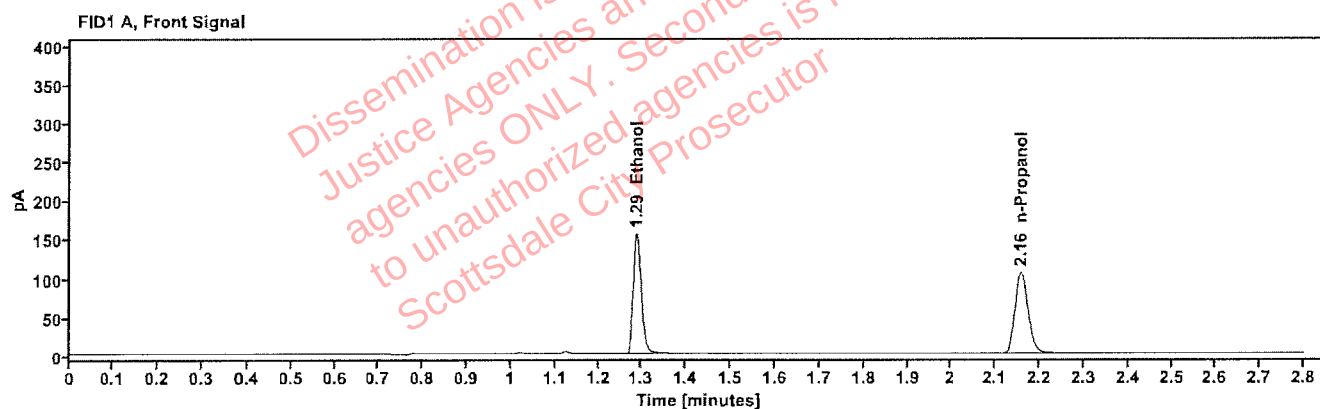


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.2381           | 1.288      | 198.870   |
| n-Propanol         | -----            | 2.157      | 217.550   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.433      | 204.375   |
| n-Propanol | 2.614      | 220.795   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2605816-1                     | Vial:           | 18                  |
| Description: |                               | LIMS ID:        |                     |
| Method:      | ethanol quant.M               | Sequence:       | 01Sep26             |
| Instrument:  | US2320A024 US23180007         | Injection date: | 9/1/2026 5:48:09 PM |
| Data file:   | C:\Chem32\1\Data\01Sep26\18.D | Analyst:        | Arroyo              |

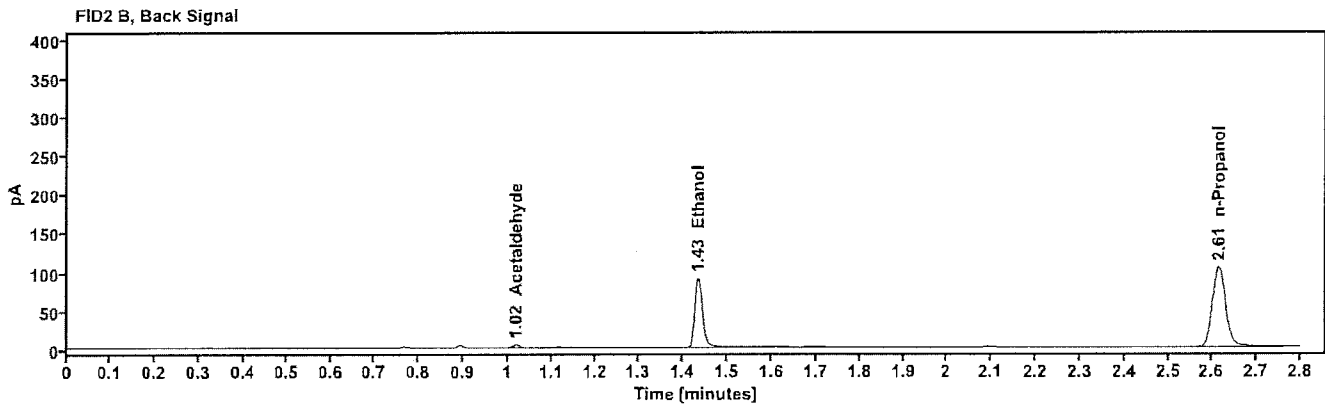
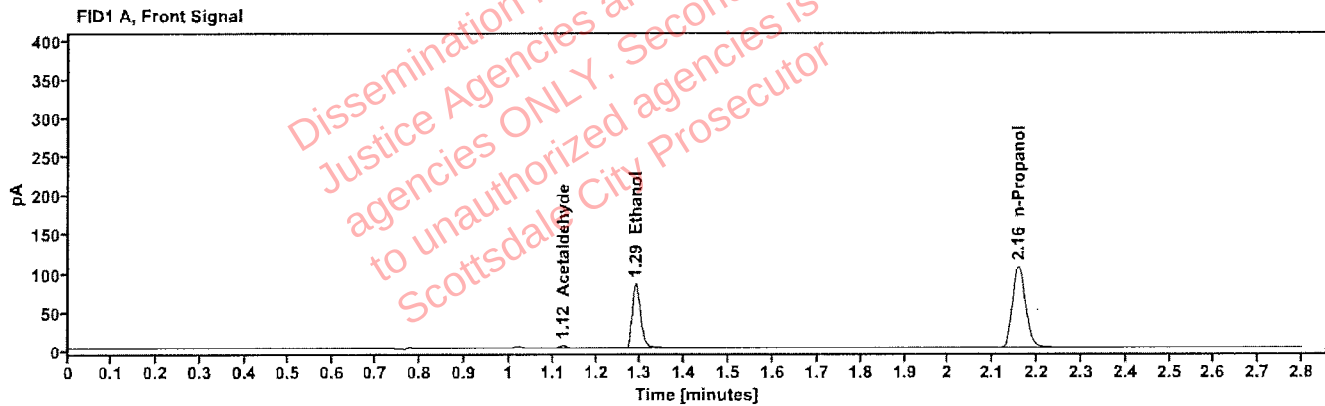


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| Acetaldehyde       | ---              | 1.124      | 3.782     |
| quantified Ethanol | 0.1291           | 1.289      | 107.909   |
| n-Propanol         | ---              | 2.157      | 218.276   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 1.019      | 3.978     |
| Ethanol      | 1.434      | 110.348   |
| n-Propanol   | 2.614      | 221.337   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|                     |                               |                        |                     |
|---------------------|-------------------------------|------------------------|---------------------|
| <b>Sample:</b>      | 2605816-1                     | <b>Vial:</b>           | 19                  |
| <b>Description:</b> |                               | <b>LIMS ID:</b>        |                     |
| <b>Method:</b>      | ethanol quant.M               | <b>Sequence:</b>       | 01Sep26             |
| <b>Instrument:</b>  | US2320A024 US23180007         | <b>Injection date:</b> | 9/1/2026 5:53:11 PM |
| <b>Data file:</b>   | C:\Chem32\1\Data\01Sep26\19.D | <b>Analyst:</b>        | Arroyo              |

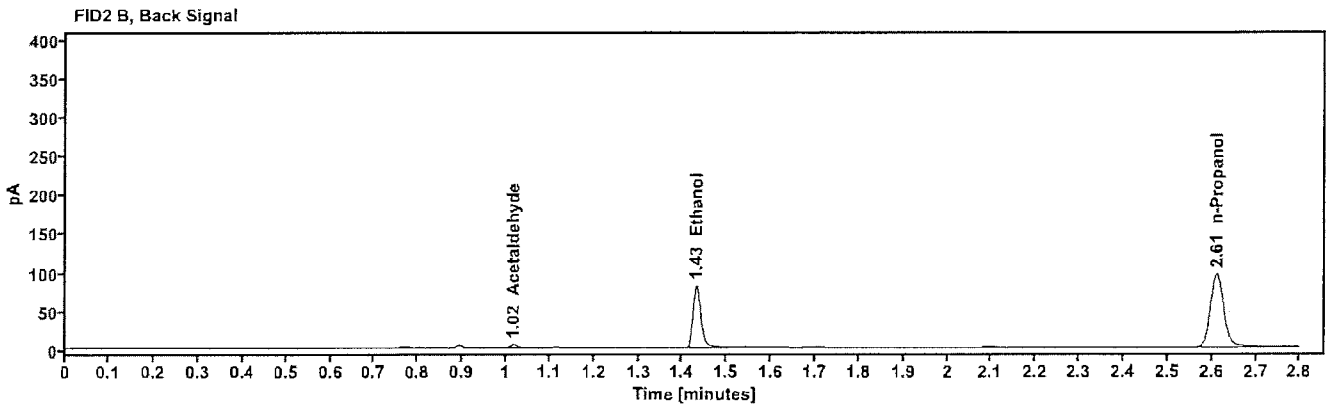
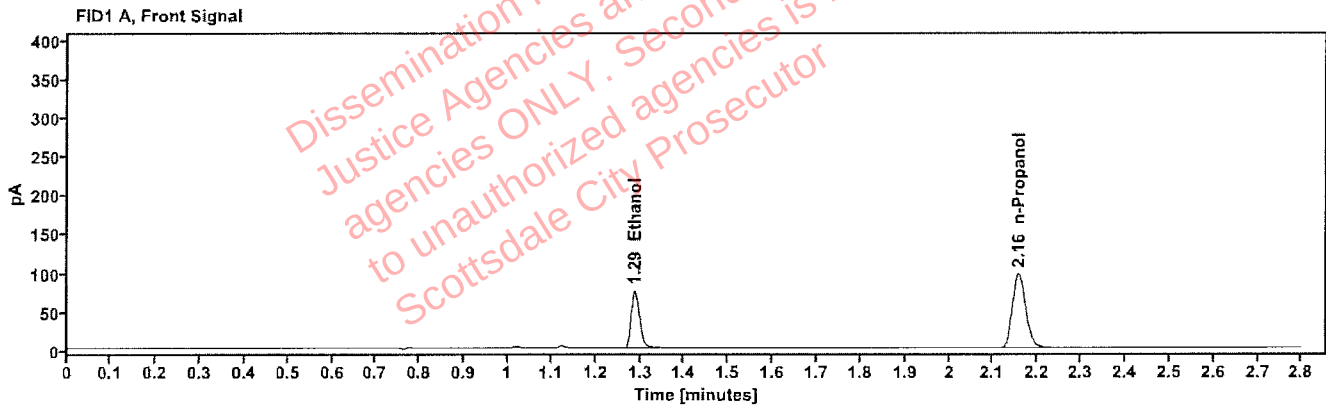


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.1268           | 1.288      | 97.295    |
| n-Propanol         | —                | 2.156      | 200.375   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 1.017      | 3.954     |
| Ethanol      | 1.431      | 99.118    |
| n-Propanol   | 2.611      | 203.177   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2617382-2                     | Vial:           | 21                  |
| Description: |                               | LIMS ID:        |                     |
| Method:      | ethanol quant.M               | Sequence:       | 01Sep26             |
| Instrument:  | US2320A024 US23180007         | Injection date: | 9/1/2026 6:00:47 PM |
| Data file:   | C:\Chem32\1\Data\01Sep26\21.D | Analyst:        | Arroyo              |

