

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 1/9/24 SEQUENCE NAME 09Jan24

**EQUIPMENT**

Pipettor  Hamilton ML600EH7497  Hamilton ML600GJ10749  
 Gas Chromatograph  Agilent US14173023

**INSTRUMENT CALIBRATION**

Vial 1 0.02 calibrator Lot FN03122113 Coefficient of determination (r<sup>2</sup>)  
 Vial 2 0.10 calibrator Lot FN11172002 0.99998  
 Vial 3 0.20 calibrator Lot FN03132302  
 Vial 4 0.40 calibrator Lot FN03052102

**CALIBRATION VERIFICATION AND RESOLUTION TEST**

| Vial | Sample          | Expected result | Measured result | Manufacturer/lot   |
|------|-----------------|-----------------|-----------------|--------------------|
| 5    | Blank           | Not detected    | Not detected    | SPD lab 011823WB   |
| 6    | Volatiles mix   | 6 compounds     | 6 compounds     | SPD lab 050721MIX  |
| 7    | Aqueous control | 0.400 g/dL      | 0.407 g/dL      | Lipomed 30012020-A |
| 8    | Aqueous control | 0.040 g/dL      | 0.042 g/dL      | Lipomed 14082019-B |
| 9    | Blood control   | 0.199 g/dL      | 0.202 g/dL      | ACQ 4110320133/11  |
| 20   | Aqueous control | 0.080 g/dL      | 0.081 g/dL      | Lipomed 20012020-B |
| 31   | Blood control   | 0.199 g/dL      | 0.202 g/dL      | ACQ 4110320133/11  |
| 42   | Aqueous control | 0.080 g/dL      | 0.080 g/dL      | Lipomed 20012020-B |
| 53   | Blood control   | 0.199 g/dL      | 0.202 g/dL      | ACQ 4110320133/11  |
| 64   | Aqueous control | 0.400 g/dL      | 0.402 g/dL      | Lipomed 30012020-A |
| 65   | Aqueous control | 0.040 g/dL      | 0.041 g/dL      | Lipomed 14082019-B |
| 66   | Blood control   | 0.199 g/dL      | 0.201 g/dL      | ACQ 4110320133/11  |
| 67   | Blank           | Not detected    | Not detected    | SPD lab 092223AQ   |
|      |                 |                 |                 |                    |
|      |                 |                 |                 |                    |
|      |                 |                 |                 |                    |
|      |                 |                 |                 |                    |

**SUBJECT SAMPLES**

Subjects in the sequence 25 Subjects requiring reanalysis 0

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

Run valid  Run invalid  *Phoebe Brooks* Analyst  
 Run valid  Run invalid  *ASW* Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

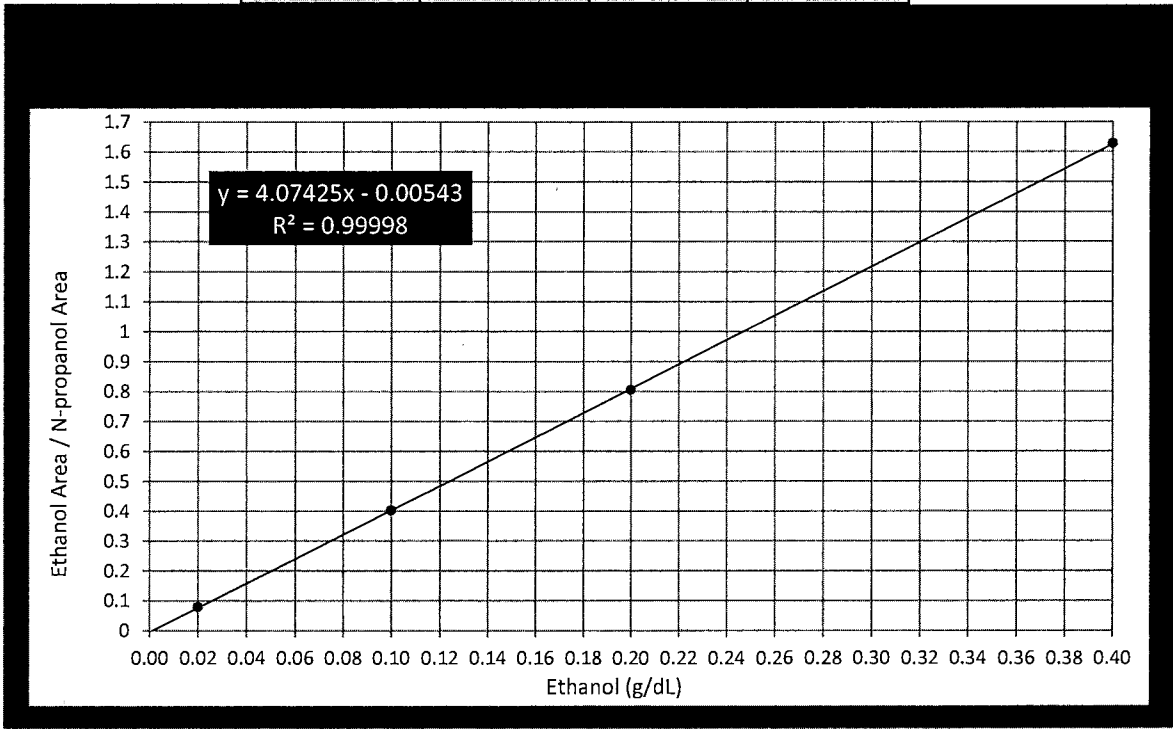
PB

SEQUENCE NAME: 09Jan24

ANALYST: Brooke

| Sample Name              | Vial | Measured Value (g/dL) | Expected Value (g/dL) | Percent Difference | Absolute Difference (g/dL) |
|--------------------------|------|-----------------------|-----------------------|--------------------|----------------------------|
| blank 011823WB           | 5    | negative              | negative              | -                  | -                          |
| 0.400 Lipomed 30012020-A | 7    | 0.407                 | 0.400                 | 1.75               | 0.007                      |
| 0.040 Lipomed 14082019-B | 8    | 0.042                 | 0.040                 | 5.00               | 0.002                      |
| 0.199 ACQ 4110320133/11  | 9    | 0.202                 | 0.199                 | 1.51               | 0.003                      |
| 0.080 Lipomed 20012020-B | 20   | 0.081                 | 0.080                 | 1.25               | 0.001                      |
| 0.199 ACQ 4110320133/11  | 31   | 0.202                 | 0.199                 | 1.51               | 0.003                      |
| 0.080 Lipomed 20012020-B | 42   | 0.080                 | 0.080                 | 0.00               | 0.000                      |
| 0.199 ACQ 4110320133/11  | 53   | 0.202                 | 0.199                 | 1.51               | 0.003                      |
| 0.400 Lipomed 30012020-A | 64   | 0.402                 | 0.400                 | 0.50               | 0.002                      |
| 0.040 Lipomed 14082019-B | 65   | 0.041                 | 0.040                 | 2.50               | 0.001                      |
| 0.199 ACQ 4110320133/11  | 66   | 0.201                 | 0.199                 | 1.01               | 0.002                      |
| blank 092223AQ           | 67   | negative              | negative              | -                  | -                          |

| Calibrator | Ethanol Area | N-propanol Area | Ratio |
|------------|--------------|-----------------|-------|
| 0.020      | 11.911       | 151.116         | 0.079 |
| 0.100      | 60.496       | 150.721         | 0.401 |
| 0.200      | 121.757      | 151.233         | 0.805 |
| 0.400      | 246.126      | 151.327         | 1.626 |



# Scottsdale Police Department Crime Lab Volatiles Analysis

|                     |                              |                        |  |
|---------------------|------------------------------|------------------------|--|
| <b>Sample:</b>      | FN03122113                   | <b>Vial:</b>           | 1  |
| <b>Description:</b> | 0.020 calibrator             | <b>Sequence:</b>       | 09Jan24                                      |
| <b>Method:</b>      | ethanol quant.M              | <b>Injection date:</b> | 1/9/2024 3:54:27 PM                          |
| <b>Instrument:</b>  | US14173023 CN14160045        | <b>Analyst:</b>        | Brooke <span style="float: right;">JB</span> |
| <b>Data file:</b>   | C:\Chem32\1\Data\09Jan24\1.D |                        |  |

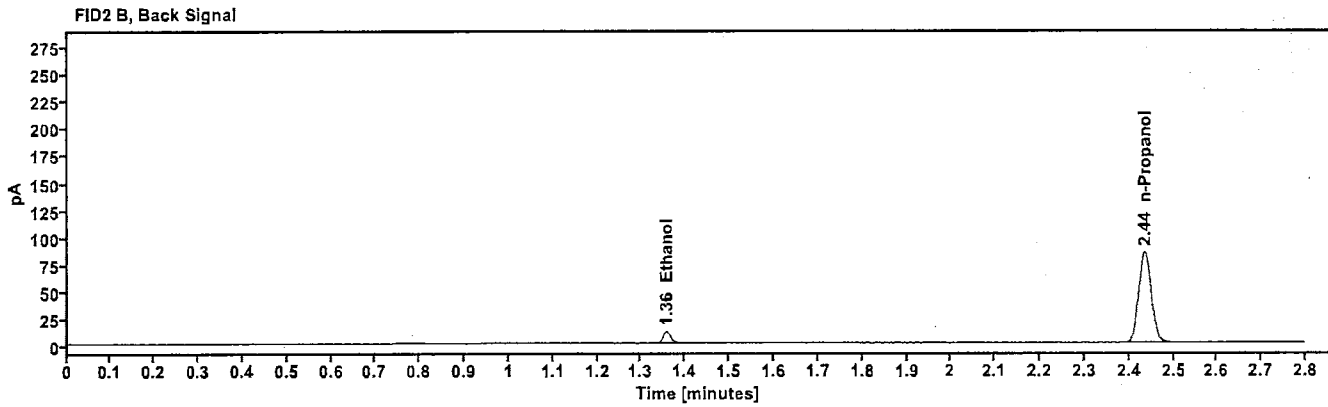
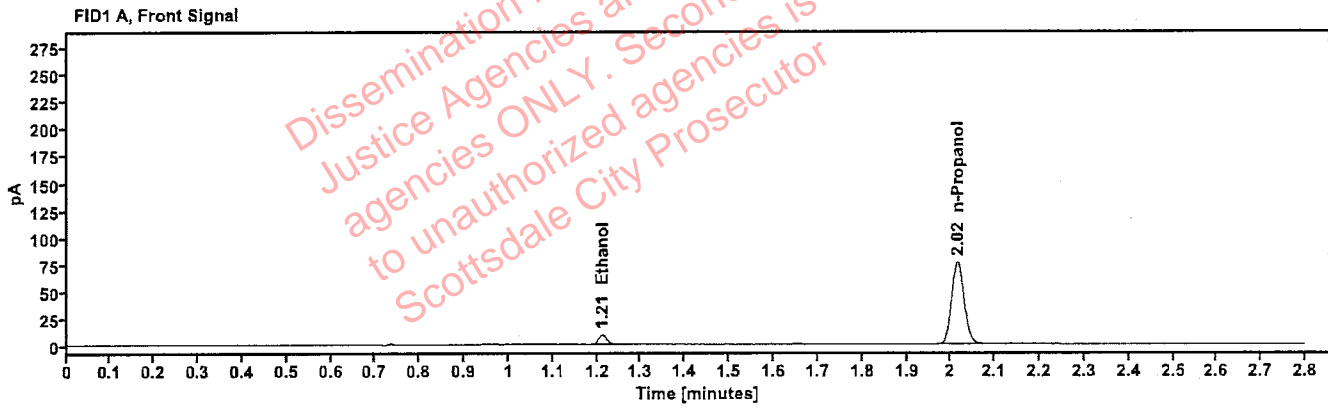


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.212      | 11.911    |
| n-Propanol | 2.015      | 151.116   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.358      | 13.069    |
| n-Propanol | 2.436      | 165.589   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|                     |                              |                        |   |
|---------------------|------------------------------|------------------------|---|
| <b>Sample:</b>      | FN11172002                   | <b>Vial:</b>           | 2   |
| <b>Description:</b> | 0.100 calibrator             | <b>Sequence:</b>       | 09Jan24                                       |
| <b>Method:</b>      | ethanol quant.M              | <b>Injection date:</b> | 1/9/2024 3:58:28 PM                           |
| <b>Instrument:</b>  | US14173023 CN14160045        | <b>Analyst:</b>        | Brooke <span style="float: right;">YPB</span> |
| <b>Data file:</b>   | C:\Chem32\1\Data\09Jan24\2.D |                        |   |

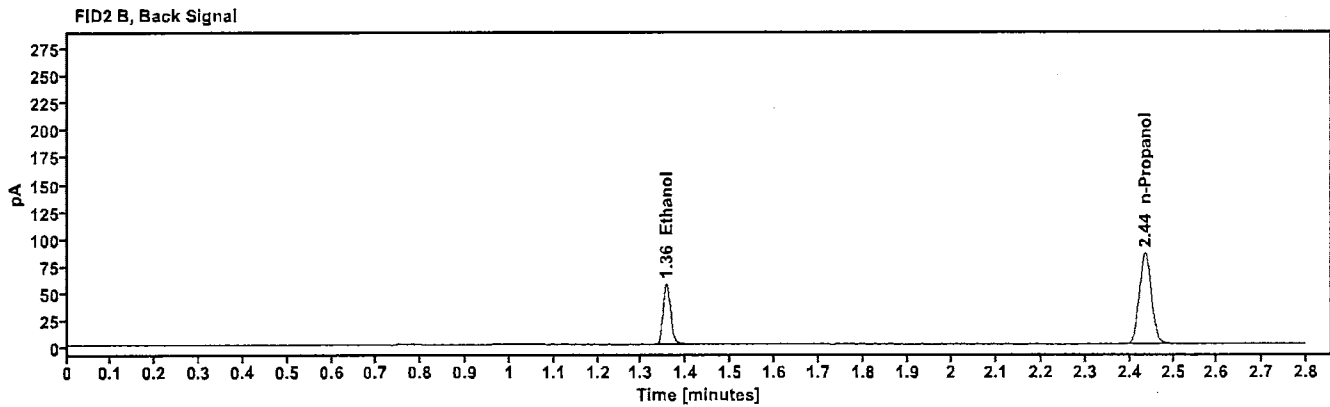
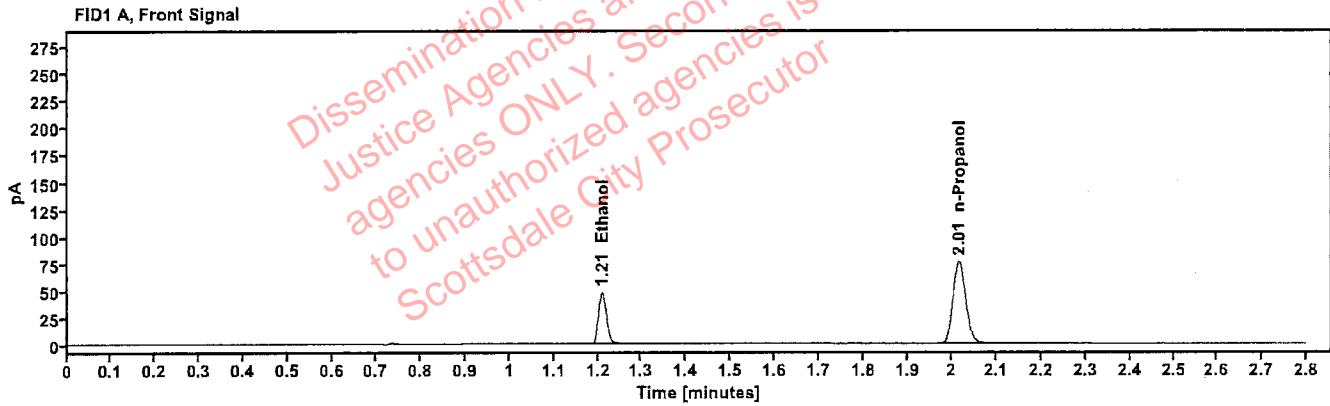