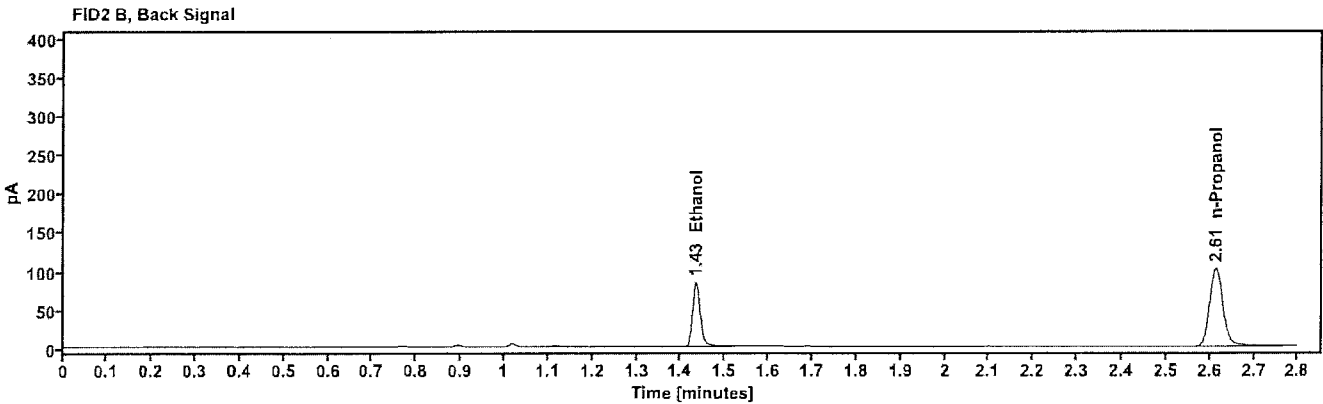
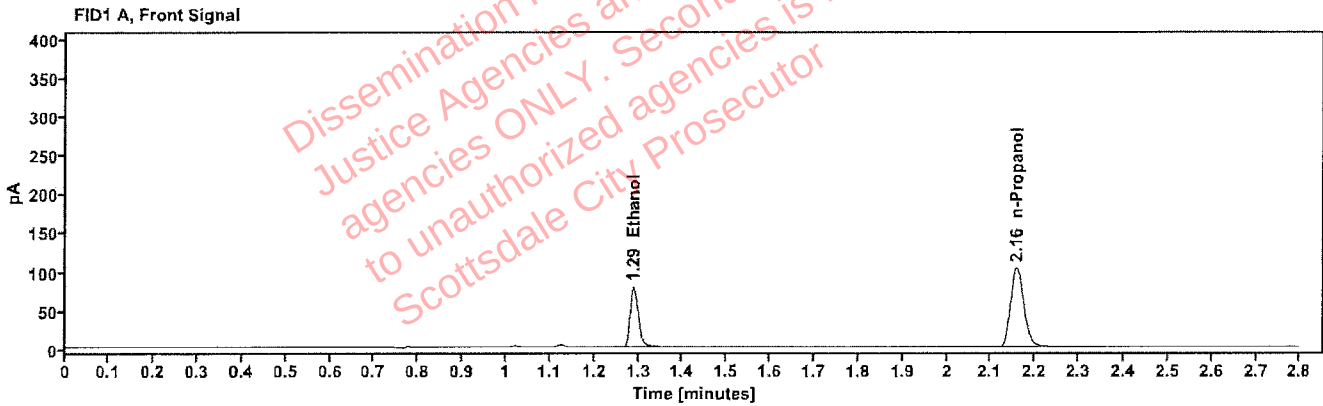


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.1229           | 1.289      | 99.992    |
| n-Propanol         | ---              | 2.157      | 212.437   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.434      | 102.011   |
| n-Propanol | 2.614      | 215.426   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2617382-2                     | Vial:           | 22                  |
| Description: |                               | LIMS ID:        |                     |
| Method:      | ethanol quant.M               | Sequence:       | 01Sep26             |
| Instrument:  | US2320A024 US23180007         | Injection date: | 9/1/2026 6:04:35 PM |
| Data file:   | C:\Chem32\1\Data\01Sep26\22.D | Analyst:        | Arroyo              |

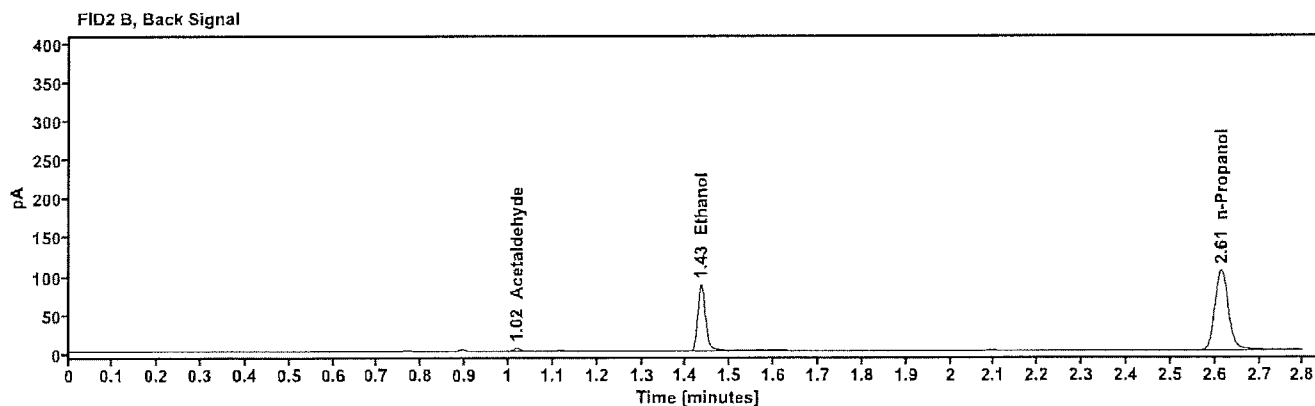
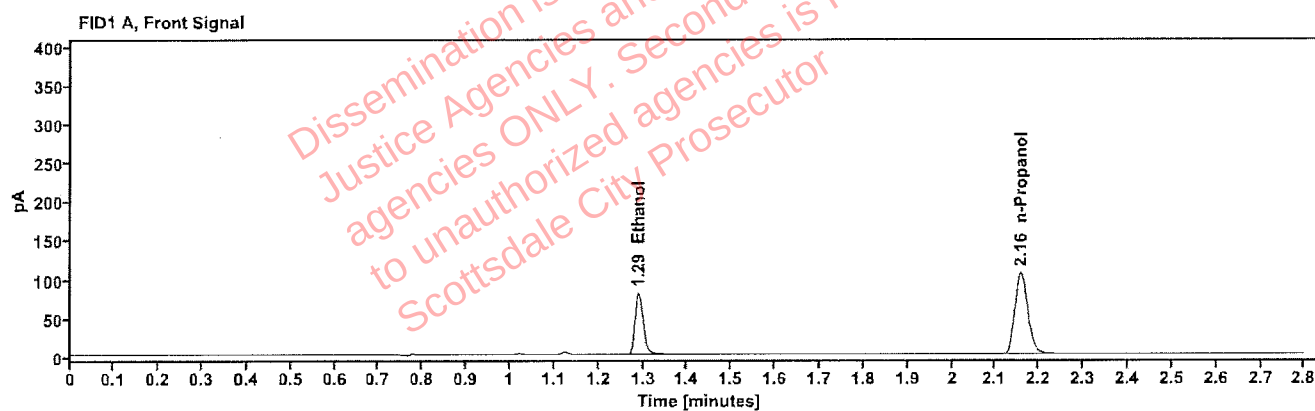


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.1233           | 1.289      | 103.069   |
| n-Propanol         | -----            | 2.157      | 218.340   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 1.019      | 3.854     |
| Ethanol      | 1.434      | 105.396   |
| n-Propanol   | 2.614      | 221.118   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|                     |                               |                        |                     |
|---------------------|-------------------------------|------------------------|---------------------|
| <b>Sample:</b>      | 2617381-2                     | <b>Vial:</b>           | 23                  |
| <b>Description:</b> |                               | <b>LIMS ID:</b>        |                     |
| <b>Method:</b>      | ethanol quant.M               | <b>Sequence:</b>       | 01Sep26             |
| <b>Instrument:</b>  | US2320A024 US23180007         | <b>Injection date:</b> | 9/1/2026 6:08:23 PM |
| <b>Data file:</b>   | C:\Chem32\1\Data\01Sep26\23.D | <b>Analyst:</b>        | Arroyo              |

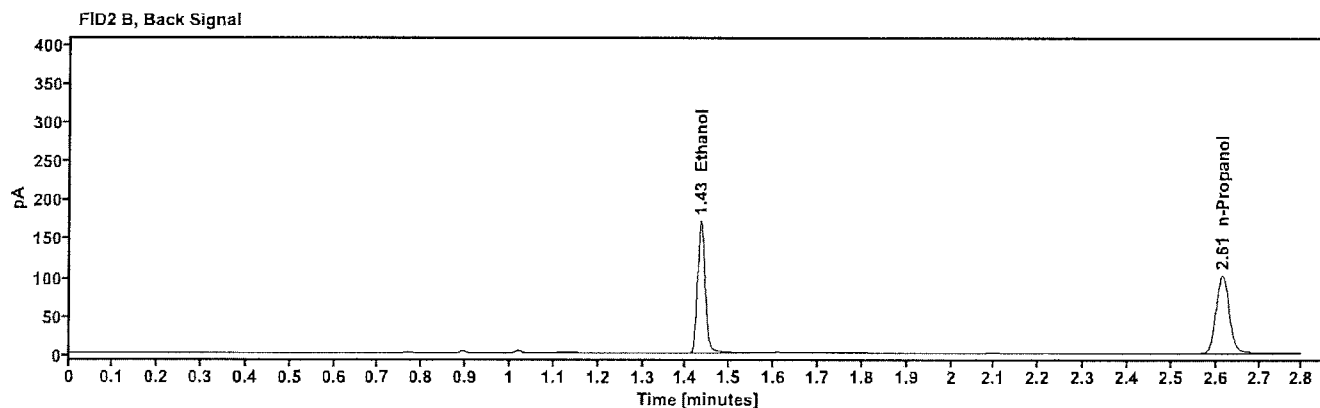
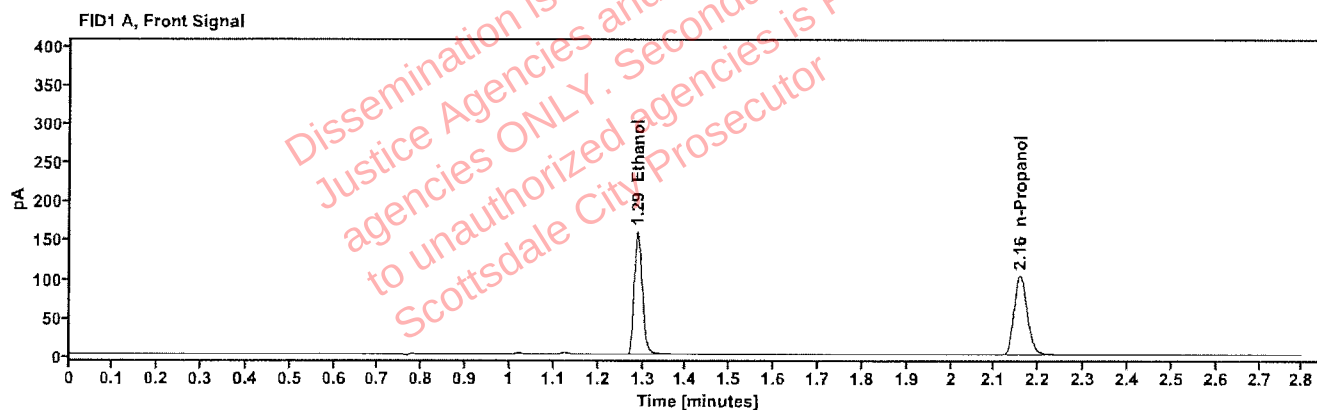


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.2490           | 1.288      | 203.038   |
| n-Propanol         | —                | 2.157      | 212.317   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.433      | 208.809   |
| n-Propanol | 2.614      | 215.337   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2617381-2                     | Vial:           | 24                  |
| Description: |                               | LIMS ID:        |                     |
| Method:      | ethanol quant.M               | Sequence:       | 01Sep26             |
| Instrument:  | US2320A024 US23180007         | Injection date: | 9/1/2026 6:12:09 PM |
| Data file:   | C:\Chem32\1\Data\01Sep26\24.D | Analyst:        | Arroyo              |