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.209      | 60.496    |
| n-Propanol | 2.015      | 150.721   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.356      | 66.484    |
| n-Propanol | 2.435      | 164.897   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|                     |                              |                        |                     |
|---------------------|------------------------------|------------------------|---------------------|
| <b>Sample:</b>      | FN03132302                   | <b>Vial:</b>           | 3                   |
| <b>Description:</b> | 0.200 calibrator             | <b>Sequence:</b>       | 09Jan24             |
| <b>Method:</b>      | ethanol quant.M              | <b>Injection date:</b> | 1/9/2024 4:02:27 PM |
| <b>Instrument:</b>  | US14173023 CN14160045        | <b>Analyst:</b>        | Brooke              |
| <b>Data file:</b>   | C:\Chem32\1\Data\09Jan24\3.D |                        |                     |

YB

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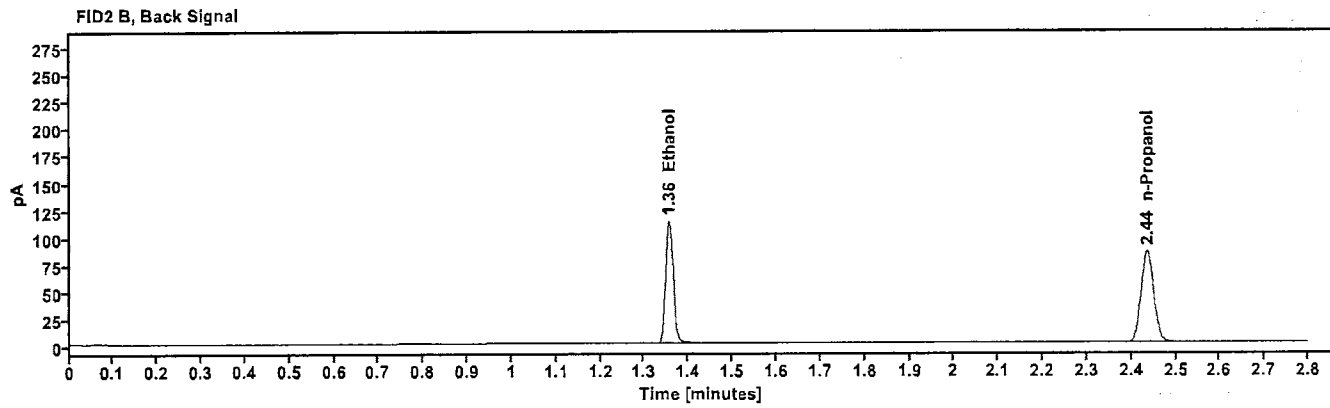
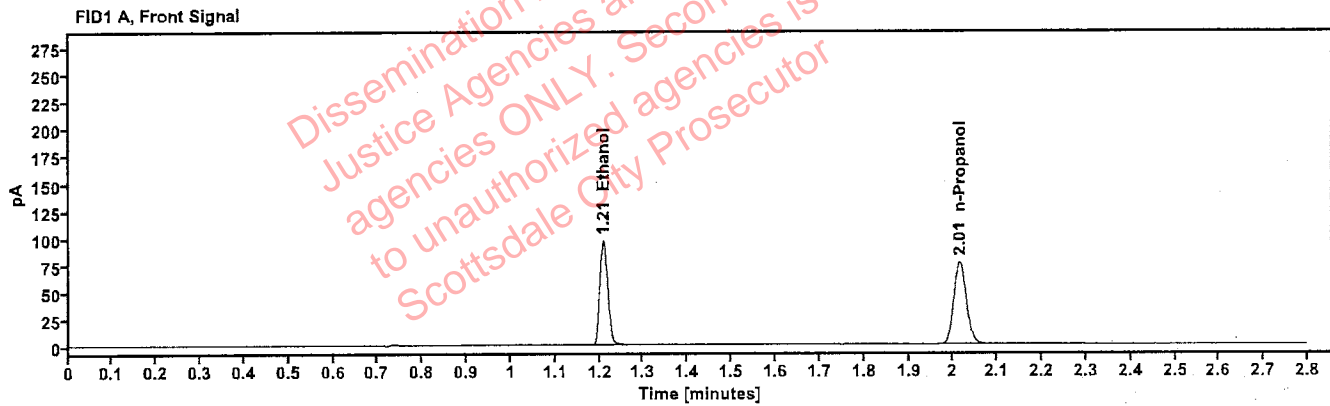


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.209      | 121.757   |
| n-Propanol | 2.015      | 151.233   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.356      | 133.873   |
| n-Propanol | 2.435      | 165.381   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                              |                 |                     |
|--------------|------------------------------|-----------------|---------------------|
| Sample:      | FN03052102                   | Vial:           | 4                   |
| Description: | 0.400 calibrator             | Sequence:       | 09Jan24             |
| Method:      | ethanol quant.M              | Injection date: | 1/9/2024 4:06:28 PM |
| Instrument:  | US14173023 CN14160045        | Analyst:        | Brooke              |
| Data file:   | C:\Chem32\1\Data\09Jan24\4.D |                 |                     |

100

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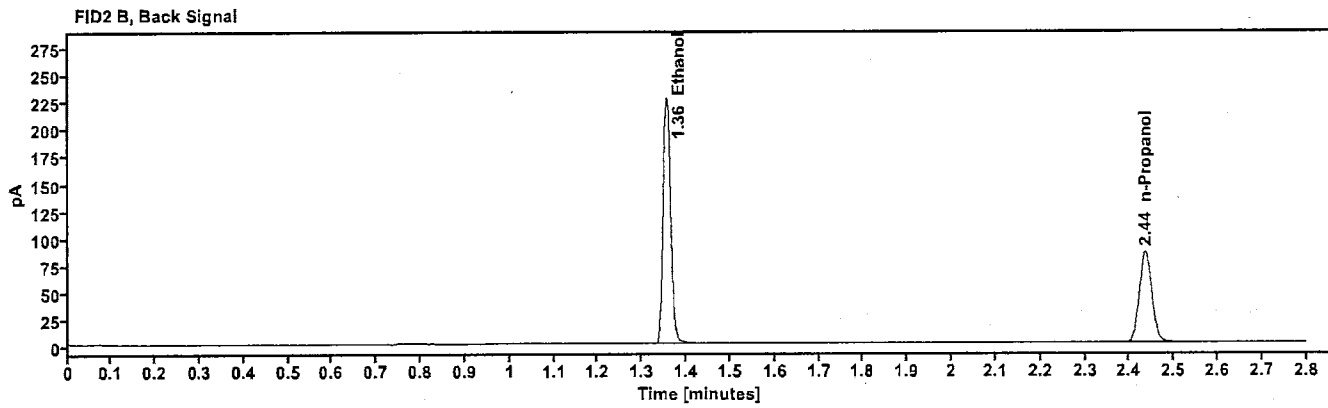
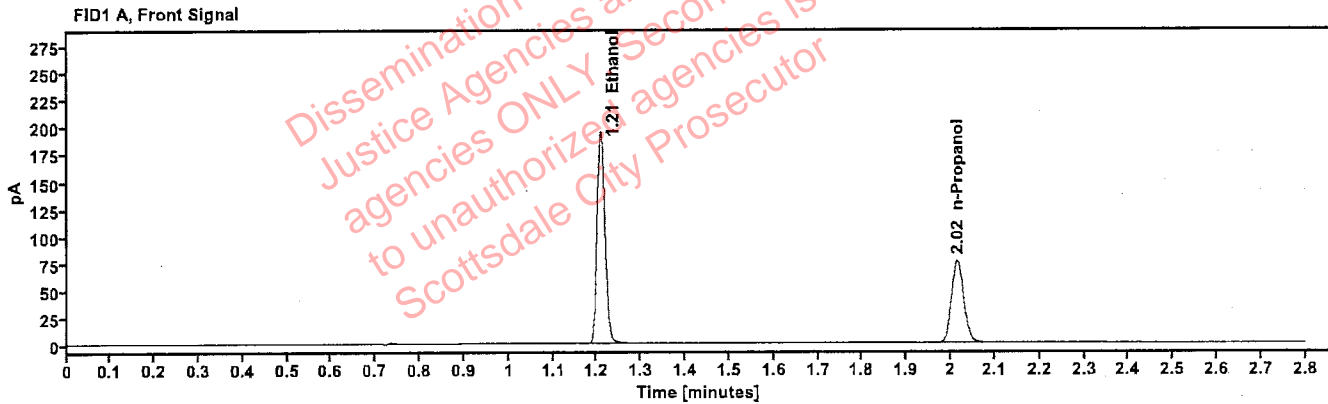


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.208      | 246.126   |
| n-Propanol | 2.015      | 151.327   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.356      | 271.346   |
| n-Propanol | 2.436      | 165.692   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|   |                                     |
|---|-------------------------------------|
| Sample: 011823WB                        | Vial: 5                             |
| Description: Negative                   | LIMS ID:                            |
| Method: ethanol quant.M                 | Sequence: 09Jan24                   |
| Instrument: US14173023 CN14160045       | Injection date: 1/9/2024 4:10:28 PM |
| Data file: C:\Chem32\1\Data\09Jan24\5.D | Analyst: Brooke                     |

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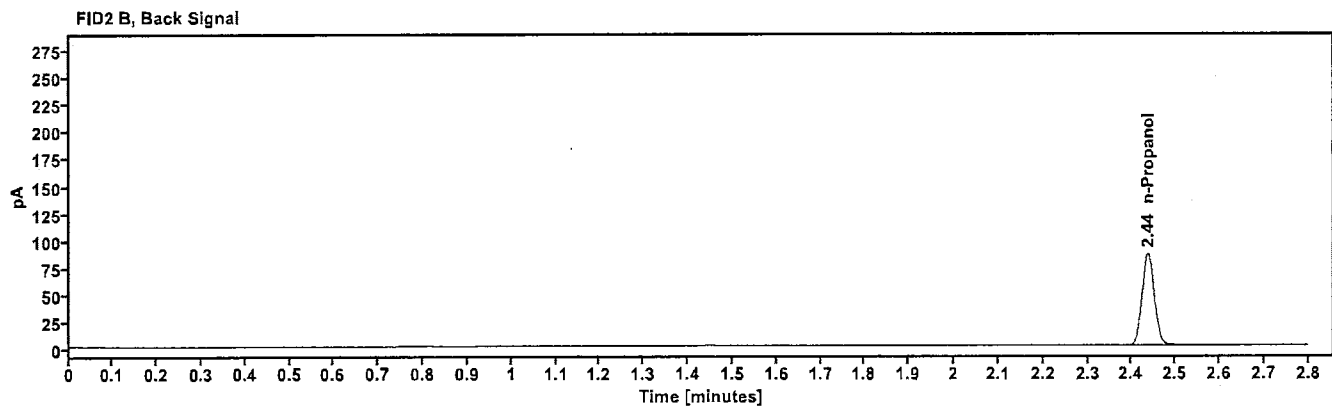
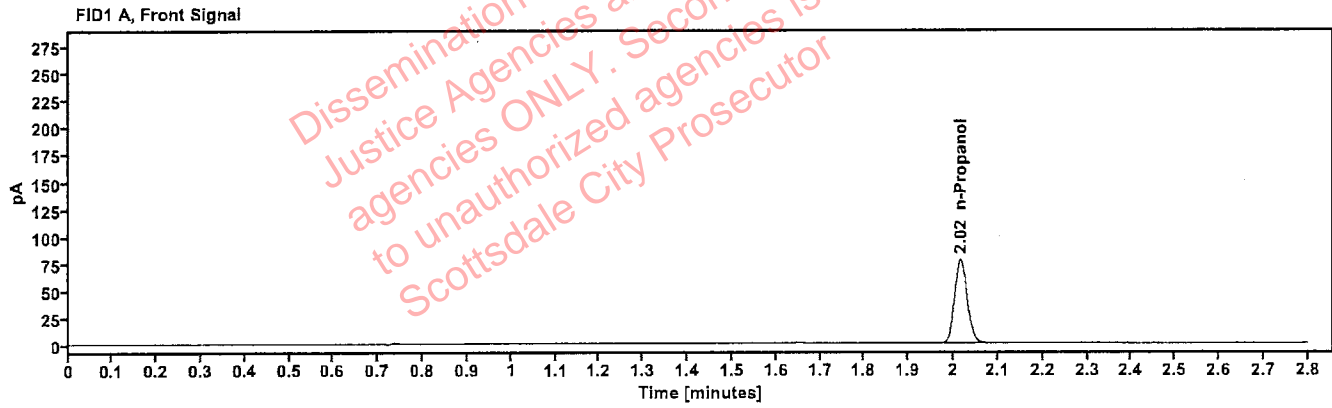


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | -----            | 2.016      | 153.195   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.437      | 167.718   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|  |  |
|--|--|
| <b>Sample:</b> 050721MIX                       | <b>Vial:</b> 6                             |
| <b>Description:</b> Volatiles mix              | <b>LIMS ID:</b>                            |
| <b>Method:</b> ethanol quant.M                 | <b>Sequence:</b> 09Jan24                   |
| <b>Instrument:</b> US14173023 CN14160045       | <b>Injection date:</b> 1/9/2024 4:14:28 PM |
| <b>Data file:</b> C:\Chem32\1\Data\09Jan24\6.D | <b>Analyst:</b> Brooke                     |

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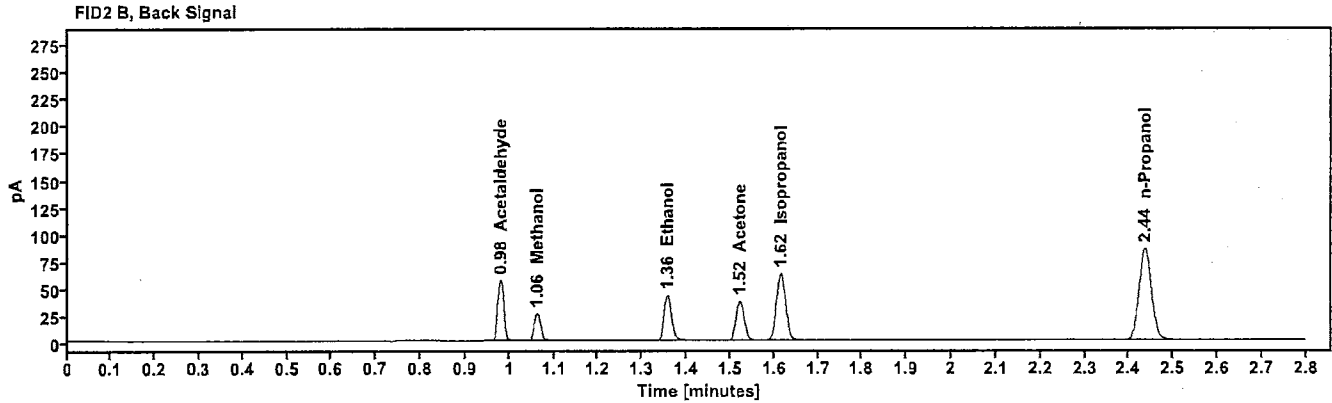
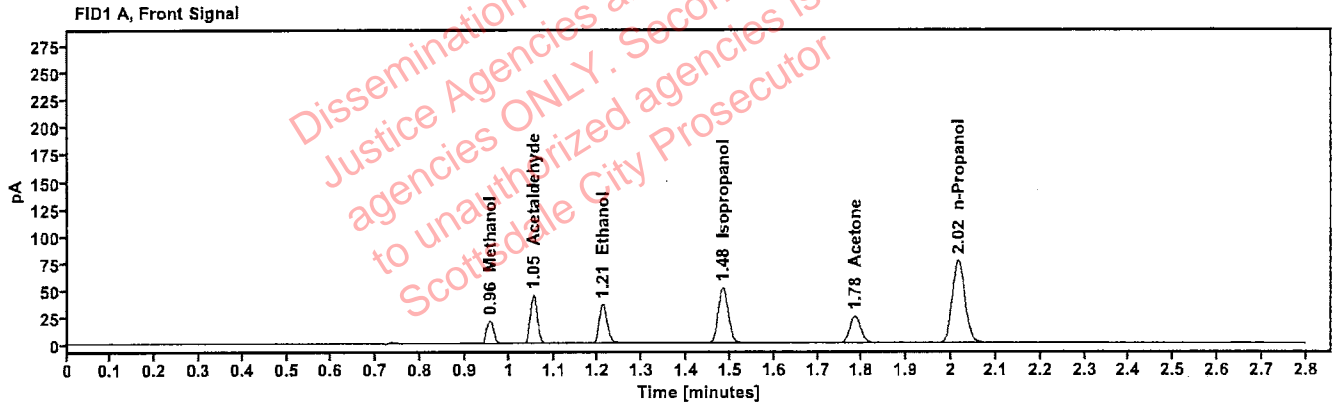