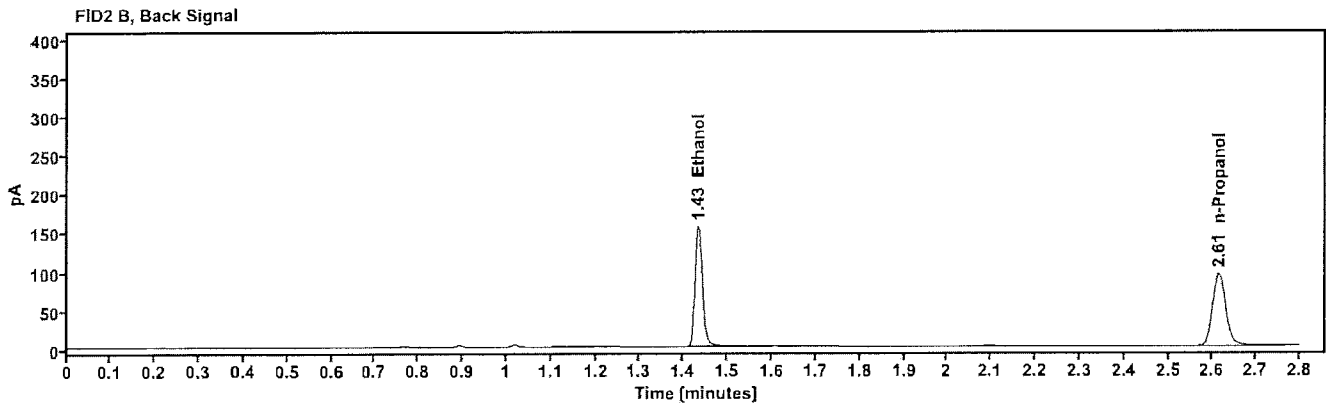
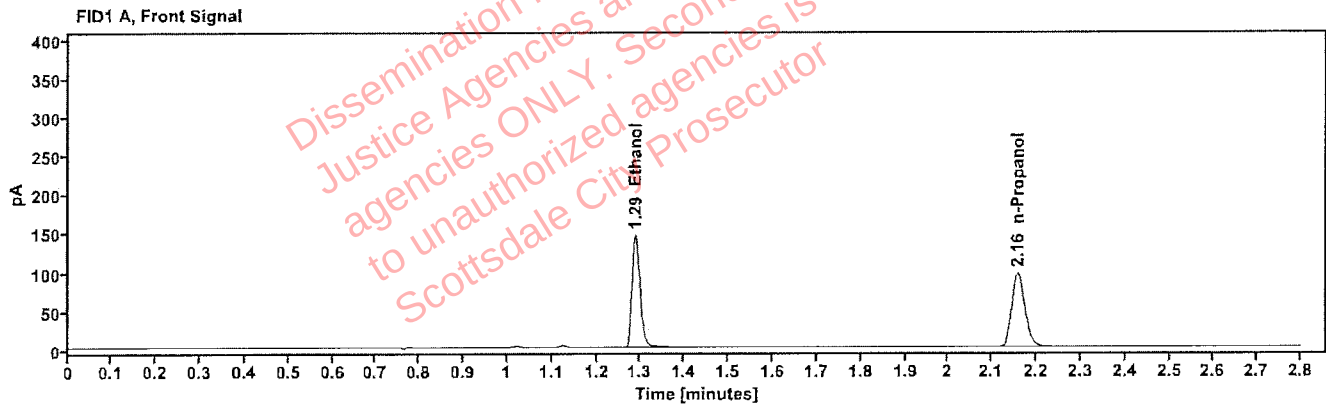


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.2455           | 1.288      | 186.016   |
| n-Propanol         | ---              | 2.158      | 197.310   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.433      | 191.033   |
| n-Propanol | 2.614      | 199.959   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2617312-1                     | Vial:           | 25                  |
| Description: |                               | LIMS ID:        |                     |
| Method:      | ethanol quant.M               | Sequence:       | 01Sep26             |
| Instrument:  | US2320A024 US23180007         | Injection date: | 9/1/2026 6:17:11 PM |
| Data file:   | C:\Chem32\1\Data\01Sep26\25.D | Analyst:        | Arroyo              |

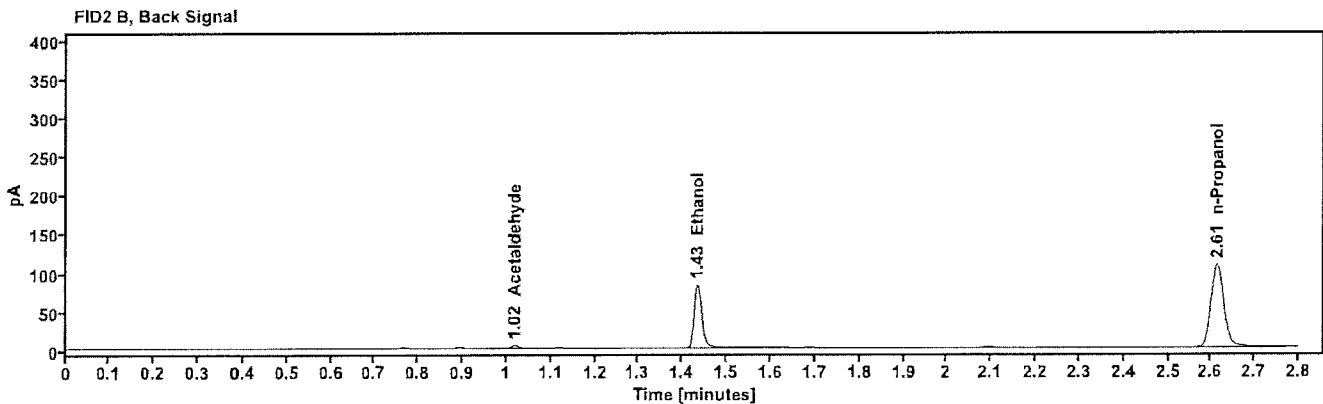
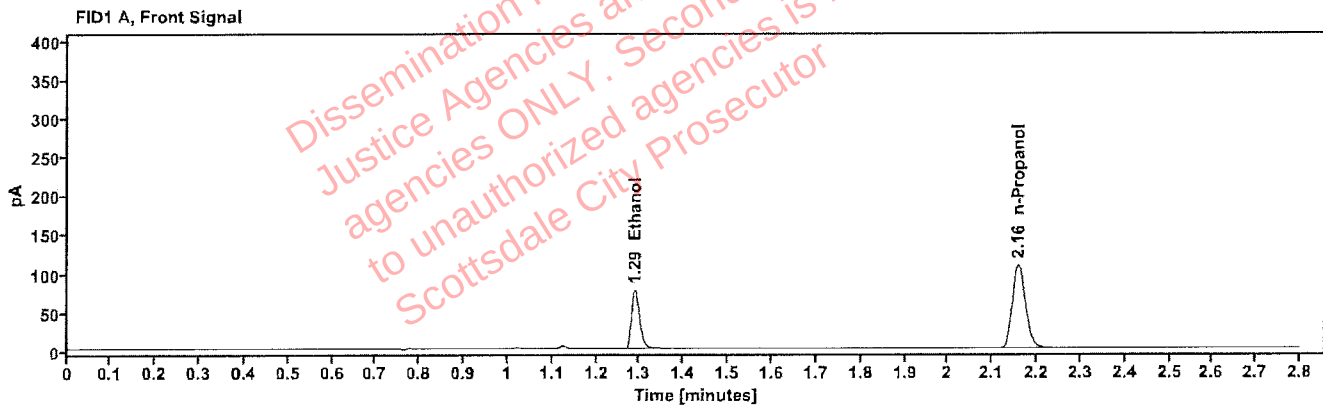


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.1146           | 1.289      | 98.272    |
| n-Propanol         | ---              | 2.158      | 224.087   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 1.019      | 3.927     |
| Ethanol      | 1.434      | 100.172   |
| n-Propanol   | 2.614      | 227.490   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2617312-1                     | Vial:           | 26                  |
| Description: |                               | LIMS ID:        |                     |
| Method:      | ethanol quant.M               | Sequence:       | 01Sep26             |
| Instrument:  | US2320A024 US23180007         | Injection date: | 9/1/2026 6:20:59 PM |
| Data file:   | C:\Chem32\1\Data\01Sep26\26.D | Analyst:        | Arroyo              |

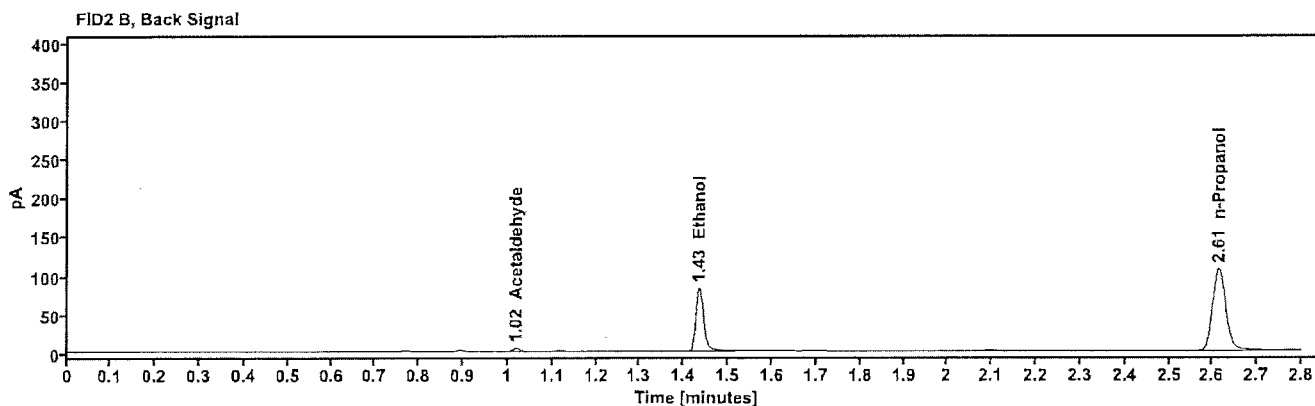
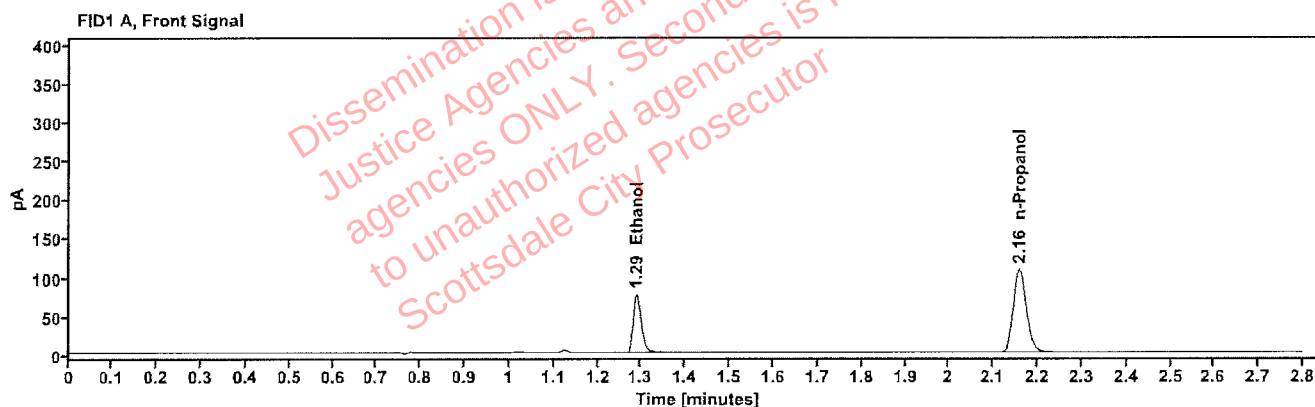