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Methanol     | -----            | 0.957      | 23.634    |
| Acetaldehyde | -----            | 1.055      | 49.180    |
| >Ethanol     | 0.0746           | 1.210      | 45.559    |
| Isopropanol  | -----            | 1.483      | 82.277    |
| Acetone      | -----            | 1.784      | 42.886    |
| n-Propanol   | -----            | 2.015      | 152.693   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.980      | 54.709    |
| Methanol     | 1.062      | 26.137    |
| Ethanol      | 1.357      | 49.997    |
| Acetone      | 1.522      | 47.114    |
| Isopropanol  | 1.615      | 90.904    |
| n-Propanol   | 2.436      | 166.936   |



# Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                              |                 |                     |
|--------------|------------------------------|-----------------|---------------------|
| Sample:      | 30012020-A                   | Vial:           | 7                   |
| Description: | 0.400                        | LIMS ID:        |                     |
| Method:      | ethanol quant.M              | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045        | Injection date: | 1/9/2024 4:18:43 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\7.D | Analyst:        | Brooke              |

70

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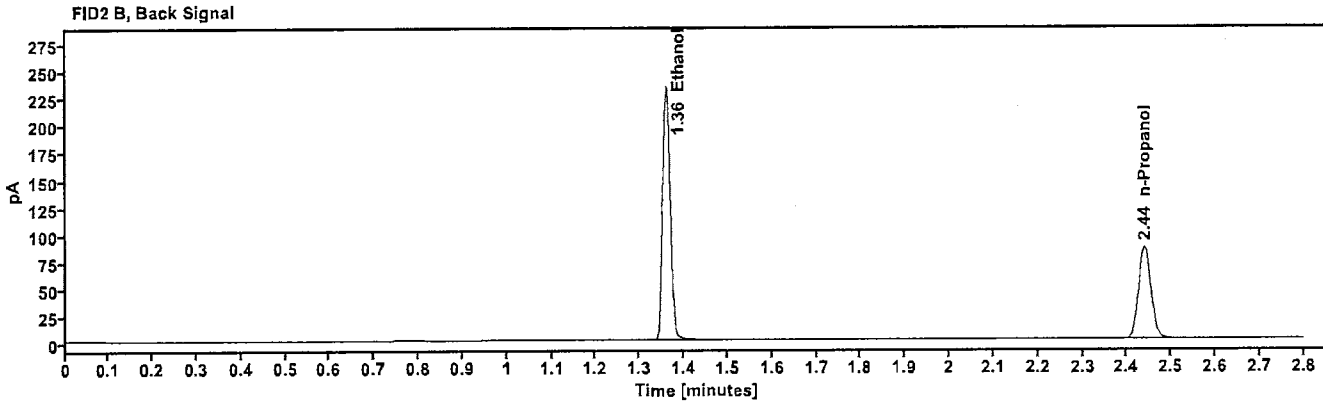
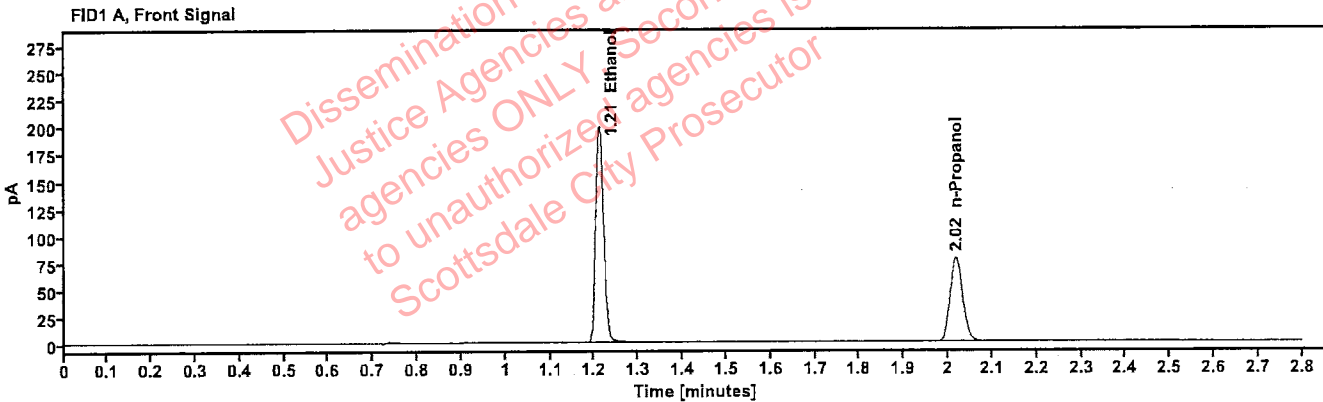


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.4074           | 1.211      | 254.394   |
| n-Propanol | ---              | 2.018      | 153.769   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.360      | 280.185   |
| n-Propanol | 2.440      | 168.152   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|  |  |
|--|--|
| <b>Sample:</b> 14082019-B                      | <b>Vial:</b> 8                             |
| <b>Description:</b> 0.040                      | <b>LIMS ID:</b>                            |
| <b>Method:</b> ethanol quant.M                 | <b>Sequence:</b> 09Jan24                   |
| <b>Instrument:</b> US14173023 CN14160045       | <b>Injection date:</b> 1/9/2024 4:22:42 PM |
| <b>Data file:</b> C:\Chem32\1\Data\09Jan24\8.D | <b>Analyst:</b> Brooke                     |

YPO

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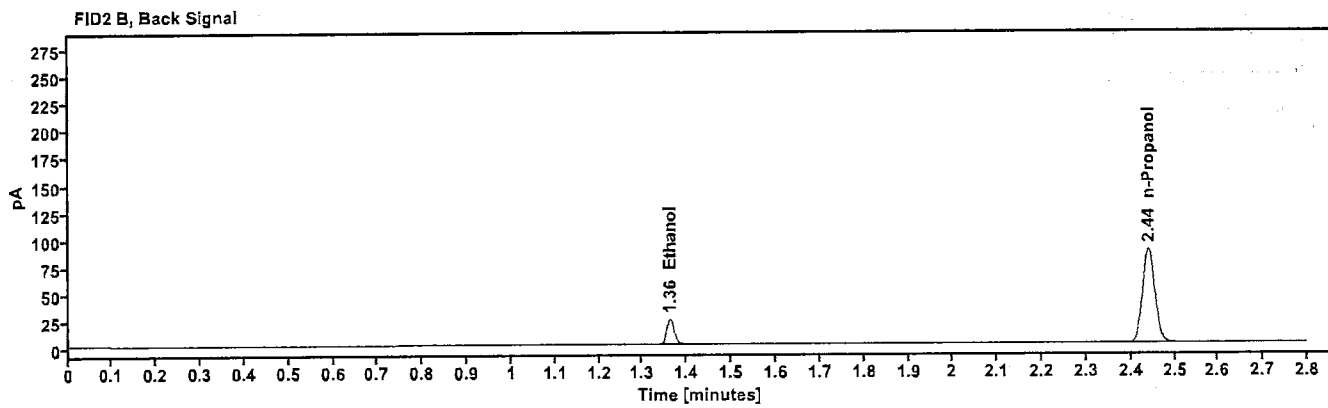
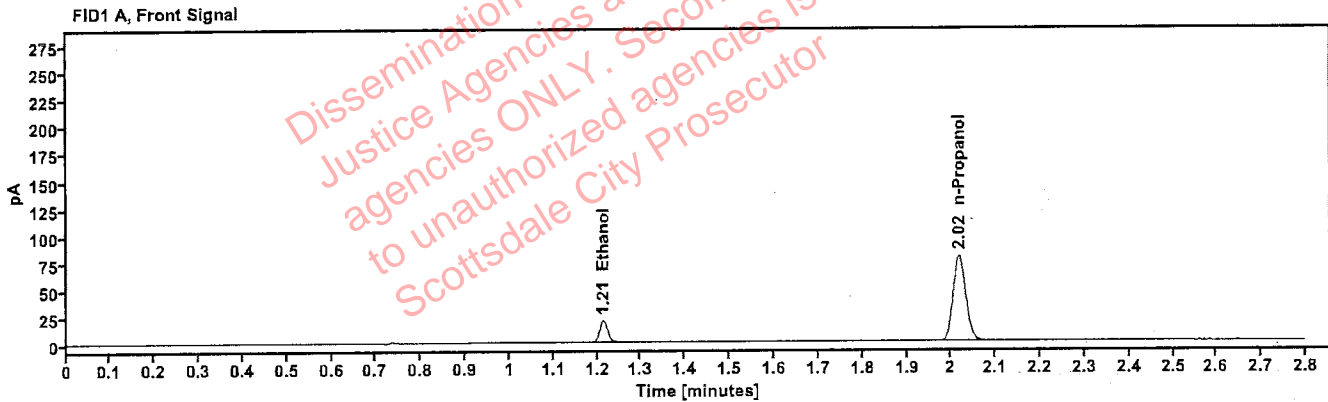


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.0421           | 1.213      | 26.052    |
| n-Propanol | -----            | 2.018      | 156.967   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.362      | 28.452    |
| n-Propanol | 2.440      | 171.757   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|   |  |
|---|--|
| Sample: 4110320133/11                   | Vial: 9  |
| Description: 0.199                      | LIMS ID:   |
| Method: ethanol quant.M                 | Sequence: 09Jan24 <span style="float: right;">YPB</span> |
| Instrument: US14173023 CN14160045       | Injection date: 1/9/2024 4:26:43 PM                      |
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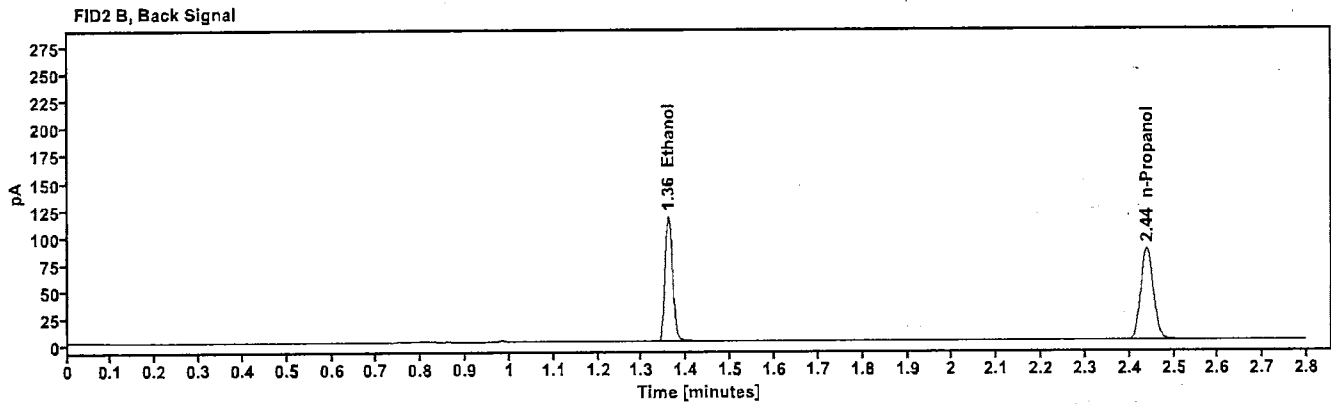
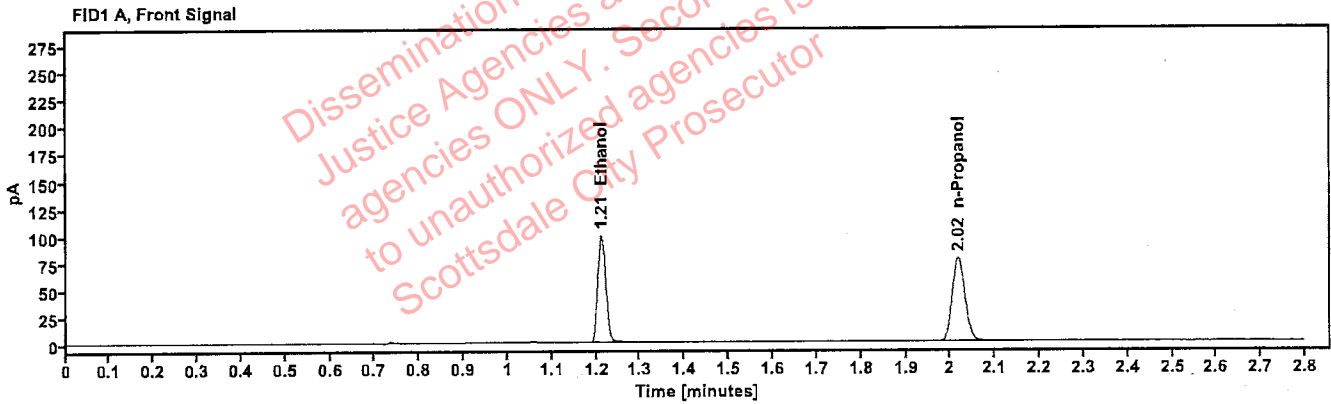


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2029           | 1.211      | 126.226   |
| n-Propanol | ---              | 2.018      | 153.703   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.360      | 138.700   |
| n-Propanol | 2.439      | 167.921   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|  |                                     |
|--|-------------------------------------|
| Sample: 20012020-B                       | Vial: 20                            |
| Description: 0.080                       | LIMS ID:                            |
| Method: ethanol quant.M                  | Sequence: 09Jan24                   |
| Instrument: US14173023 CN14160045        | Injection date: 1/9/2024 5:11:13 PM |
| Data file: C:\Chem32\1\Data\09Jan24\20.D | Analyst: Brooke                     |