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.1145           | 1.289      | 97.637    |
| n-Propanol         | -----            | 2.158      | 222.744   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 1.019      | 3.898     |
| Ethanol      | 1.434      | 99.438    |
| n-Propanol   | 2.614      | 225.872   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2617339-1                     | Vial:           | 27                  |
| Description: |                               | LIMS ID:        |                     |
| Method:      | ethanol quant.M               | Sequence:       | 01Sep26             |
| Instrument:  | US2320A024 US23180007         | Injection date: | 9/1/2026 6:24:46 PM |
| Data file:   | C:\Chem32\1\Data\01Sep26\27.D | Analyst:        | Arroyo              |

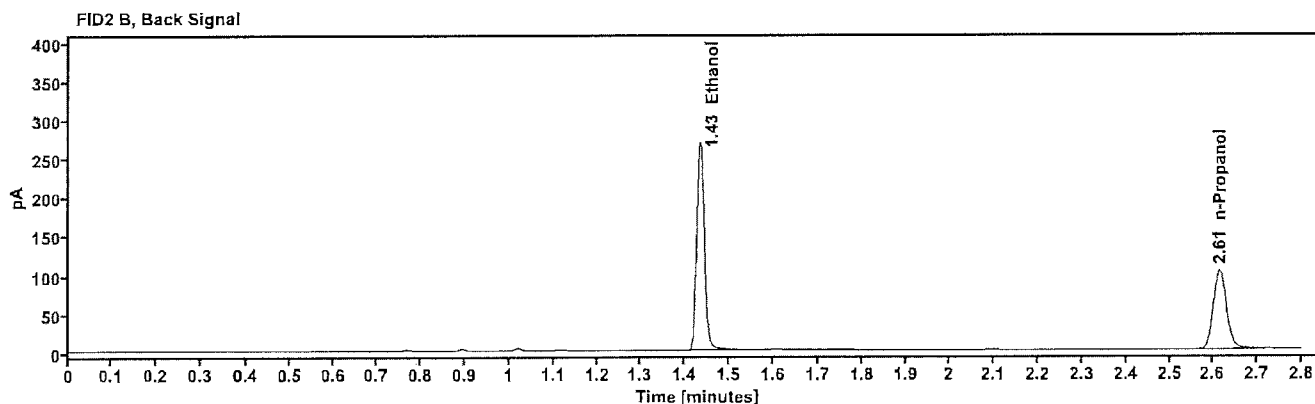
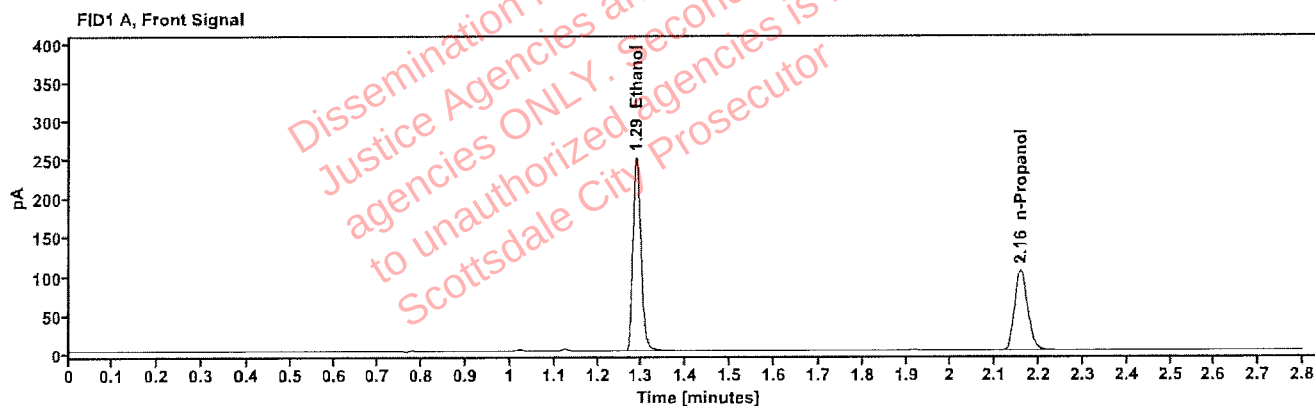


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.3843           | 1.287      | 318.656   |
| n-Propanol         | ----             | 2.158      | 215.703   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.433      | 327.596   |
| n-Propanol | 2.614      | 214.708   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2617339-1                     | Vial:           | 28                  |
| Description: |                               | LIMS ID:        |                     |
| Method:      | ethanol quant.M               | Sequence:       | 01Sep26             |
| Instrument:  | US2320A024 US23180007         | Injection date: | 9/1/2026 6:28:35 PM |
| Data file:   | C:\Chem32\1\Data\01Sep26\28.D | Analyst:        | Arroyo              |

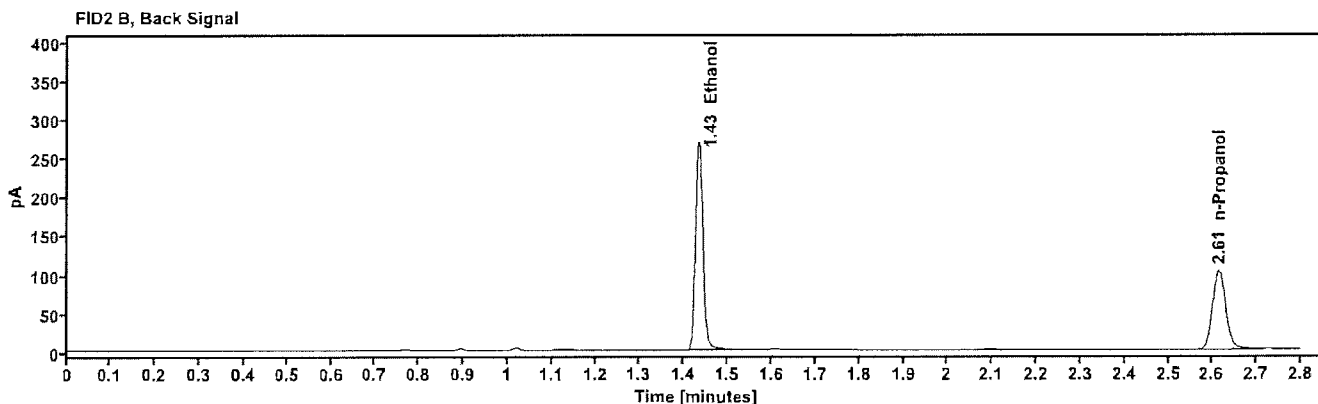
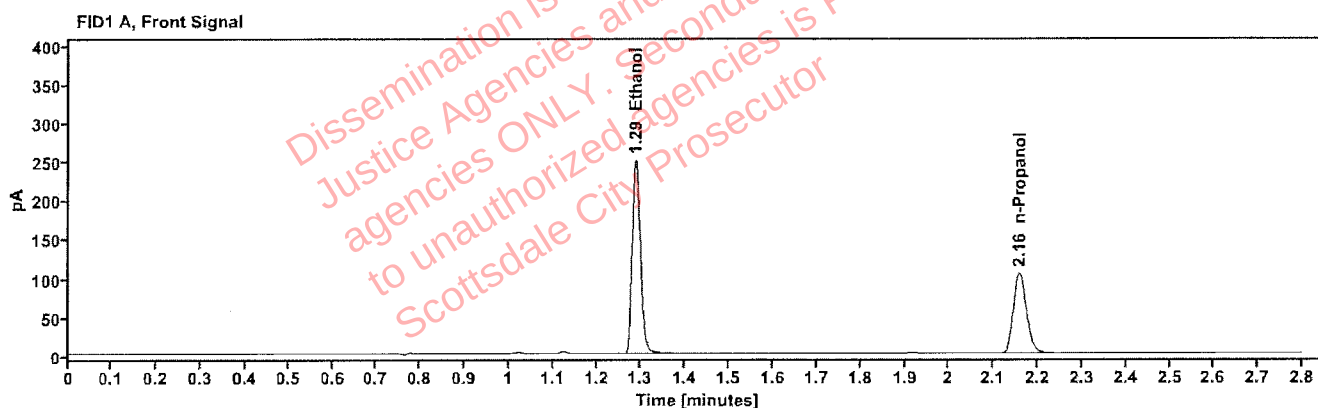


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.3847           | 1.287      | 318.712   |
| n-Propanol         | -----            | 2.157      | 215.508   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.433      | 327.671   |
| n-Propanol | 2.614      | 214.481   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2617292-2                     | Vial:           | 29                  |
| Description: |                               | LIMS ID:        |                     |
| Method:      | ethanol quant.M               | Sequence:       | 01Sep26             |
| Instrument:  | US2320A024 US23180007         | Injection date: | 9/1/2026 6:32:22 PM |
| Data file:   | C:\Chem32\1\Data\01Sep26\29.D | Analyst:        | Arroyo              |

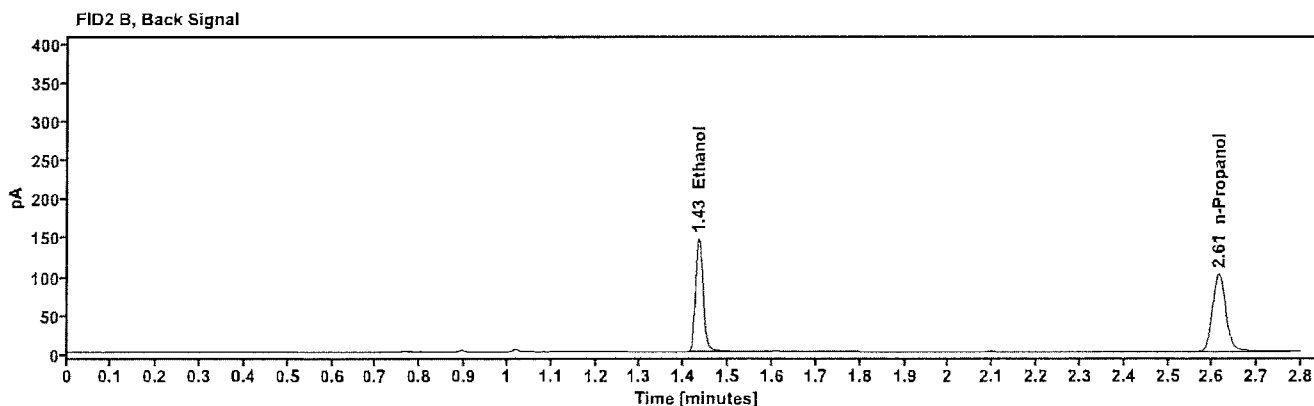
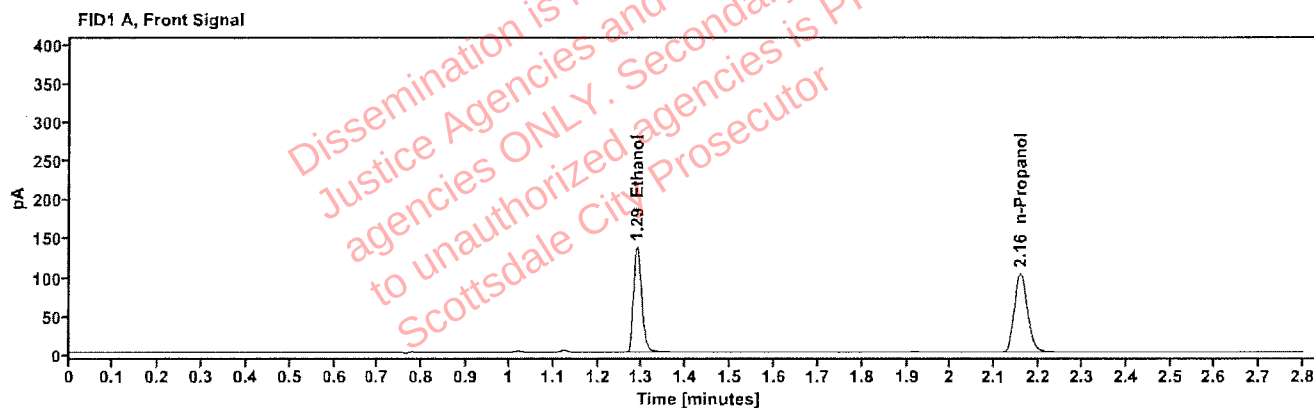