*PKB*

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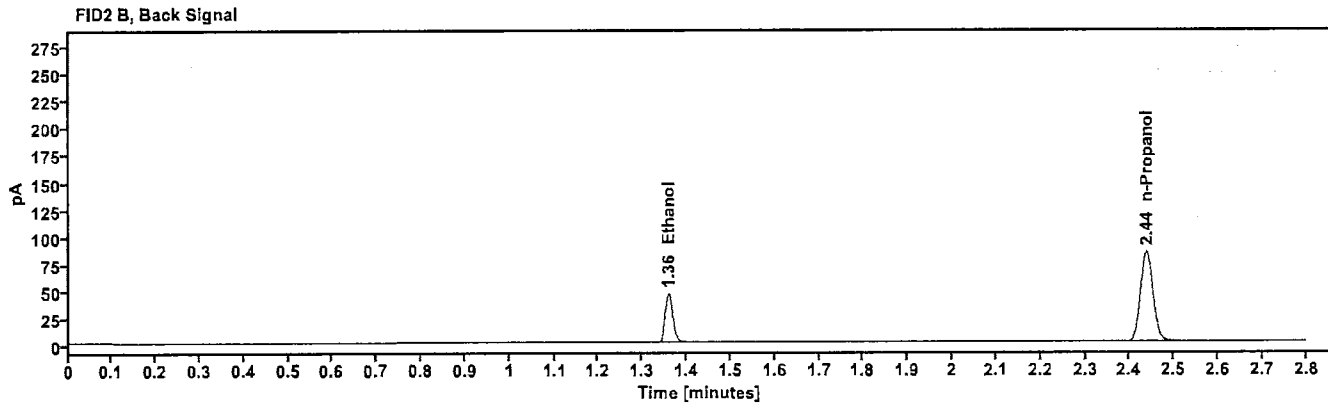
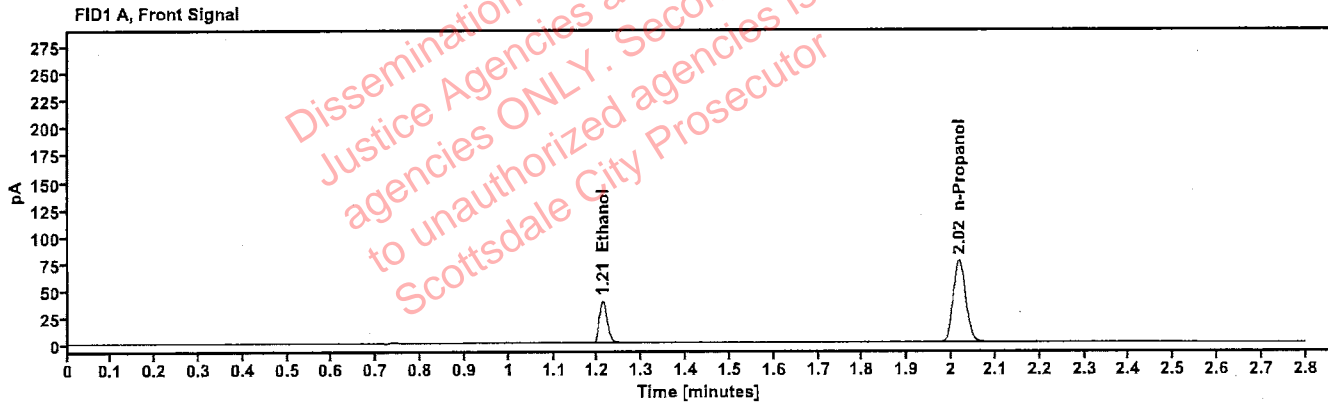


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.0814           | 1.211      | 49.214    |
| n-Propanol | ---              | 2.017      | 150.928   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.359      | 53.908    |
| n-Propanol | 2.438      | 164.833   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|  |   |
|--|---|
| Sample: 4110320133/11                    | Vial: 31  |
| Description: 0.199                       | LIMS ID: <span style="float: right;">YPS</span> |
| Method: ethanol quant.M                  | Sequence: 09Jan24                               |
| Instrument: US14173023 CN14160045        | Injection date: 1/9/2024 5:55:43 PM             |
| Data file: C:\Chem32\1\Data\09Jan24\31.D | Analyst: Brooke                                 |

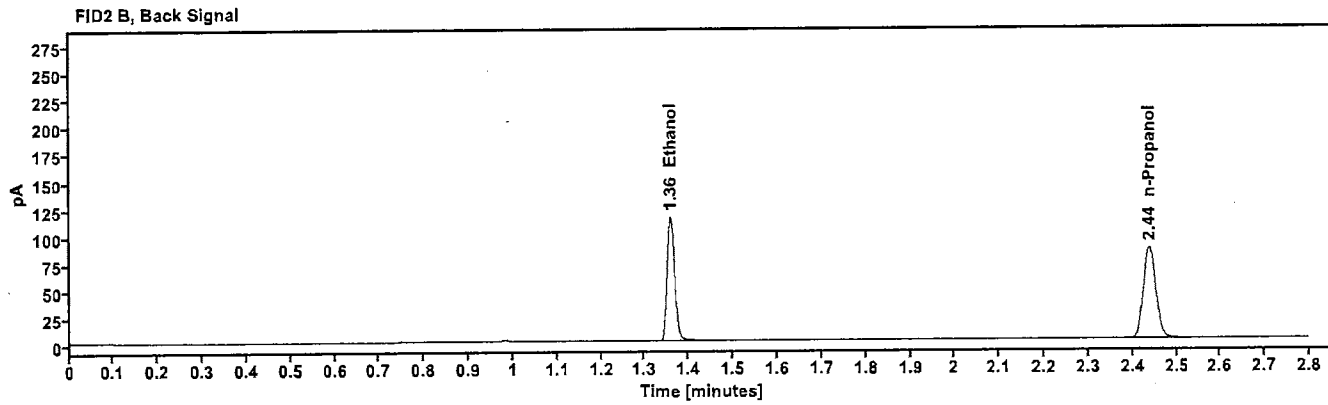
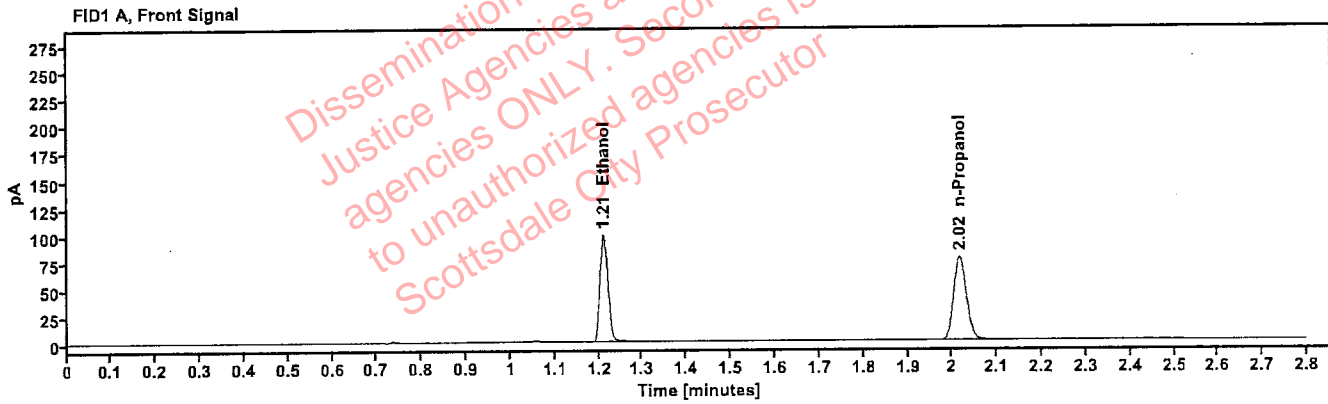


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2026           | 1.211      | 126.043   |
| n-Propanol | -----            | 2.017      | 153.727   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.359      | 138.253   |
| n-Propanol | 2.438      | 167.721   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|  |   |
|--|---|
| Sample: 20012020-B                       | Vial: 42  |
| Description: 0.080                       | LIMS ID: <span style="float: right;">JPB</span> |
| Method: ethanol quant.M                  | Sequence: 09Jan24                               |
| Instrument: US14173023 CN14160045        | Injection date: 1/9/2024 6:39:58 PM             |
| Data file: C:\Chem32\1\Data\09Jan24\42.D | Analyst: Brooke                                 |

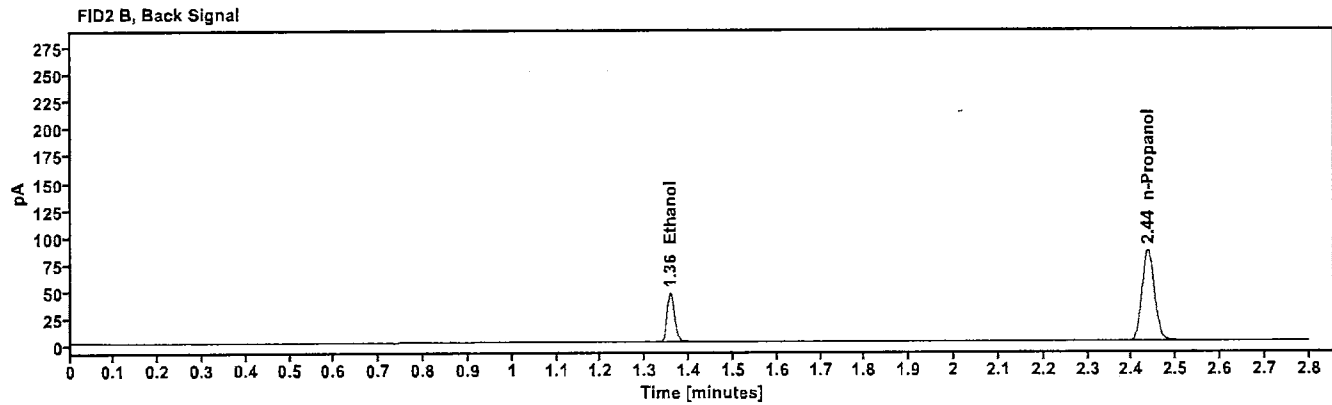
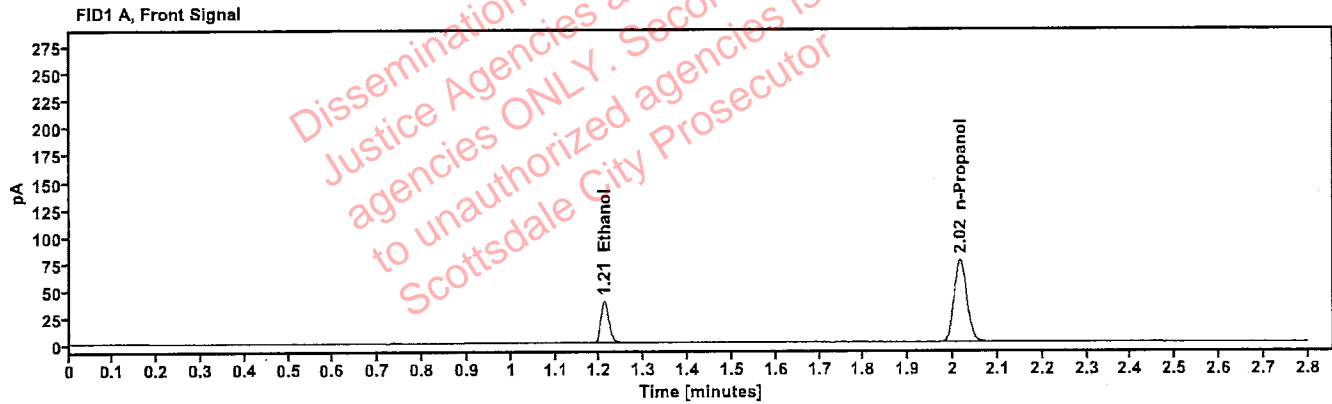


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.0809           | 1.210      | 49.105    |
| n-Propanol | ---              | 2.016      | 151.463   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.357      | 53.778    |
| n-Propanol | 2.437      | 165.471   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|  |                                     |
|--|-------------------------------------|
| Sample: 4110320133/11                    | Vial: 53                            |
| Description: 0.199                       | LIMS ID:                            |
| Method: ethanol quant.M                  | Sequence: 09Jan24                   |
| Instrument: US14173023 CN14160045        | Injection date: 1/9/2024 7:24:29 PM |
| Data file: C:\Chem32\1\Data\09Jan24\53.D | Analyst: Brooke                     |

YAB

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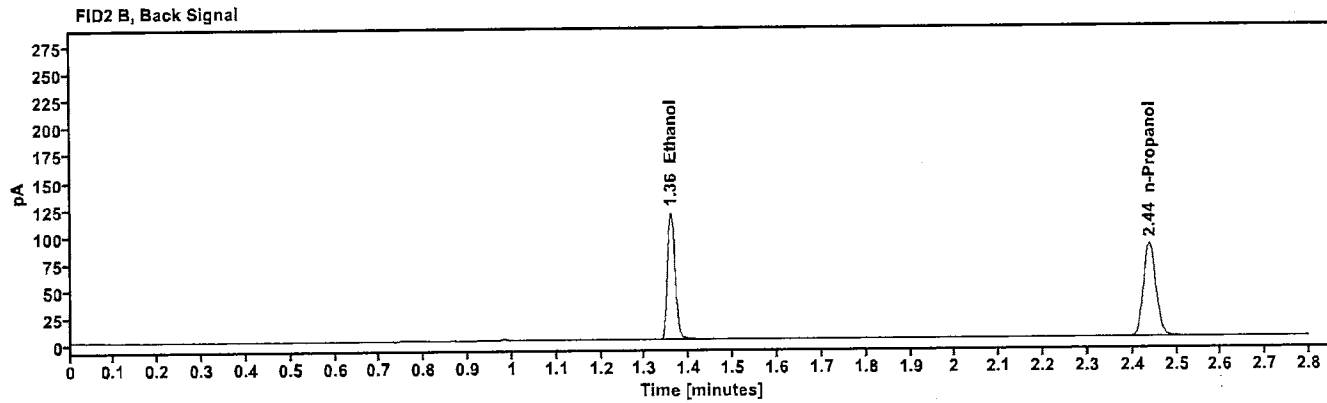
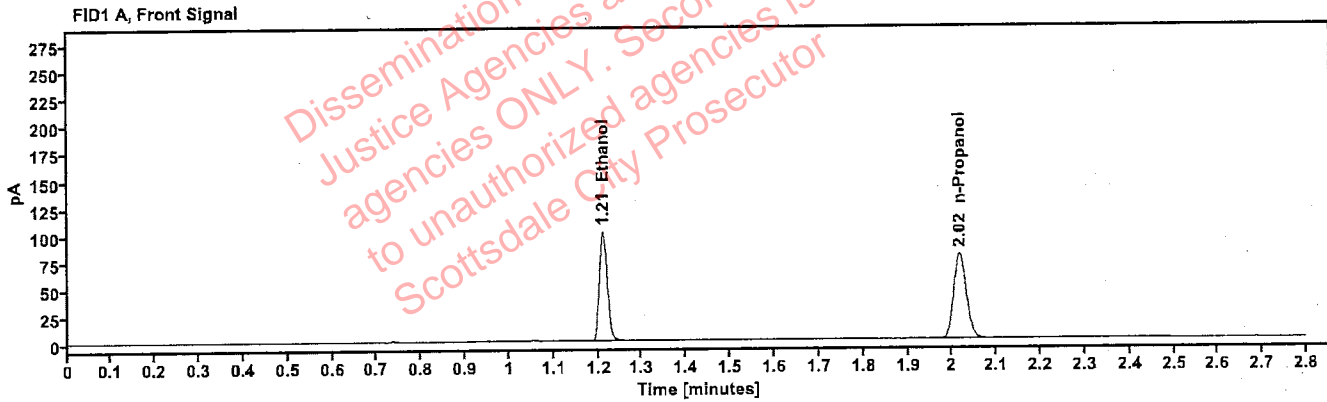