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.2150           | 1.288      | 174.949   |
| n-Propanol         | ----             | 2.157      | 211.996   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.433      | 179.823   |
| n-Propanol | 2.614      | 215.329   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2617292-2                     | Vial:           | 30                  |
| Description: |                               | LIMS ID:        |                     |
| Method:      | ethanol quant.M               | Sequence:       | 01Sep26             |
| Instrument:  | US2320A024 US23180007         | Injection date: | 9/1/2026 6:36:11 PM |
| Data file:   | C:\Chem32\1\Data\01Sep26\30.D | Analyst:        | Arroyo              |

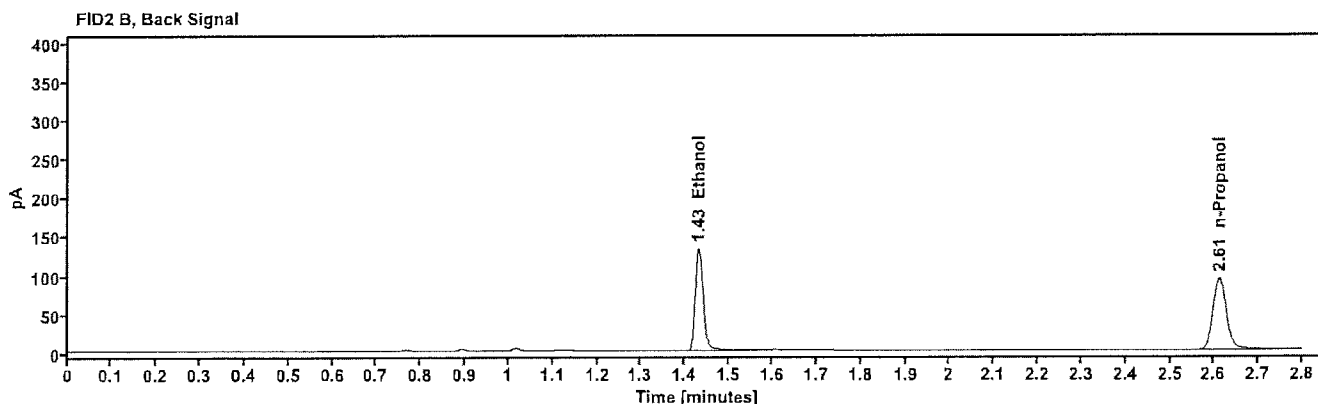
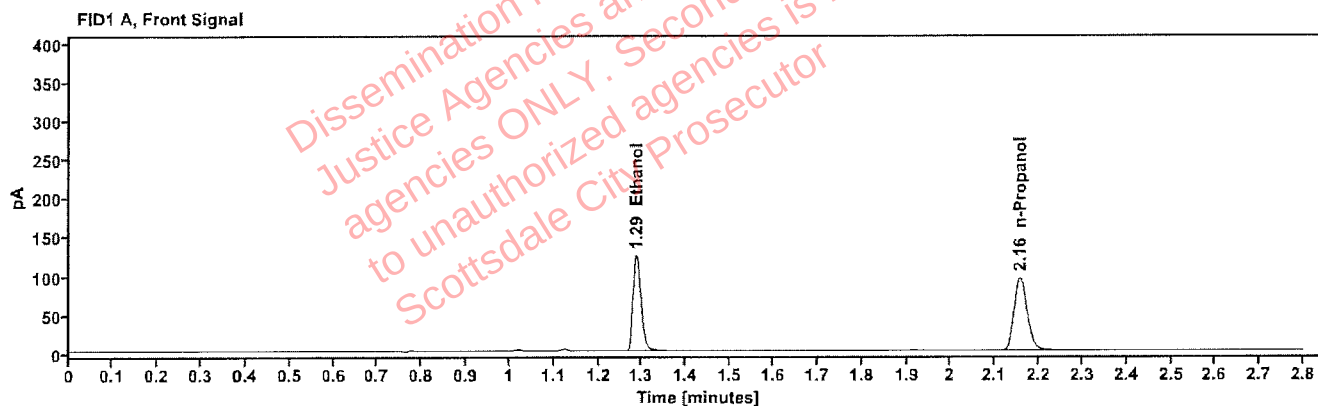


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.2117           | 1.287      | 159.987   |
| n-Propanol         | -----            | 2.156      | 196.857   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.431      | 164.344   |
| n-Propanol | 2.612      | 199.666   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|                     |                               |                        |                     |
|---------------------|-------------------------------|------------------------|---------------------|
| <b>Sample:</b>      | 2617497-2                     | <b>Vial:</b>           | 32                  |
| <b>Description:</b> |                               | <b>LIMS ID:</b>        |                     |
| <b>Method:</b>      | ethanol quant.M               | <b>Sequence:</b>       | 01Sep26             |
| <b>Instrument:</b>  | US2320A024 US23180007         | <b>Injection date:</b> | 9/1/2026 6:44:58 PM |
| <b>Data file:</b>   | C:\Chem32\1\Data\01Sep26\32.D | <b>Analyst:</b>        | Arroyo              |

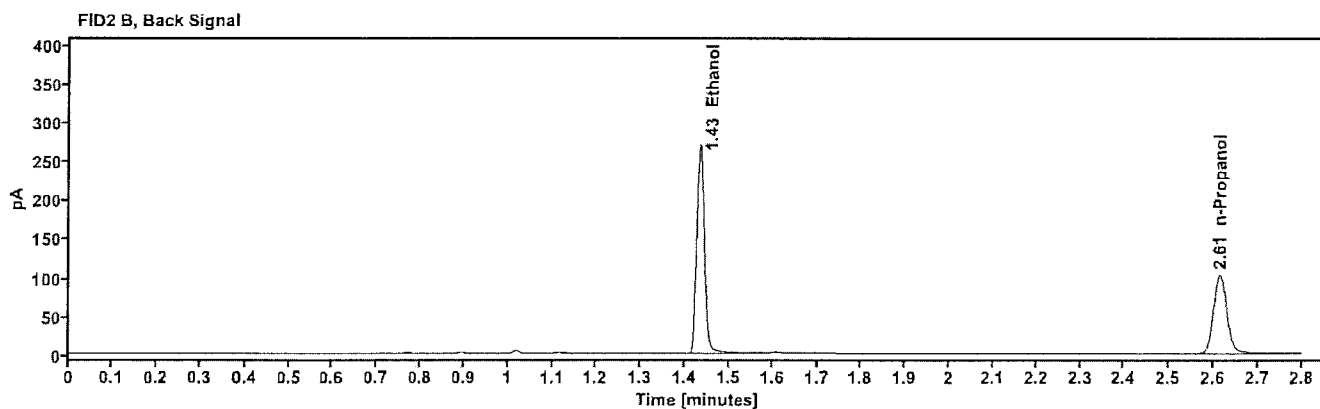
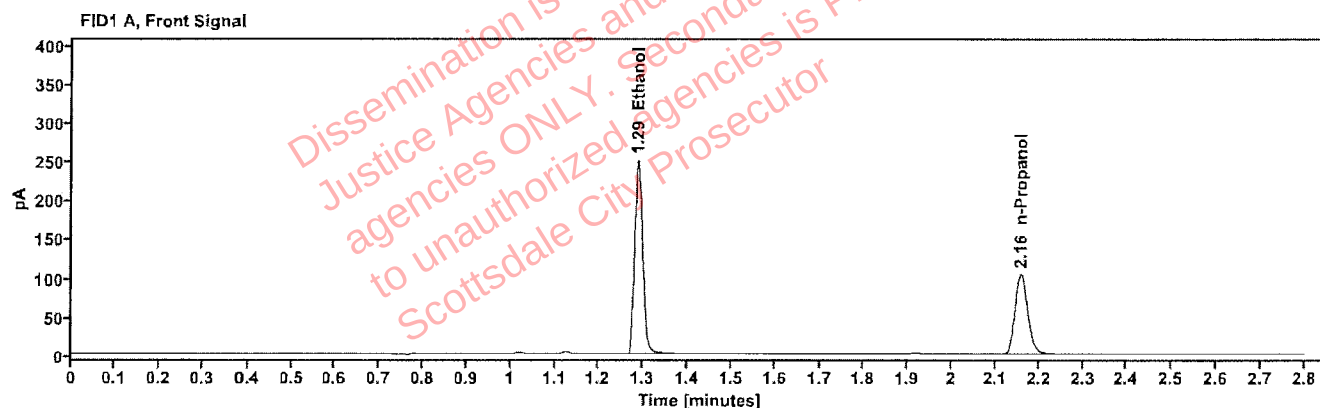


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.3877           | 1.288      | 319.691   |
| n-Propanol         | ---              | 2.158      | 214.482   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.433      | 328.519   |
| n-Propanol | 2.614      | 218.097   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2617497-2                     | Vial:           | 33                  |
| Description: |                               | LIMS ID:        |                     |
| Method:      | ethanol quant.M               | Sequence:       | 01Sep26             |
| Instrument:  | US2320A024 US23180007         | Injection date: | 9/1/2026 6:48:46 PM |
| Data file:   | C:\Chem32\1\Data\01Sep26\33.D | Analyst:        | Arroyo              |

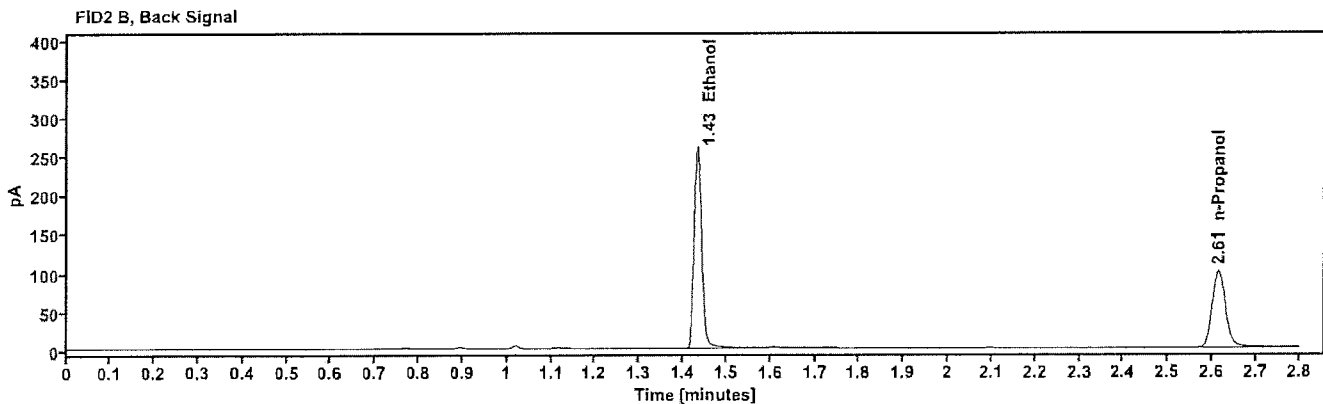
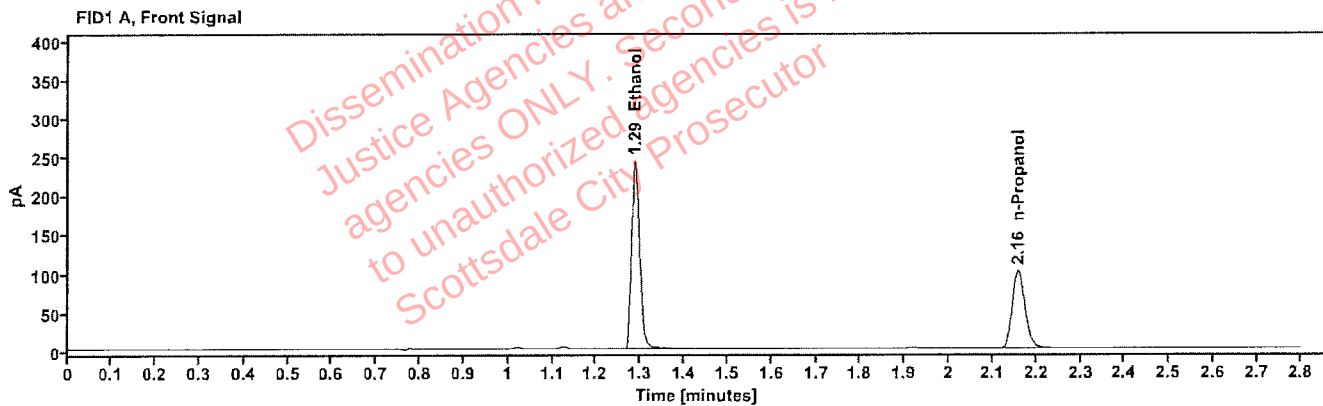


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.3863           | 1.288      | 309.386   |
| n-Propanol         | -----            | 2.158      | 208.343   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.433      | 317.721   |
| n-Propanol | 2.614      | 211.627   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2617502-1                     | Vial:           | 34                  |
| Description: |                               | LIMS ID:        |                     |
| Method:      | ethanol quant.M               | Sequence:       | 01Sep26             |
| Instrument:  | US2320A024 US23180007         | Injection date: | 9/1/2026 6:52:35 PM |
| Data file:   | C:\Chem32\1\Data\01Sep26\34.D | Analyst:        | Arroyo              |

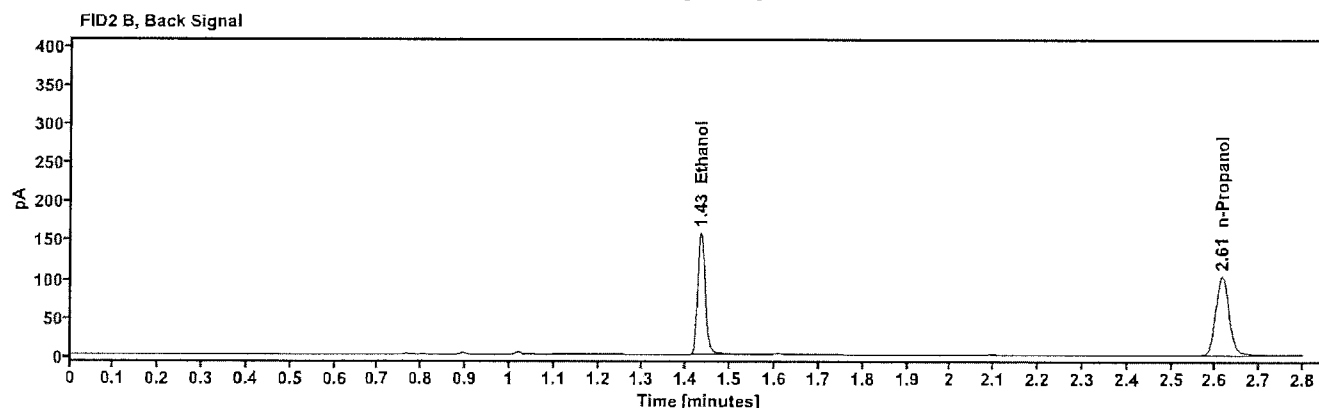
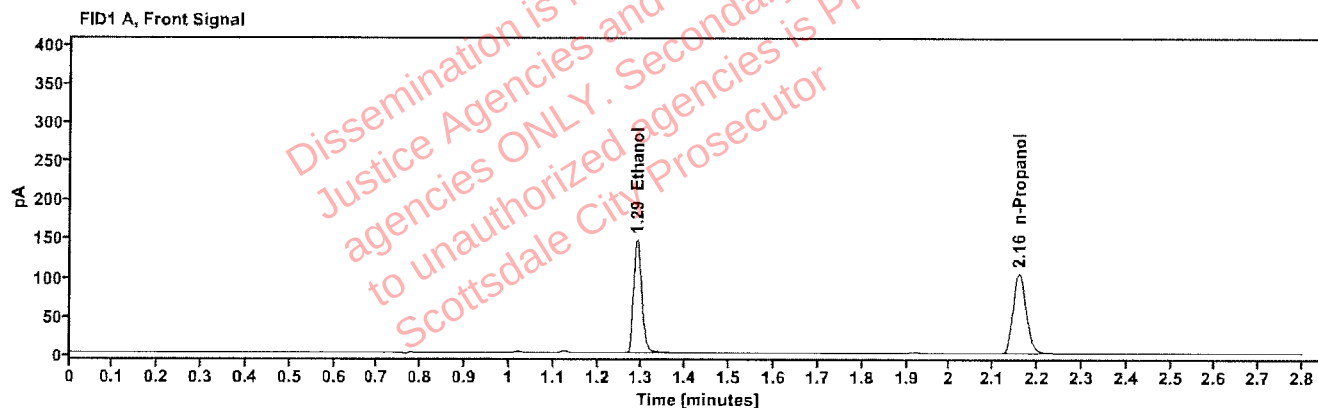


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.2273           | 1.288      | 187.936   |
| n-Propanol         | -----            | 2.158      | 215.382   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.434      | 192.758   |
| n-Propanol | 2.614      | 218.424   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2617502-1                     | Vial:           | 35                  |
| Description: |                               | LIMS ID:        |                     |
| Method:      | ethanol quant.M               | Sequence:       | 01Sep26             |
| Instrument:  | US2320A024 US23180007         | Injection date: | 9/1/2026 6:56:22 PM |
| Data file:   | C:\Chem32\1\Data\01Sep26\35.D | Analyst:        | Arroyo              |

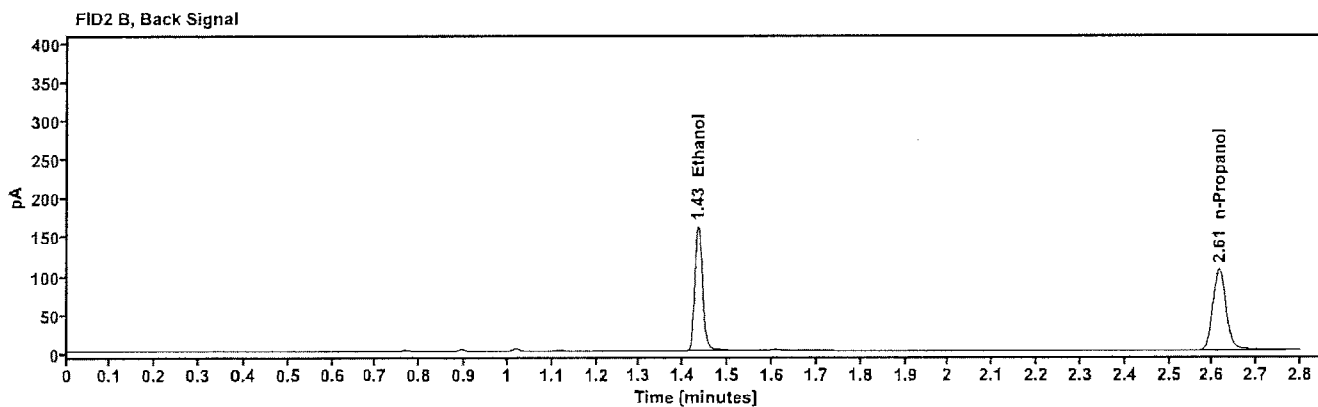
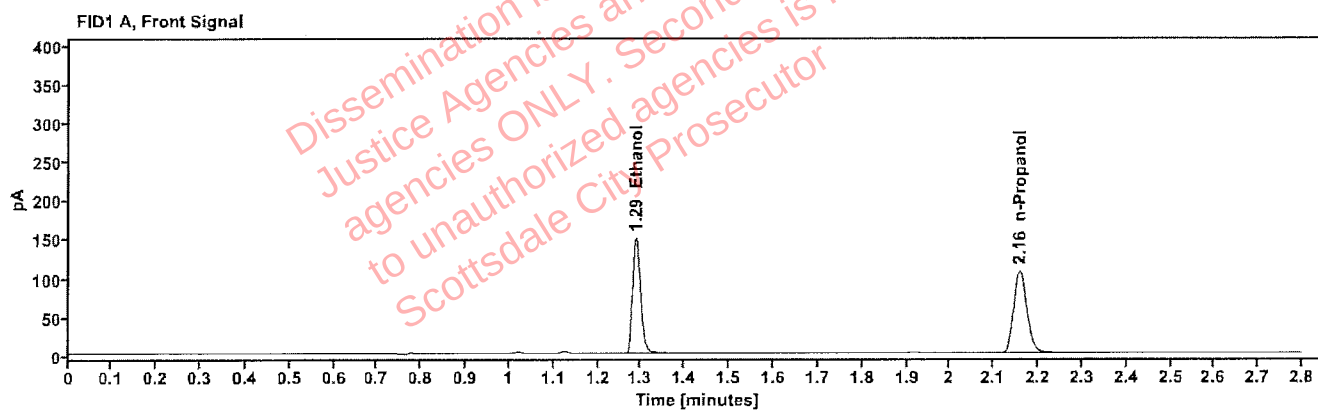


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.2269           | 1.288      | 192.270   |
| n-Propanol         | ----             | 2.158      | 220.740   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.434      | 197.209   |
| n-Propanol | 2.614      | 223.667   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2617610-2                     | Vial:           | 36                  |
| Description: |                               | LIMS ID:        |                     |
| Method:      | ethanol quant.M               | Sequence:       | 01Sep26             |
| Instrument:  | US2320A024 US23180007         | Injection date: | 9/1/2026 7:00:11 PM |
| Data file:   | C:\Chem32\1\Data\01Sep26\36.D | Analyst:        | Arroyo              |