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2026           | 1.211      | 128.281   |
| n-Propanol | -----            | 2.017      | 156.447   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.359      | 140.890   |
| n-Propanol | 2.439      | 171.033   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|   |  |
|---|--|
| <b>Sample:</b> 30012020-A                       | <b>Vial:</b> 64                            |
| <b>Description:</b> 0.400                       | <b>LIMS ID:</b>                            |
| <b>Method:</b> ethanol quant.M                  | <b>Sequence:</b> 09Jan24                   |
| <b>Instrument:</b> US14173023 CN14160045        | <b>Injection date:</b> 1/9/2024 8:08:57 PM |
| <b>Data file:</b> C:\Chem32\1\Data\09Jan24\64.D | <b>Analyst:</b> Brooke                     |

*Handwritten initials*

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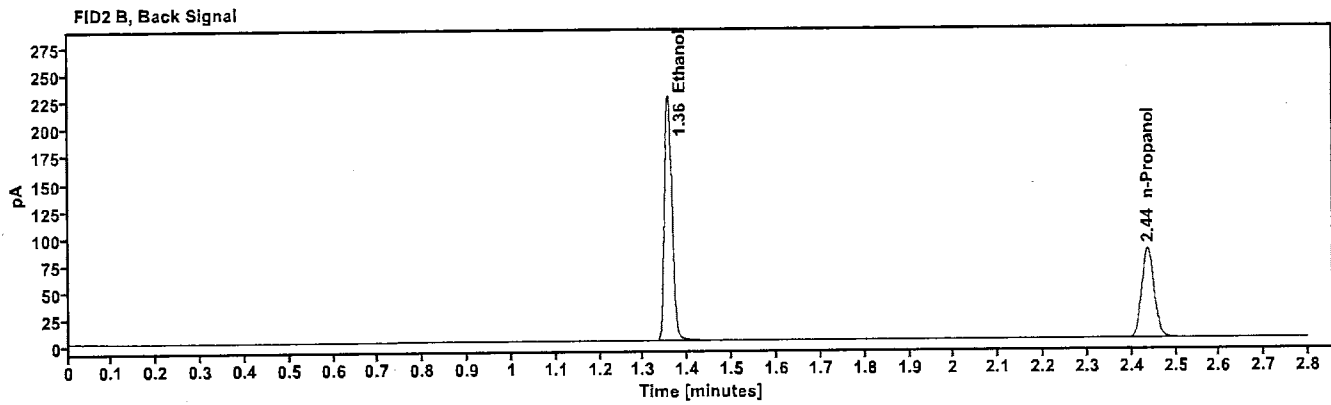
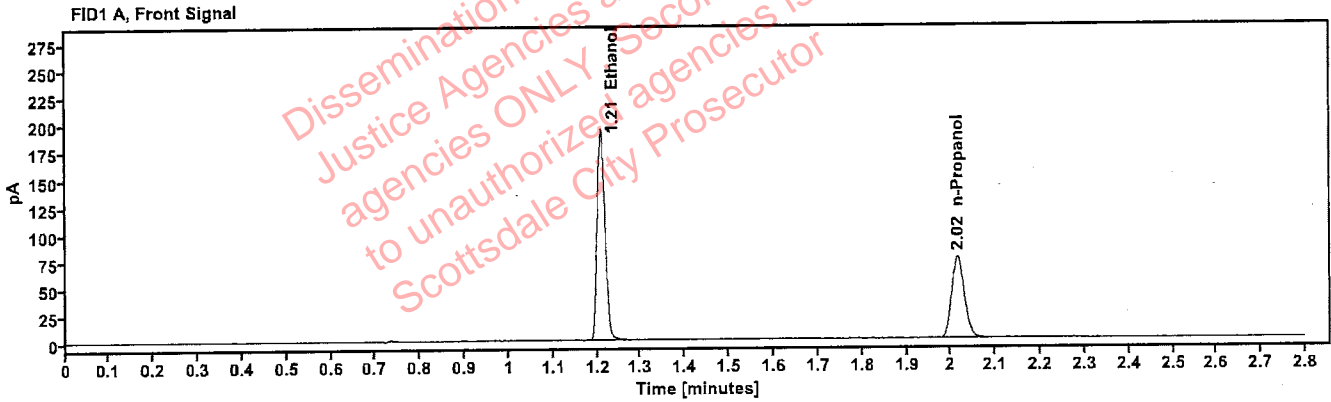


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.4028           | 1.209      | 245.546   |
| n-Propanol | -----            | 2.016      | 150.126   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.356      | 270.728   |
| n-Propanol | 2.436      | 163.914   |



# Scottsdale Police Department Crime Lab Volatiles Analysis

|  |                                     |
|--|-------------------------------------|
| Sample: 14082019-B                       | Vial: 65                            |
| Description: 0.040                       | LIMS ID:                            |
| Method: ethanol quant.M                  | Sequence: 09Jan24                   |
| Instrument: US14173023 CN14160045        | Injection date: 1/9/2024 8:12:58 PM |
| Data file: C:\Chem32\1\Data\09Jan24\65.D | Analyst: Brooke                     |

YAB

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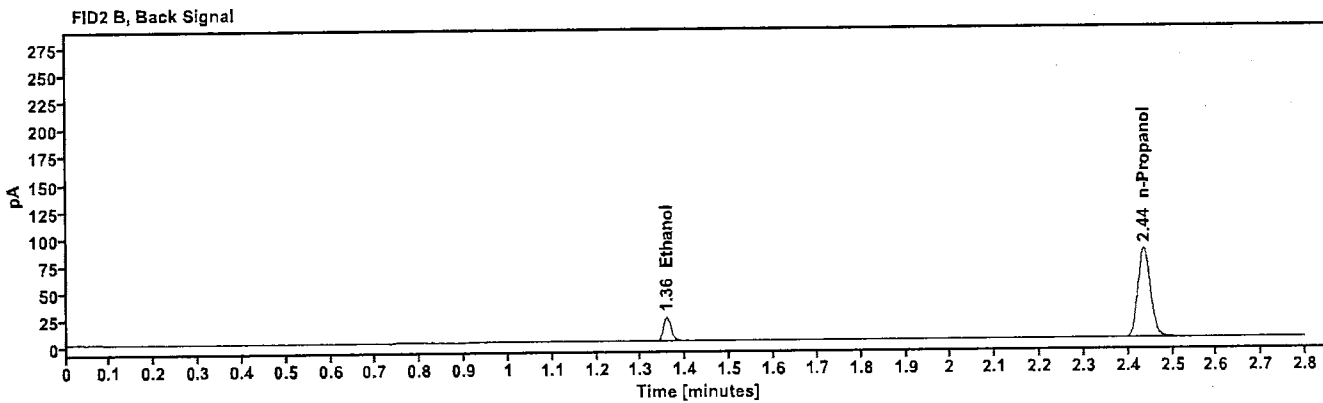
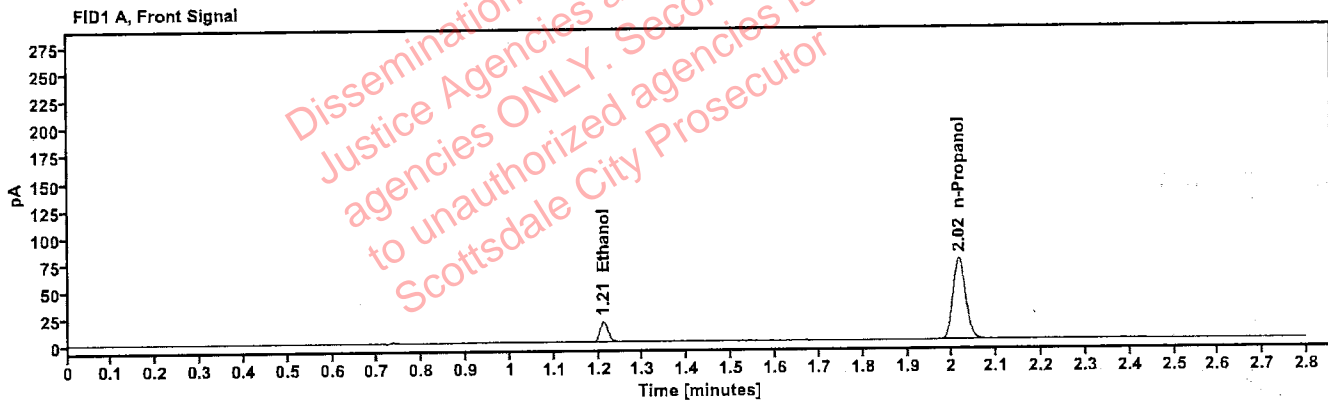


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.0412           | 1.211      | 24.246    |
| n-Propanol | -----            | 2.015      | 149.278   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.358      | 26.519    |
| n-Propanol | 2.436      | 163.055   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |  |
|--------------|-------------------------------|-----------------|--|
| Sample:      | 4110320133/11                 | Vial:           | 66   |
| Description: | 0.199                         | LIMS ID:        |  |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24 <span style="float: right;">Y90</span> |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 8:16:58 PM                            |
| Data file:   | C:\Chem32\1\Data\09Jan24\66.D | Analyst:        | Brocke   |

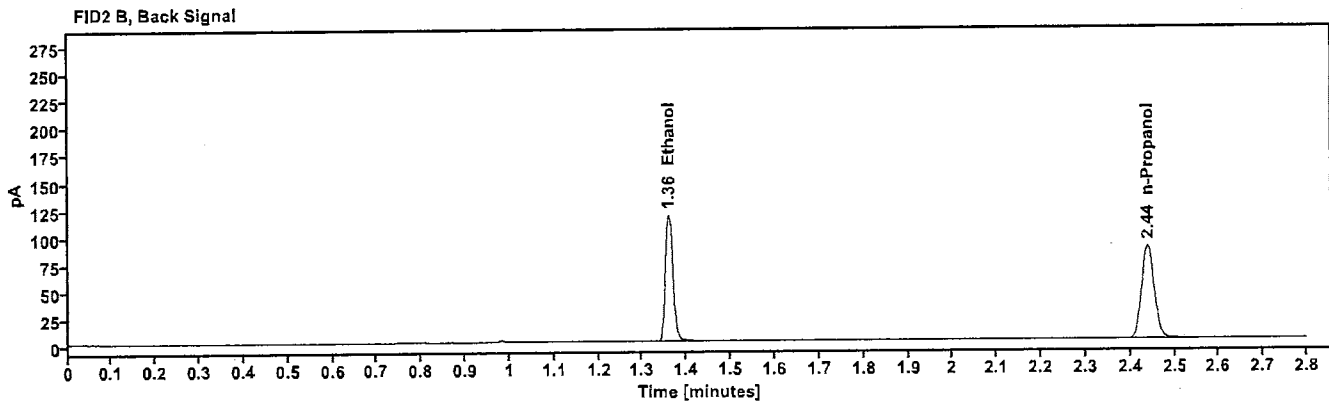
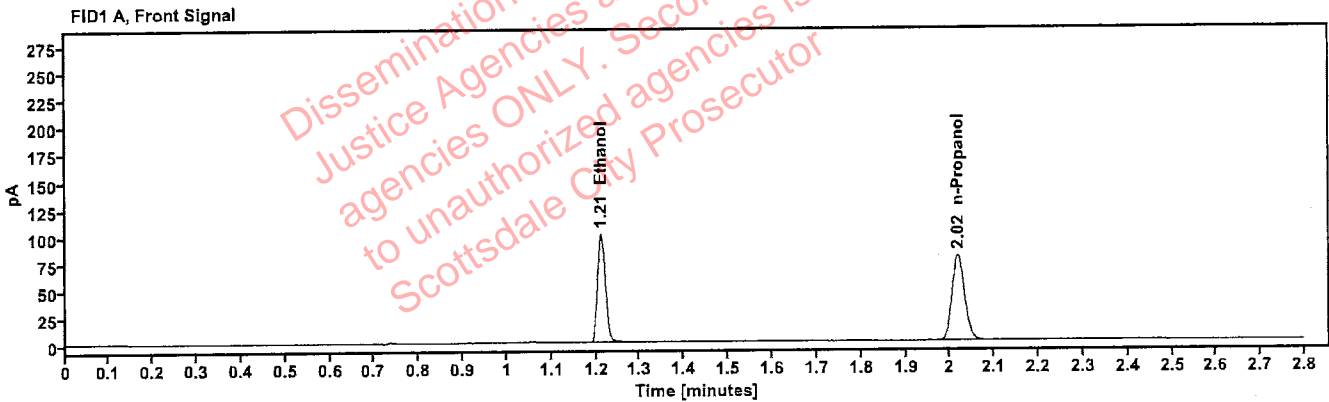


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2013           | 1.212      | 127.661   |
| n-Propanol | -----            | 2.018      | 156.674   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.360      | 140.254   |
| n-Propanol | 2.440      | 171.422   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|   |  |
|---|--|
| <b>Sample:</b> 092223AQ                         | <b>Vial:</b> 67                            |
| <b>Description:</b> Negative                    | <b>LIMS ID:</b>                            |
| <b>Method:</b> ethanol quant.M                  | <b>Sequence:</b> 09Jan24                   |
| <b>Instrument:</b> US14173023 CN14160045        | <b>Injection date:</b> 1/9/2024 8:21:13 PM |
| <b>Data file:</b> C:\Chem32\1\Data\09Jan24\67.D | <b>Analyst:</b> Brooke                     |

*Handwritten initials*

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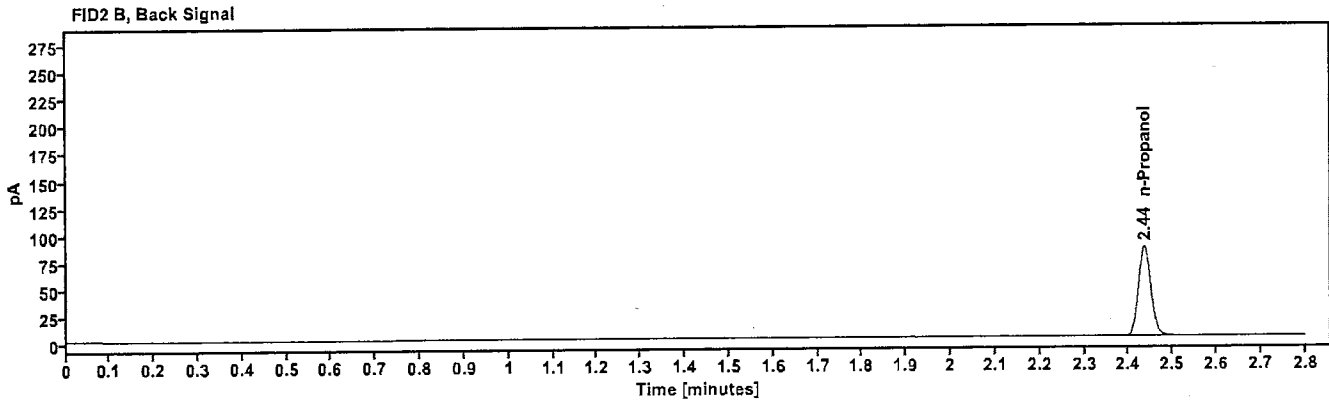
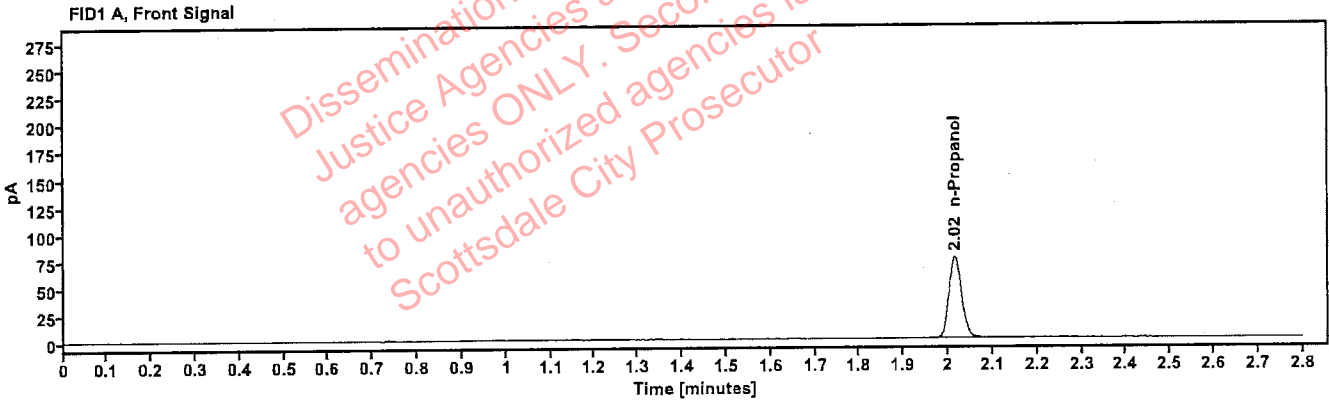