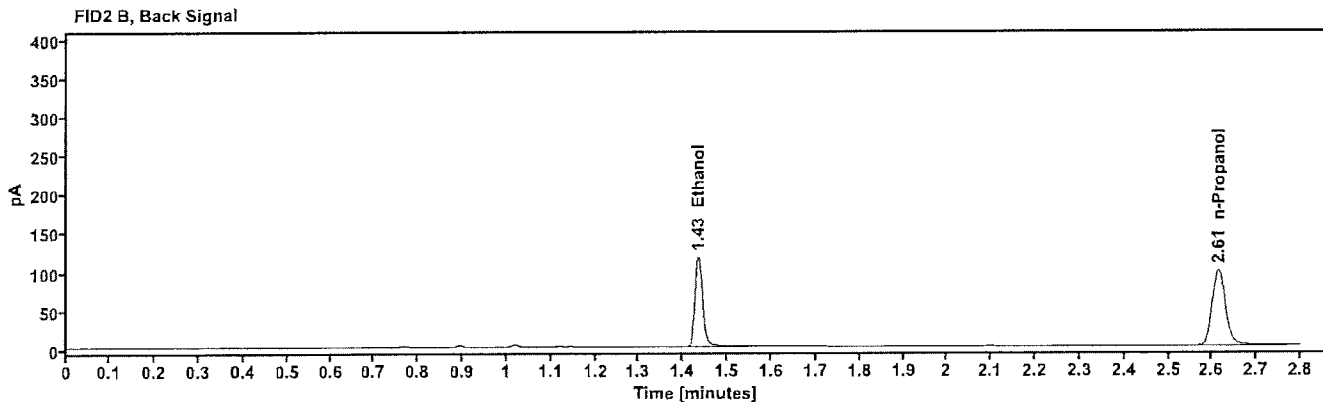
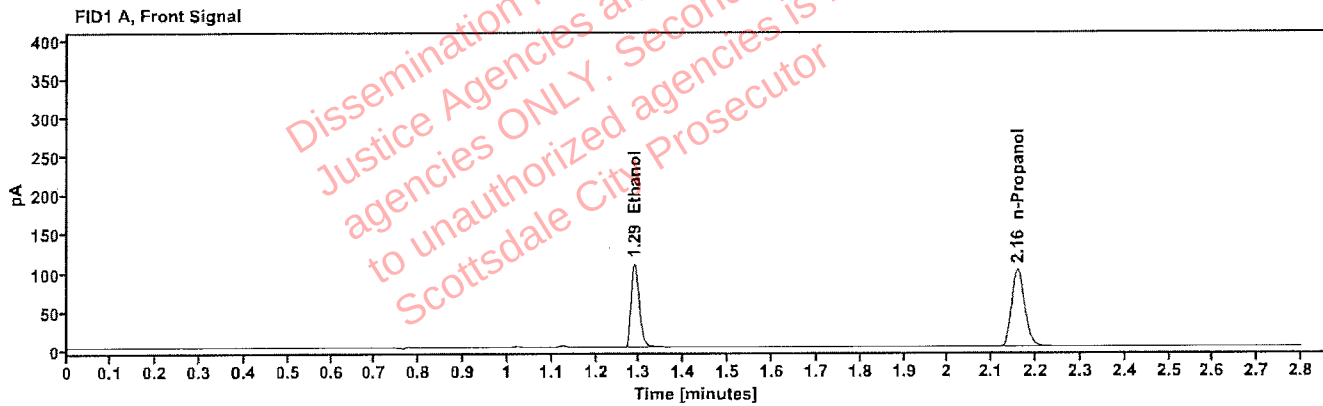


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.1759           | 1.289      | 139.712   |
| n-Propanol         | ---              | 2.158      | 207.110   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.434      | 143.464   |
| n-Propanol | 2.614      | 209.920   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|                     |                               |                        |                     |
|---------------------|-------------------------------|------------------------|---------------------|
| <b>Sample:</b>      | 2617610-2                     | <b>Vial:</b>           | 37                  |
| <b>Description:</b> |                               | <b>LIMS ID:</b>        |                     |
| <b>Method:</b>      | ethanol quant.M               | <b>Sequence:</b>       | 01Sep26             |
| <b>Instrument:</b>  | US2320A024 US23180007         | <b>Injection date:</b> | 9/1/2026 7:05:10 PM |
| <b>Data file:</b>   | C:\Chem32\1\Data\01Sep26\37.D | <b>Analyst:</b>        | Arroyo              |

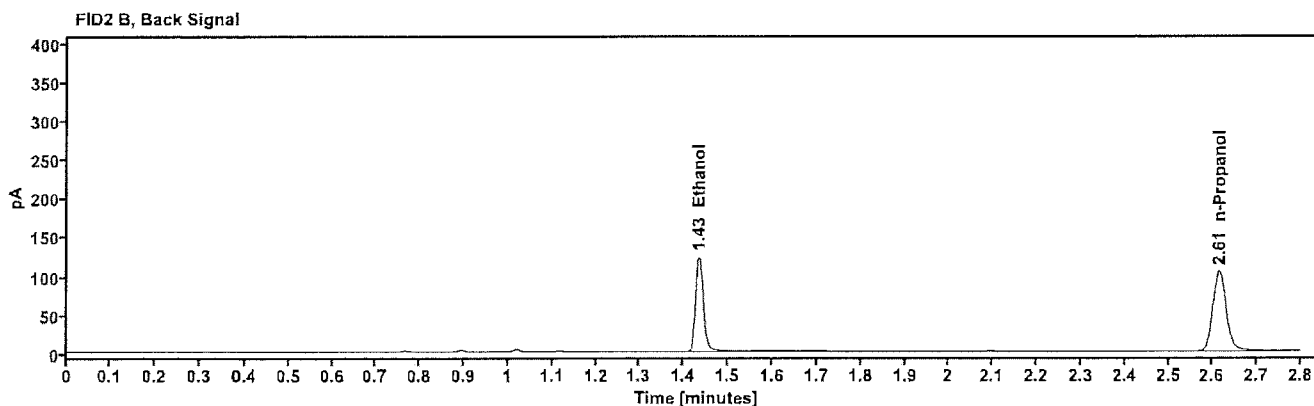
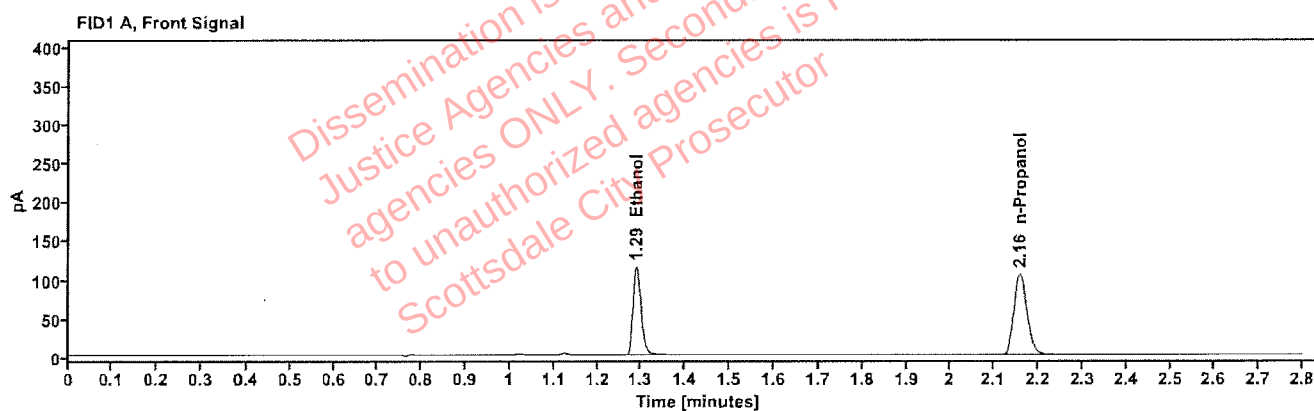


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.1763           | 1.289      | 147.363   |
| n-Propanol         | -----            | 2.158      | 217.900   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.434      | 151.236   |
| n-Propanol | 2.614      | 221.052   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2617617-1                     | Vial:           | 38                  |
| Description: |                               | LIMS ID:        |                     |
| Method:      | ethanol quant.M               | Sequence:       | 01Sep26             |
| Instrument:  | US2320A024 US23180007         | Injection date: | 9/1/2026 7:08:59 PM |
| Data file:   | C:\Chem32\1\Data\01Sep26\38.D | Analyst:        | Arroyo              |

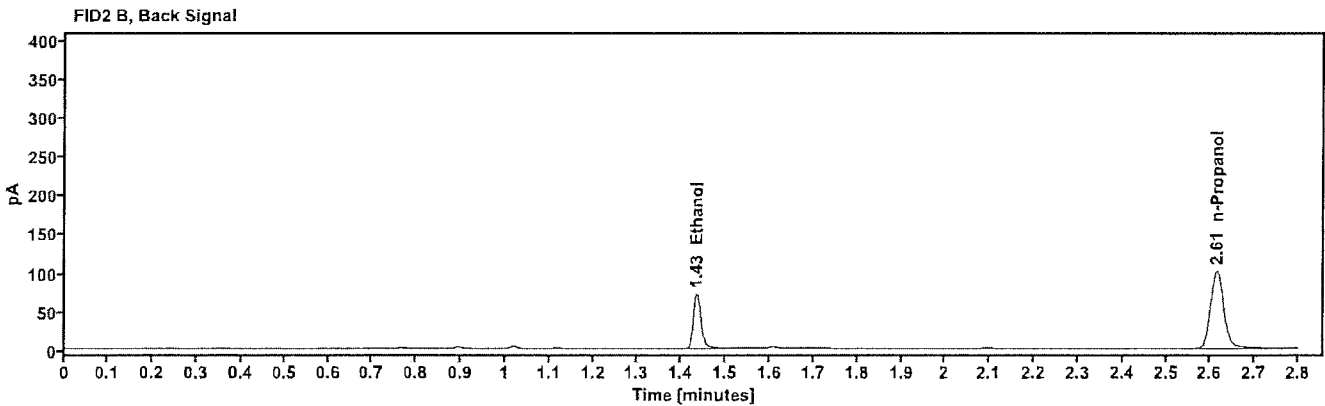
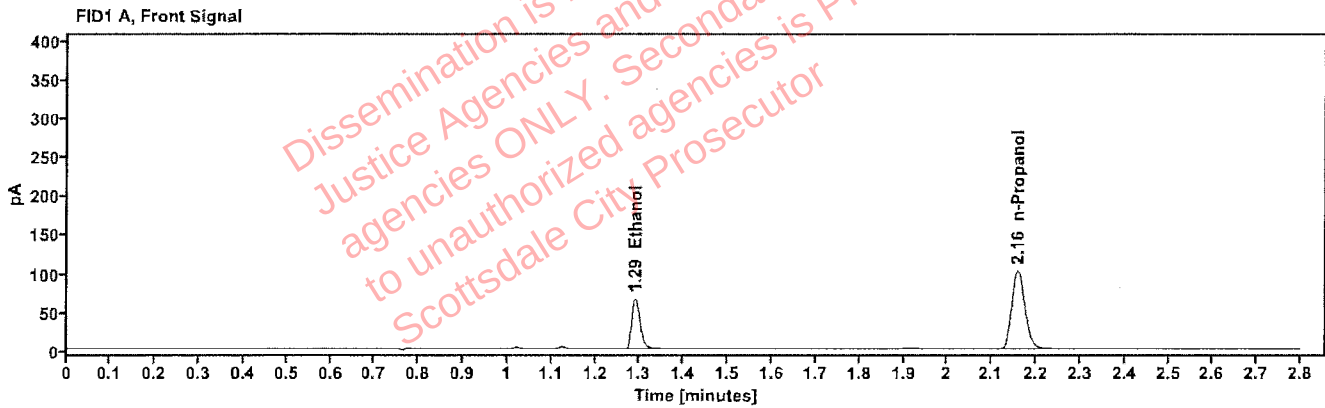


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.1058           | 1.290      | 85.219    |
| n-Propanol         | -----            | 2.158      | 210.701   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.434      | 86.636    |
| n-Propanol | 2.614      | 214.023   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2617617-1                     | Vial:           | 39                  |
| Description: |                               | LIMS ID:        |                     |
| Method:      | ethanol quant.M               | Sequence:       | 01Sep26             |
| Instrument:  | US2320A024 US23180007         | Injection date: | 9/1/2026 7:12:46 PM |
| Data file:   | C:\Chem32\1\Data\01Sep26\39.D | Analyst:        | Arroyo              |