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | -----            | 2.016      | 149.831   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.436      | 163.499   |

# Sequence Summary

498

Sequence name: 09Jan24      Instrument: US14173023 CN14160045      Analyst: Brooke

| Vial | Sample        | Description      | Type        | LIMS ID | Method          |
|------|---------------|------------------|-------------|---------|-----------------|
| 1    | FN03122113    | 0.020 calibrator | Calibration |         | ethanol quant.M |
| 2    | FN11172002    | 0.100 calibrator | Calibration |         | ethanol quant.M |
| 3    | FN03132302    | 0.200 calibrator | Calibration |         | ethanol quant.M |
| 4    | FN03052102    | 0.400 calibrator | Calibration |         | ethanol quant.M |
| 5    | 011823WB      | Negative         | Control     |         | ethanol quant.M |
| 6    | 050721MIX     | Volatiles mix    | Control     |         | ethanol quant.M |
| 7    | 30012020-A    | 0.400            | Control     |         | ethanol quant.M |
| 8    | 14082019-B    | 0.040            | Control     |         | ethanol quant.M |
| 9    | 4110320133/11 | 0.199            | Control     |         | ethanol quant.M |
| 10   | 2325723-1     |                  |             |         | ethanol quant.M |
| 11   | 2325723-1     |                  |             |         | ethanol quant.M |
| 12   | 404-01E.A.    |                  |             |         | ethanol quant.M |
| 13   | 404-01E.A.    |                  |             |         | ethanol quant.M |
| 14   | 409-01D.H.    |                  |             |         | ethanol quant.M |
| 15   | 409-01D.H.    |                  |             |         | ethanol quant.M |
| 16   | 347-01C.G.    |                  |             |         | ethanol quant.M |
| 17   | 347-01C.G.    |                  |             |         | ethanol quant.M |
| 18   | 409-01K.T.    |                  |             |         | ethanol quant.M |
| 19   | 409-01K.T.    |                  |             |         | ethanol quant.M |
| 20   | 20012020-B    | 0.080            | Control     |         | ethanol quant.M |
| 21   | 409-01A.W.    |                  |             |         | ethanol quant.M |
| 22   | 409-01A.W.    |                  |             |         | ethanol quant.M |
| 23   | 404-01B.R.    |                  |             |         | ethanol quant.M |
| 24   | 404-01B.R.    |                  |             |         | ethanol quant.M |
| 25   | 353-01R.S.    |                  |             |         | ethanol quant.M |
| 26   | 353-01R.S.    |                  |             |         | ethanol quant.M |
| 27   | 409-01L.B.    |                  |             |         | ethanol quant.M |
| 28   | 409-01L.B.    |                  |             |         | ethanol quant.M |
| 29   | 409-01S.R.    |                  |             |         | ethanol quant.M |
| 30   | 409-01S.R.    |                  |             |         | ethanol quant.M |
| 31   | 4110320133/11 | 0.199            | Control     |         | ethanol quant.M |
| 32   | 425-01T.G.    |                  |             |         | ethanol quant.M |
| 33   | 425-01T.G.    |                  |             |         | ethanol quant.M |
| 34   | 2325847-2     |                  |             |         | ethanol quant.M |
| 35   | 2325847-2     |                  |             |         | ethanol quant.M |
| 36   | 2400007-2     |                  |             |         | ethanol quant.M |
| 37   | 2400007-2     |                  |             |         | ethanol quant.M |
| 38   | 2326572-2     |                  |             |         | ethanol quant.M |
| 39   | 2326572-2     |                  |             |         | ethanol quant.M |
| 40   | 2400050-1     |                  |             |         | ethanol quant.M |
| 41   | 2400050-1     |                  |             |         | ethanol quant.M |
| 42   | 20012020-B    | 0.080            | Control     |         | ethanol quant.M |
| 43   | 2325934-3     |                  |             |         | ethanol quant.M |
| 44   | 2325934-3     |                  |             |         | ethanol quant.M |
| 45   | 2326814-2     |                  |             |         | ethanol quant.M |
| 46   | 2326814-2     |                  |             |         | ethanol quant.M |
| 47   | 2326876-2     |                  |             |         | ethanol quant.M |

108

### Sequence Summary

|    |               |          |         |  |                 |
|----|---------------|----------|---------|--|-----------------|
| 48 | 2326876-2     |          |         |  | ethanol quant.M |
| 49 | 2326875-2     |          |         |  | ethanol quant.M |
| 50 | 2326875-2     |          |         |  | ethanol quant.M |
| 51 | 2326881-1     |          |         |  | ethanol quant.M |
| 52 | 2326881-1     |          |         |  | ethanol quant.M |
| 53 | 4110320133/11 | 0.199    | Control |  | ethanol quant.M |
| 54 | 2400019-4     |          |         |  | ethanol quant.M |
| 55 | 2400019-4     |          |         |  | ethanol quant.M |
| 56 | 2400003-1     |          |         |  | ethanol quant.M |
| 57 | 2400003-1     |          |         |  | ethanol quant.M |
| 58 | 2326818-1     |          |         |  | ethanol quant.M |
| 59 | 2326818-1     |          |         |  | ethanol quant.M |
| 60 | 2400077-1     |          |         |  | ethanol quant.M |
| 61 | 2400077-1     |          |         |  | ethanol quant.M |
| 62 | 2400015-1     |          |         |  | ethanol quant.M |
| 63 | 2400015-1     |          |         |  | ethanol quant.M |
| 64 | 30012020-A    | 0.400    | Control |  | ethanol quant.M |
| 65 | 14082019-B    | 0.040    | Control |  | ethanol quant.M |
| 66 | 4110320133/11 | 0.199    | Control |  | ethanol quant.M |
| 67 | 092223AQ      | Negative | Control |  | ethanol quant.M |

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# Scottsdale Police Department Crime Laboratory Summary of Cases

193

SEQUENCE NAME: 09Jan24

ANALYST: Brooke

| Vials | Test 1 (g/dL) | Test 2 (g/dL) | Mean (g/dL) | Percent Difference* | Absolute Difference (g/dL)* |
|-------|---------------|---------------|-------------|---------------------|-----------------------------|
| 10 11 | 0.1684        | 0.1682        | 0.16830     | 0.06                | 0.00010                     |
| 12 13 | 0.1094        | 0.1103        | 0.10985     | 0.41                | 0.00045                     |
| 14 15 | 0.1565        | 0.1566        | 0.15655     | 0.03                | 0.00005                     |
| 16 17 | 0.1408        | 0.1428        | 0.14180     | 0.71                | 0.00100                     |
| 18 19 | 0.0000        | 0.0000        | 0.00000     | 0.00                | 0.00000                     |
| 21 22 | 0.1861        | 0.1901        | 0.18810     | 1.06                | 0.00200                     |
| 23 24 | 0.1570        | 0.1570        | 0.15700     | 0.00                | 0.00000                     |
| 25 26 | 0.1907        | 0.1920        | 0.19135     | 0.34                | 0.00065                     |
| 27 28 | 0.2420        | 0.2417        | 0.24185     | 0.06                | 0.00015                     |
| 29 30 | 0.1509        | 0.1512        | 0.15105     | 0.10                | 0.00015                     |
| 32 33 | 0.2862        | 0.2849        | 0.28555     | 0.23                | 0.00065                     |
| 34 35 | 0.2023        | 0.2035        | 0.20290     | 0.30                | 0.00060                     |
| 36 37 | 0.1150        | 0.1130        | 0.11400     | 0.88                | 0.00100                     |
| 38 39 | 0.1012        | 0.1009        | 0.10105     | 0.15                | 0.00015                     |
| 40 41 | 0.1288        | 0.1269        | 0.12785     | 0.74                | 0.00095                     |
| 43 44 | 0.1265        | 0.1260        | 0.12625     | 0.20                | 0.00025                     |
| 45 46 | 0.1390        | 0.1397        | 0.13935     | 0.25                | 0.00035                     |
| 47 48 | 0.1121        | 0.1105        | 0.11130     | 0.72                | 0.00080                     |
| 49 50 | 0.1659        | 0.1670        | 0.16645     | 0.33                | 0.00055                     |
| 51 52 | 0.0857        | 0.0857        | 0.08570     | 0.00                | 0.00000                     |
| 54 55 | 0.1503        | 0.1500        | 0.15015     | 0.10                | 0.00015                     |
| 56 57 | 0.0922        | 0.0921        | 0.09215     | 0.05                | 0.00005                     |
| 58 59 | 0.1144        | 0.1133        | 0.11385     | 0.48                | 0.00055                     |
| 60 61 | 0.3067        | 0.3049        | 0.30580     | 0.29                | 0.00090                     |
| 62 63 | 0.2143        | 0.2146        | 0.21445     | 0.07                | 0.00015                     |

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



### Scottsdale Police Department Crime Lab Volatiles Analysis

|  |                                     |
|--|-------------------------------------|
| Sample: 2325723-1                        | Vial: 10                            |
| Description: [REDACTED]                  | LIMS ID: [REDACTED]                 |
| Method: ethanol quant.M                  | Sequence: 09Jan24                   |
| Instrument: US14173023 CN14160045        | Injection date: 1/9/2024 4:30:43 PM |
| Data file: C:\Chem32\1\Data\09Jan24\10.D | Analyst: Brooke                     |

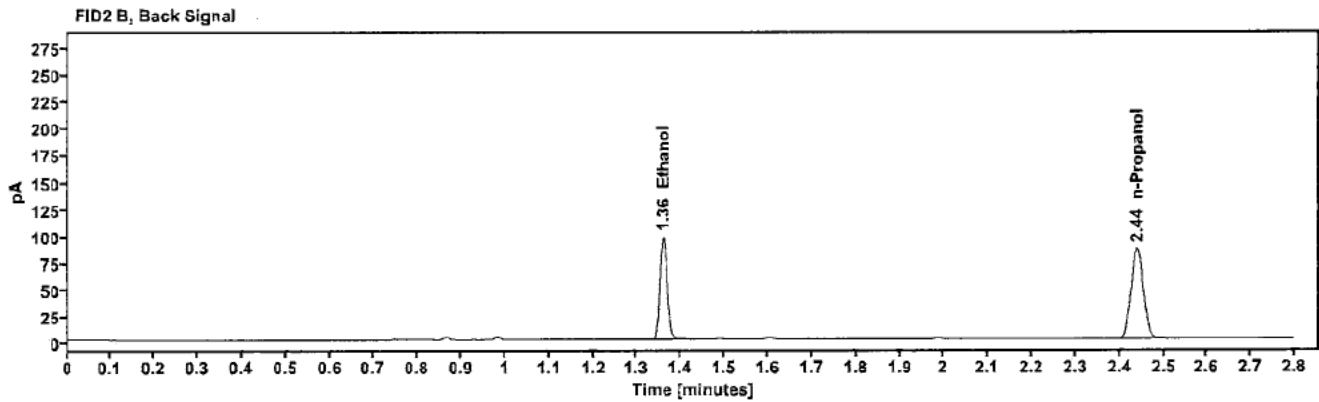
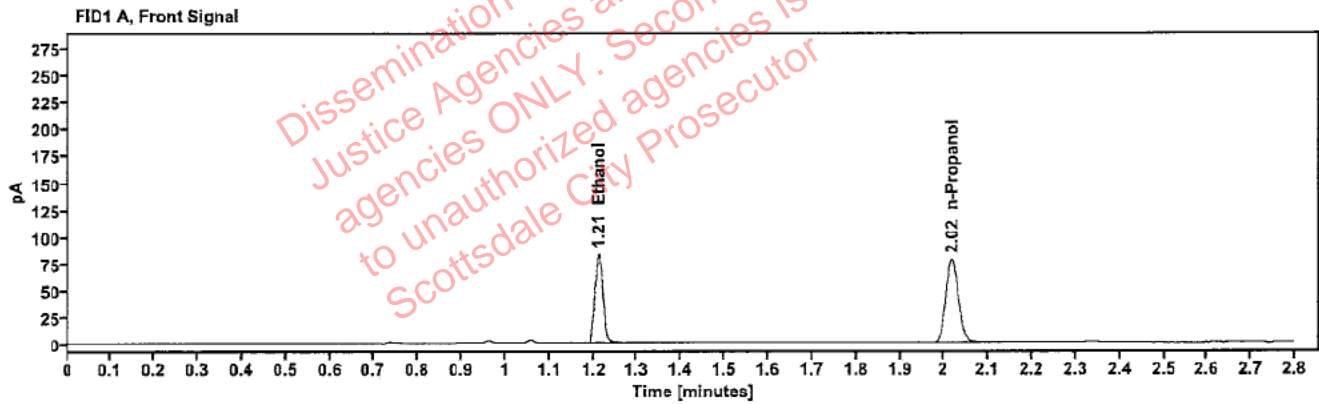


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1684           | 1.211      | 105.633   |
| n-Propanol | ---              | 2.017      | 155.223   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.360      | 116.550   |
| n-Propanol | 2.439      | 169.323   |



### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2325723-1                     | Vial:           | 11                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 4:34:43 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\11.D | Analyst:        | Brooke              |

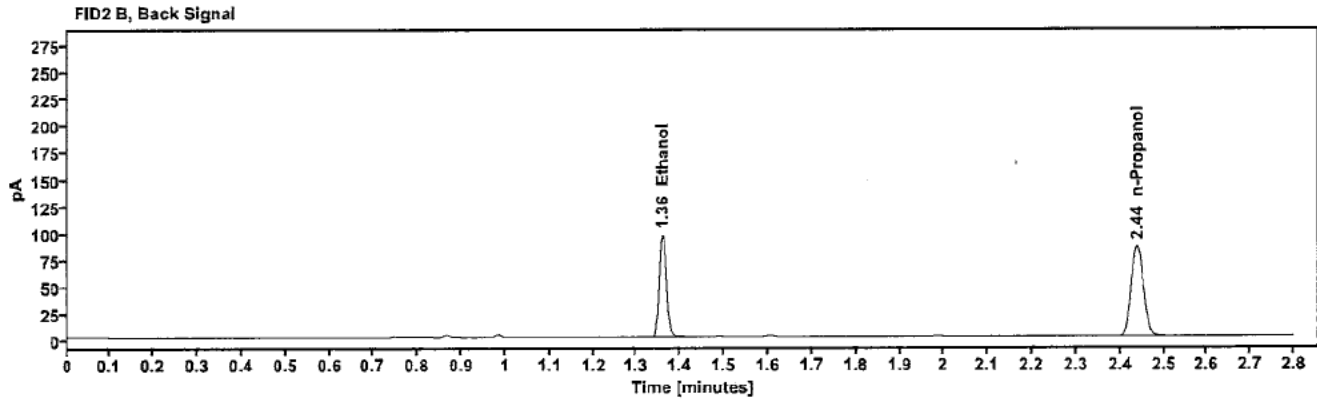
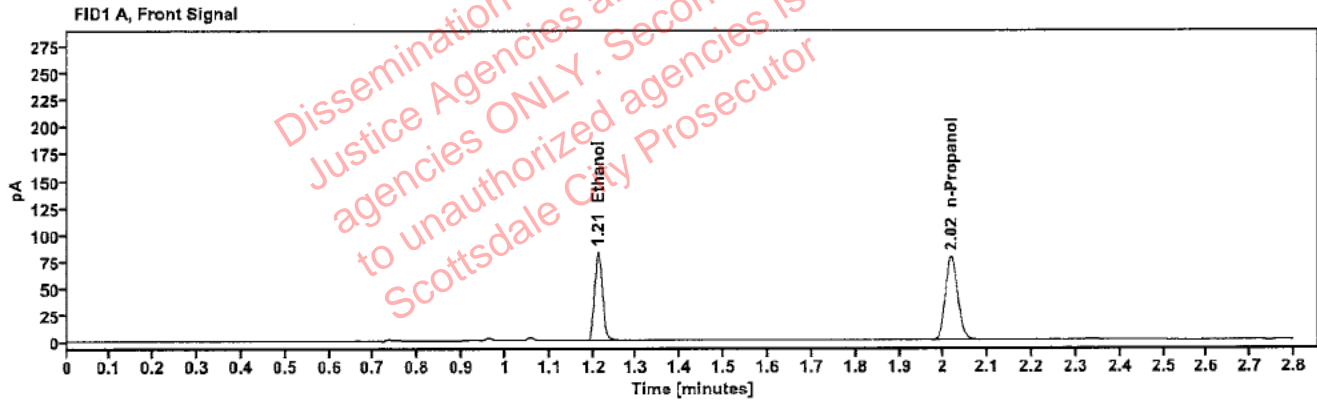


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1682           | 1.211      | 105.152   |
| n-Propanol | ---              | 2.017      | 154.621   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.360      | 115.816   |
| n-Propanol | 2.439      | 168.636   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 404-01E.A.                    | Vial:           | 12                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 4:38:43 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\12.D | Analyst:        | Brooke              |

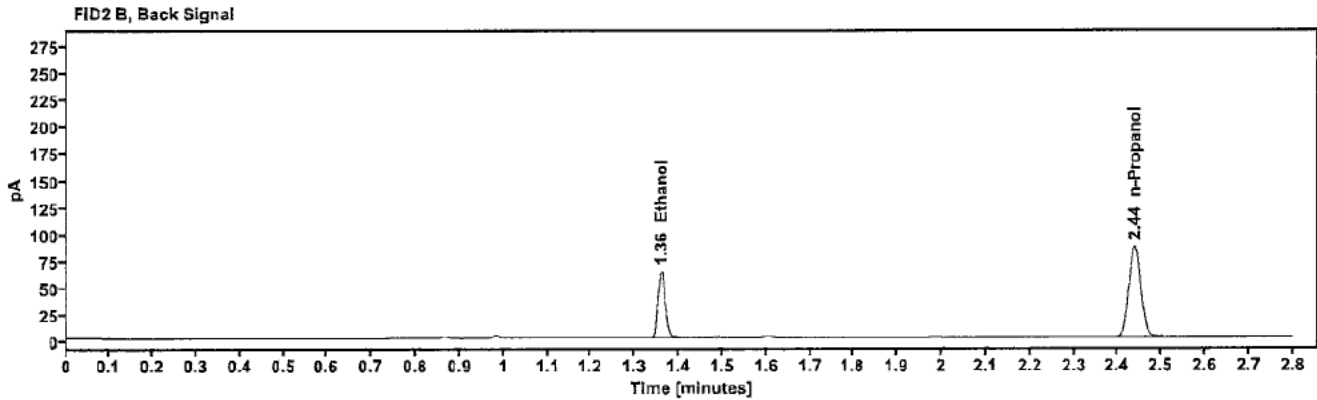
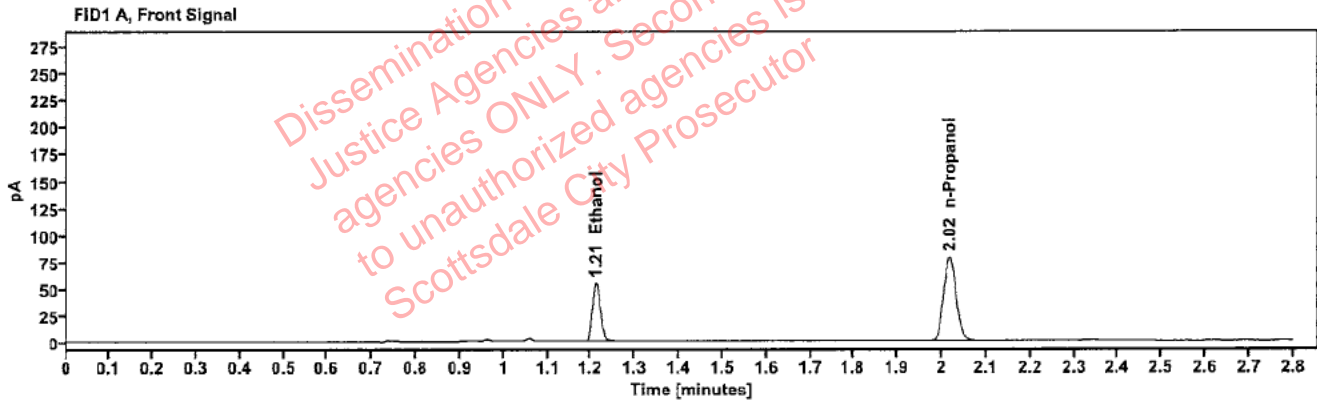


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1094           | 1.211      | 68.771    |
| n-Propanol | -----            | 2.017      | 156.182   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.359      | 75.804    |
| n-Propanol | 2.438      | 169.844   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 404-01E.A.                    | Vial:           | 13                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 4:42:58 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\13.D | Analyst:        | Brooke              |

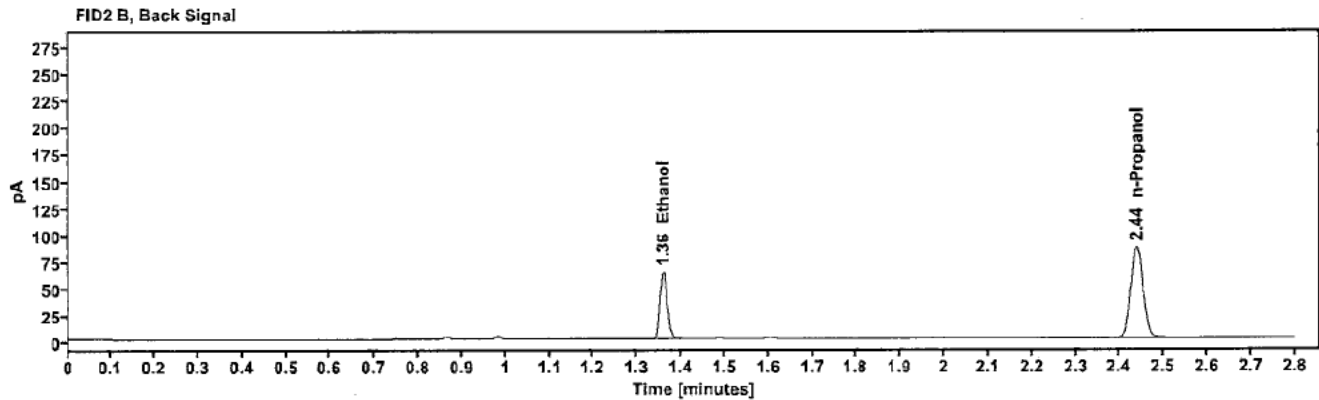
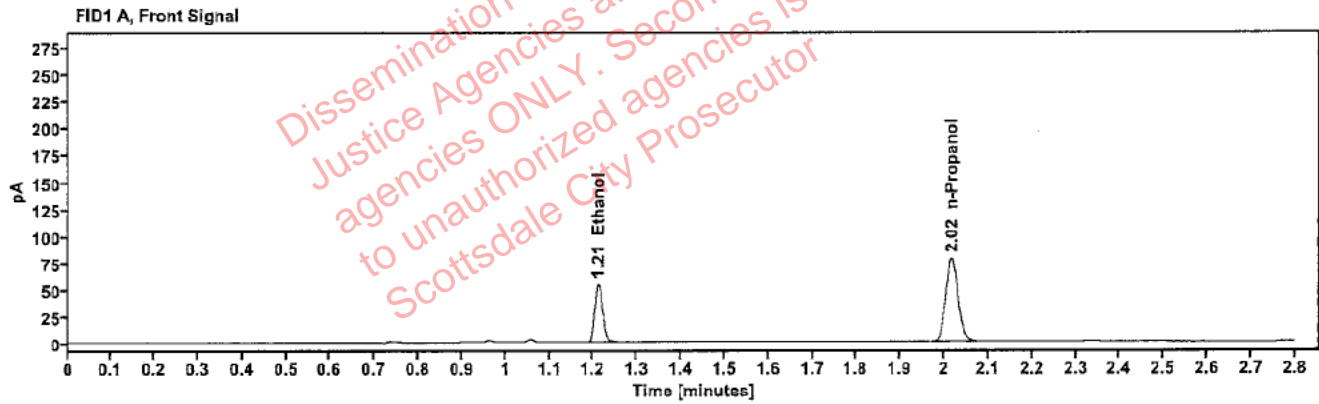


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1103           | 1.211      | 69.028    |
| n-Propanol | -----            | 2.017      | 155.460   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.359      | 75.847    |
| n-Propanol | 2.438      | 169.457   |

Case: [REDACTED] : Brooke, Phillip - (10-Jan-2024)

User: pbrooke 1/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 409-01D.H.                    | Vial:           | 14                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 4:46:58 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\14.D | Analyst:        | Brooke              |

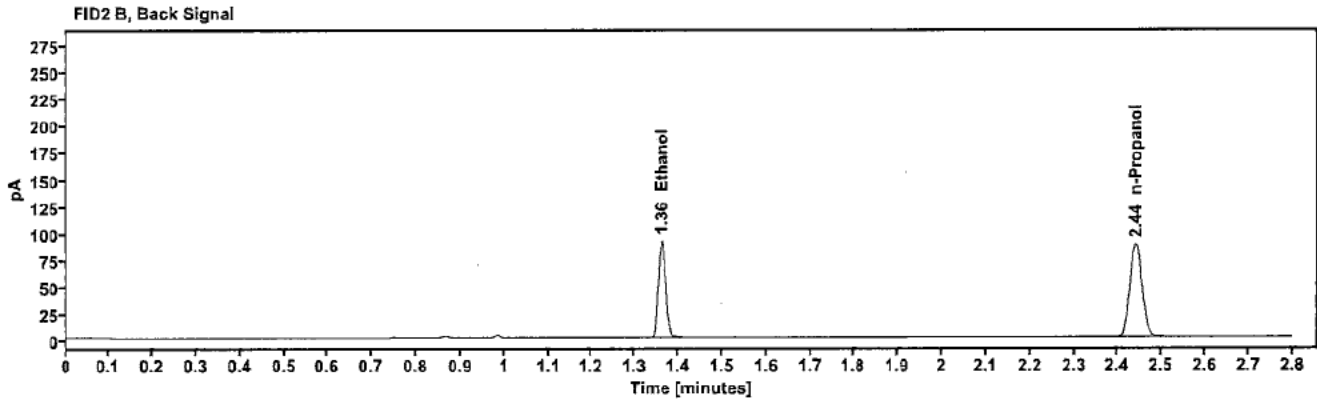
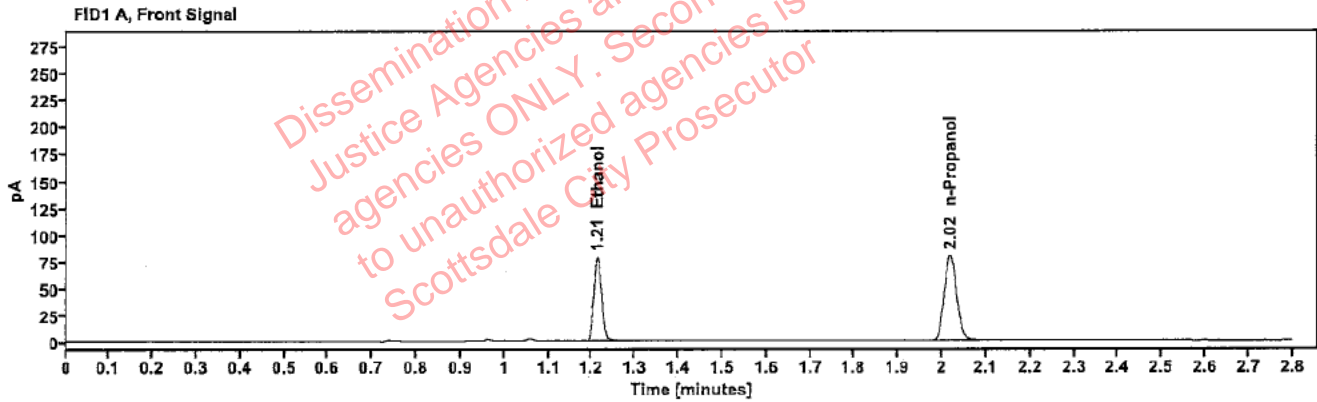


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1565           | 1.212      | 100.325   |
| n-Propanol | ----             | 2.018      | 158.689   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.361      | 109.968   |
| n-Propanol | 2.440      | 173.325   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 409-01D.H.                    | Vial:           | 15                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 4:50:58 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\15.D | Analyst:        | Brooke              |