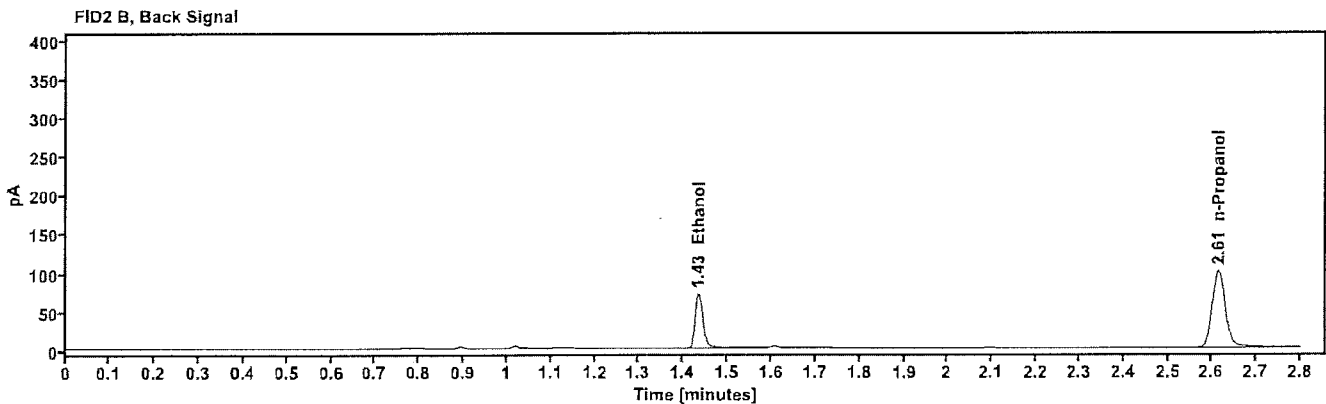
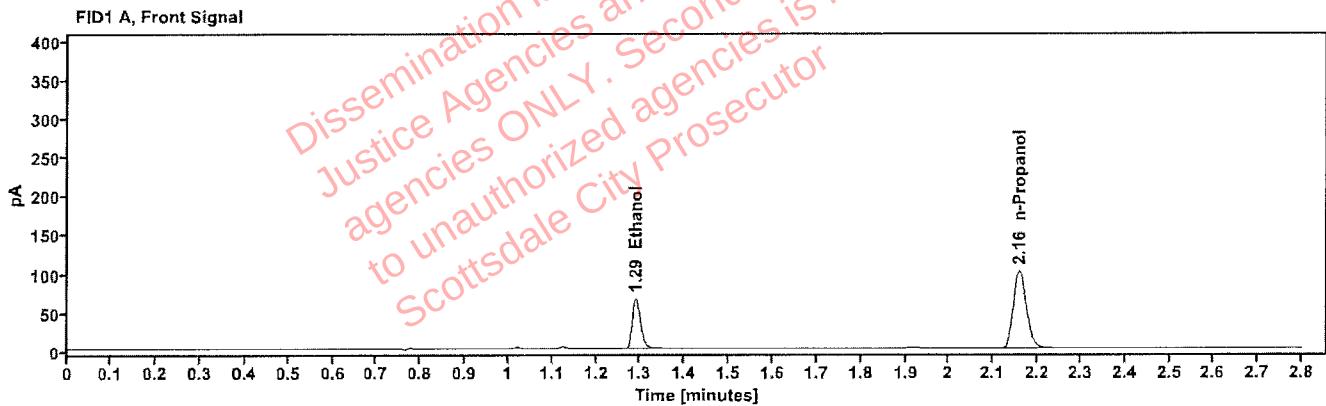


Table 1: FID 1 A (column DB-ALC1)

| Compound           | Amount (g/100mL) | Time (min) | Peak Area |
|--------------------|------------------|------------|-----------|
| quantified Ethanol | 0.1061           | 1.290      | 84.690    |
| n-Propanol         | -----            | 2.158      | 208.717   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.434      | 86.157    |
| n-Propanol | 2.614      | 211.827   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2617626-1                     | Vial:           | 40                  |
| Description: |                               | LIMS ID:        |                     |
| Method:      | ethanol quant.M               | Sequence:       | 01Sep26             |
| Instrument:  | US2320A024 US23180007         | Injection date: | 9/1/2026 7:16:33 PM |
| Data file:   | C:\Chem32\1\Data\01Sep26\40.D | Analyst:        | Arroyo              |

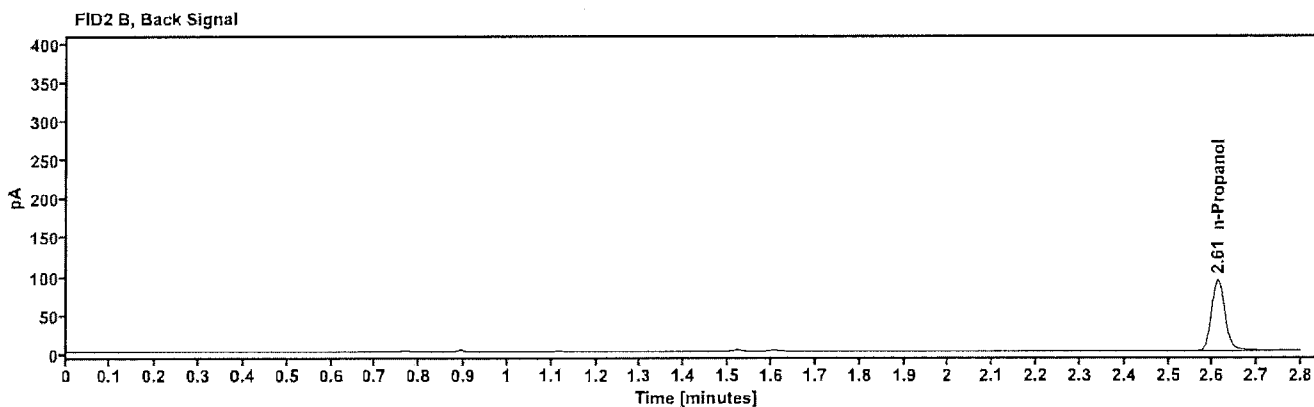
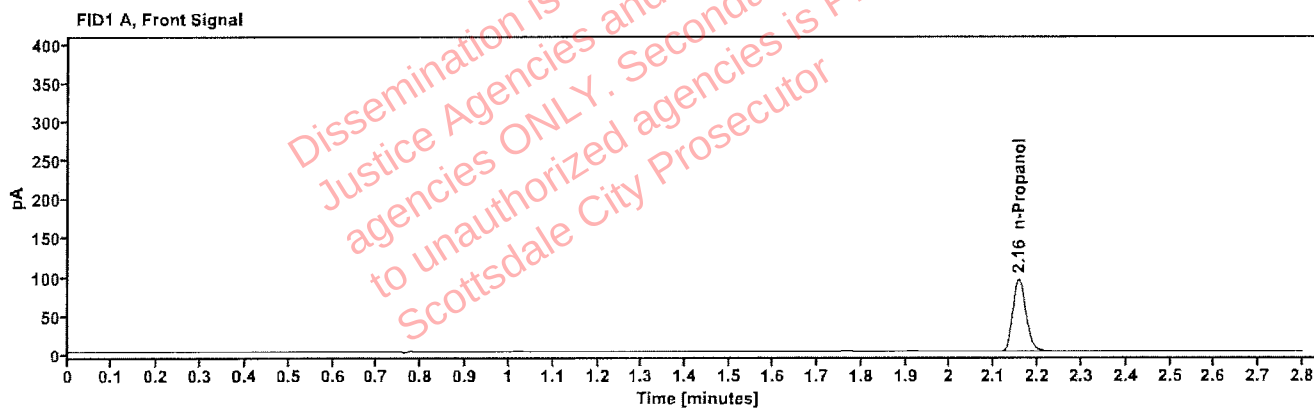


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | -----            | 2.156      | 194.964   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.611      | 197.245   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2617626-1                     | Vial:           | 41                  |
| Description: |                               | LIMS ID:        |                     |
| Method:      | ethanol quant.M               | Sequence:       | 01Sep26             |
| Instrument:  | US2320A024 US23180007         | Injection date: | 9/1/2026 7:20:23 PM |
| Data file:   | C:\Chem32\1\Data\01Sep26\41.D | Analyst:        | Arroyo              |

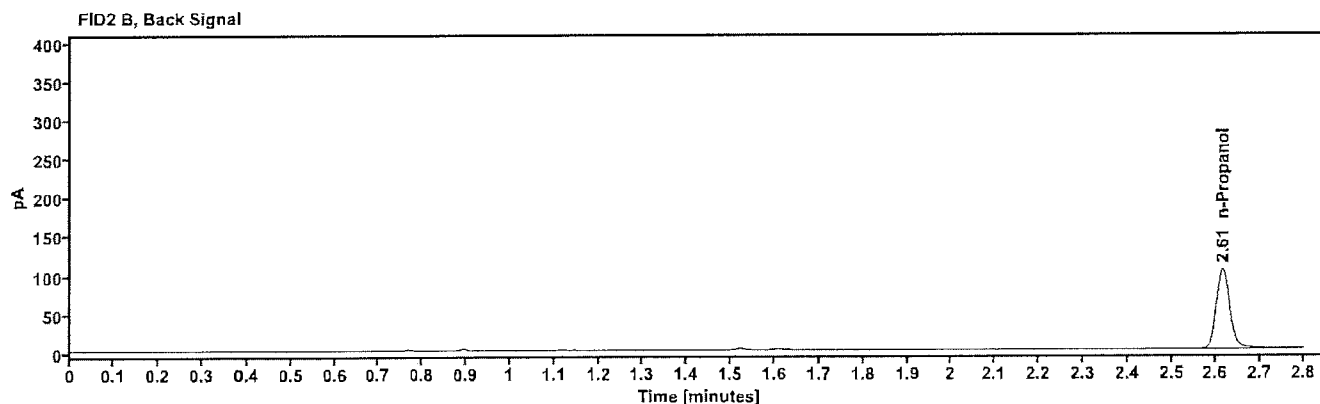
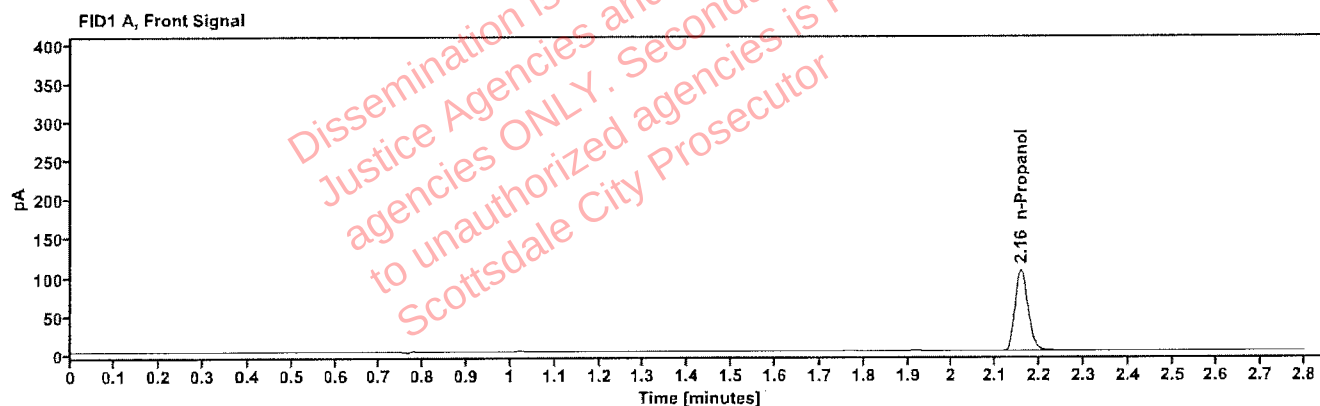


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | ---              | 2.158      | 217.391   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.614      | 220.275   |