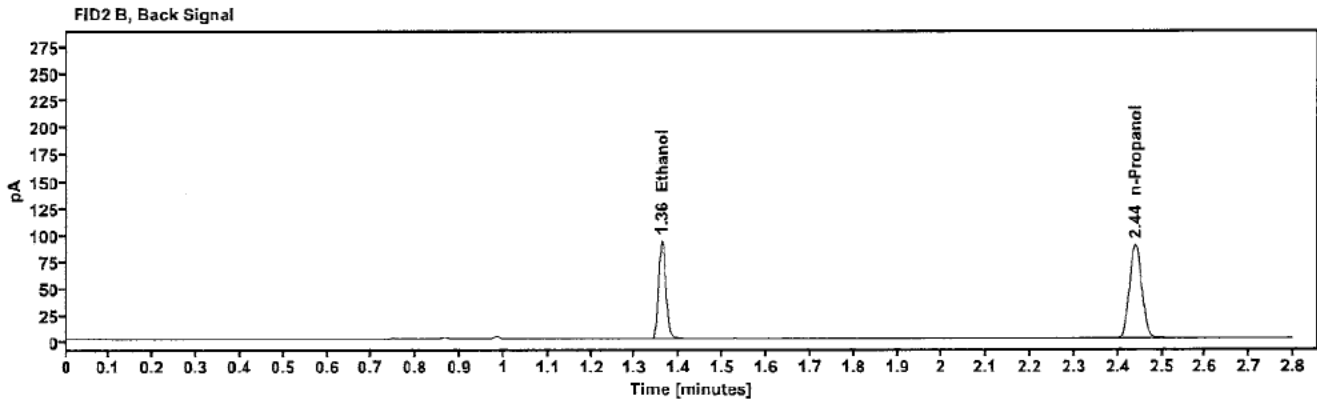
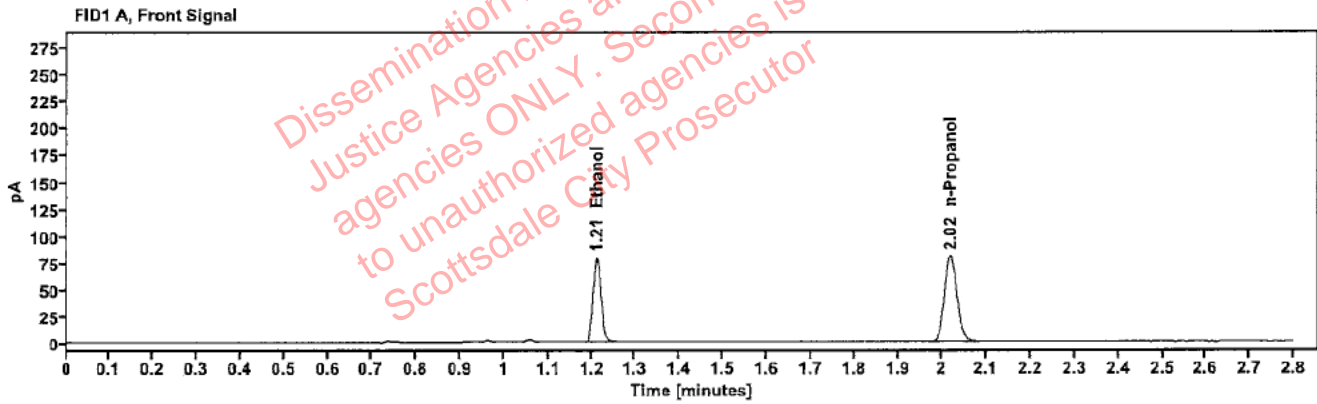


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1566           | 1.212      | 100.981   |
| n-Propanol | -----            | 2.018      | 159.601   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.361      | 110.968   |
| n-Propanol | 2.440      | 174.375   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 347-01C-G                     | Vial:           | 16                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 4:54:58 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\16.D | Analyst:        | Brooke              |

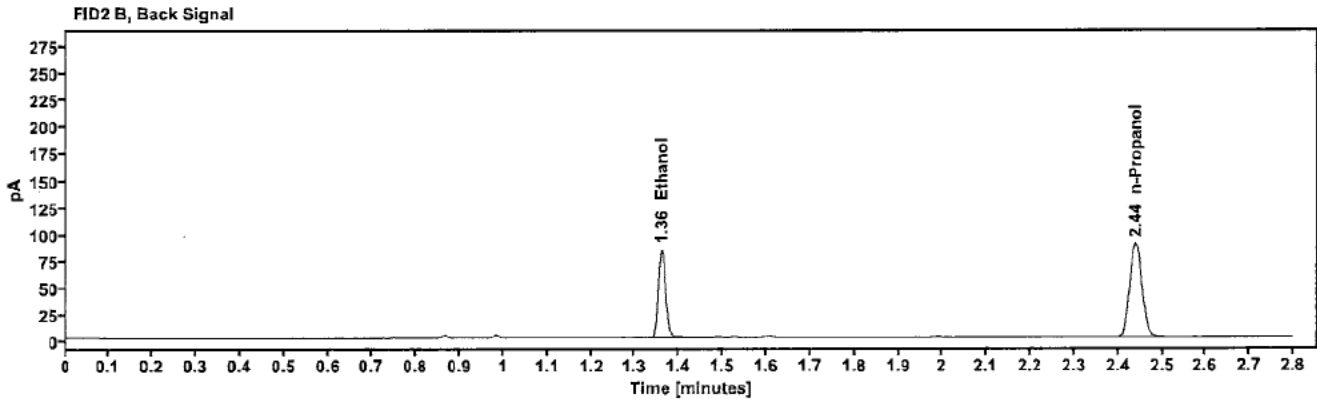
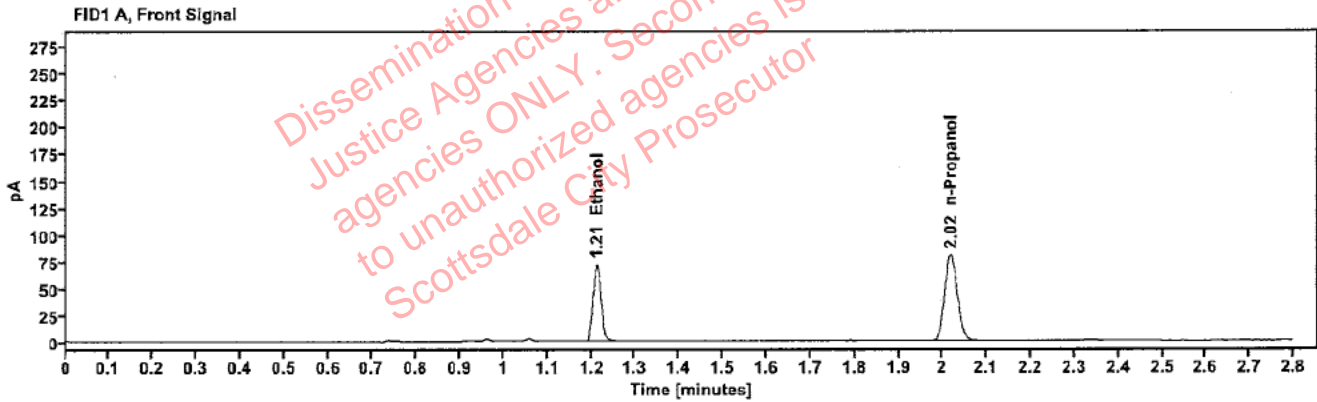


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1408           | 1.212      | 91.490    |
| n-Propanol | ---              | 2.018      | 161.064   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.360      | 100.770   |
| n-Propanol | 2.440      | 174.614   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 347-01C.G.                    | Vial:           | 17                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 4:58:58 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\17.D | Analyst:        | Brooke              |

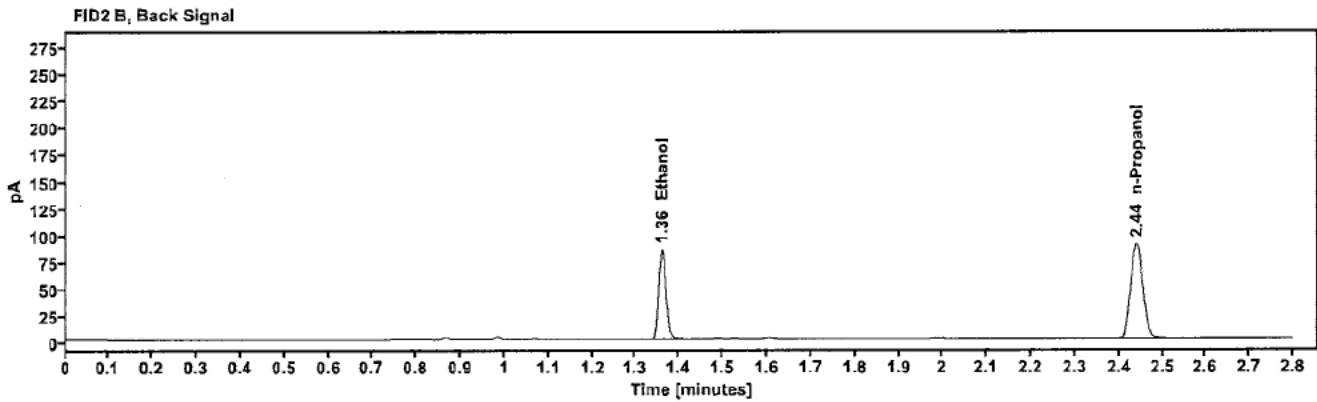
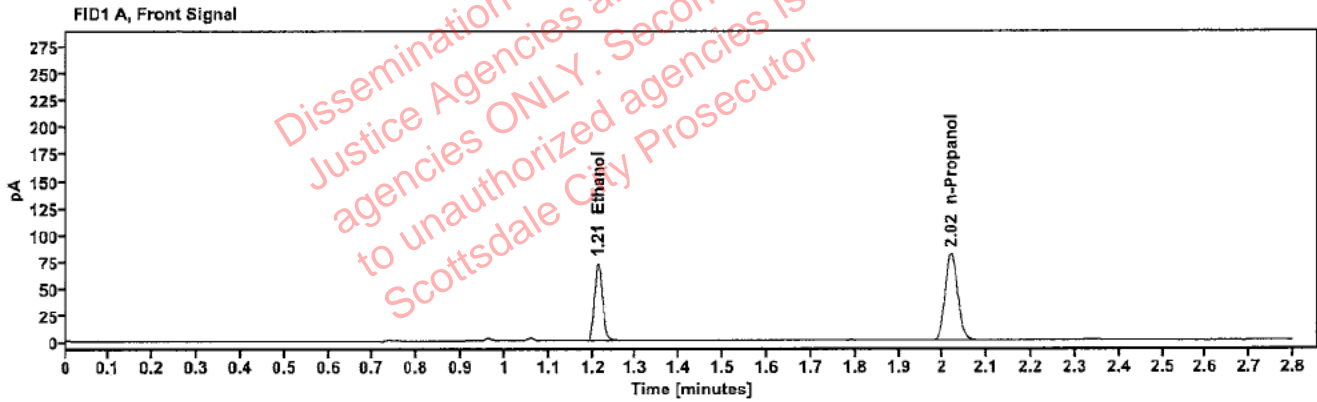


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1428           | 1.212      | 93.297    |
| n-Propanol | -----            | 2.018      | 161.923   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.361      | 102.836   |
| n-Propanol | 2.440      | 176.850   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 409-01K T                     | Vial:           | 18                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 5:02:58 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\18.D | Analyst:        | Brooke              |

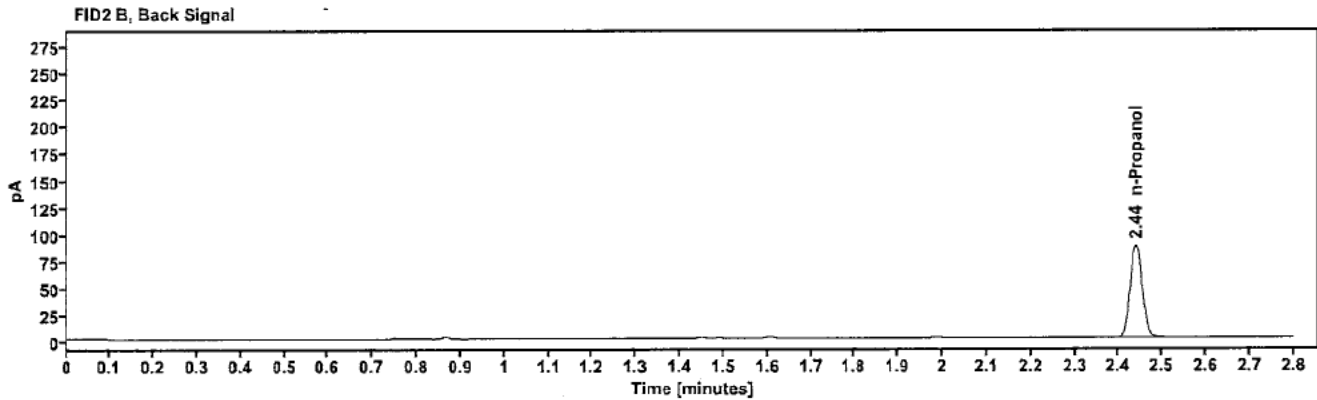
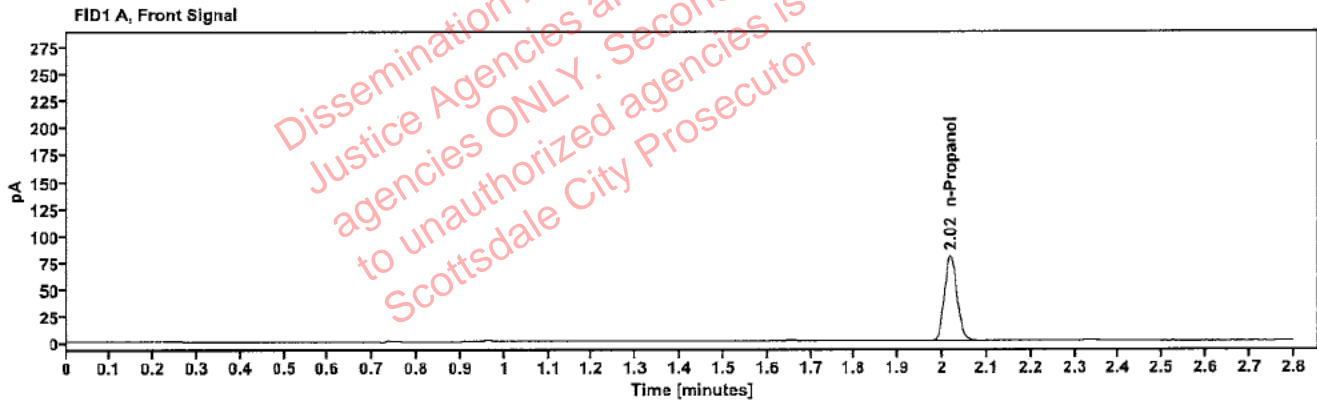


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | ---              | 2.018      | 157.834   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.439      | 172.331   |



Brooke, Phillip - (10-Jan-2024)

Case: [REDACTED] User: pbrooke 1/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 409-01K.T.                    | Vial:           | 19                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 5:07:13 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\19.D | Analyst:        | Brooke              |

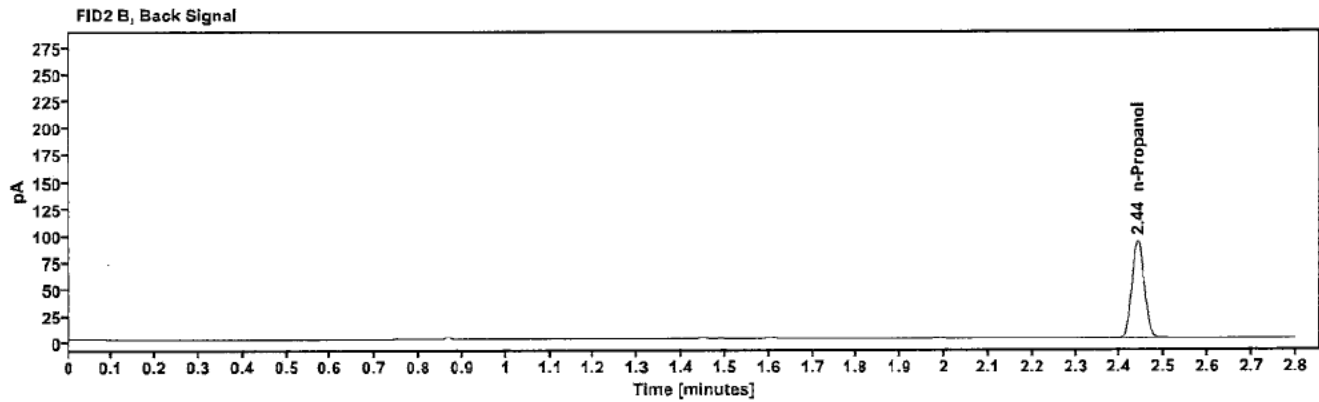
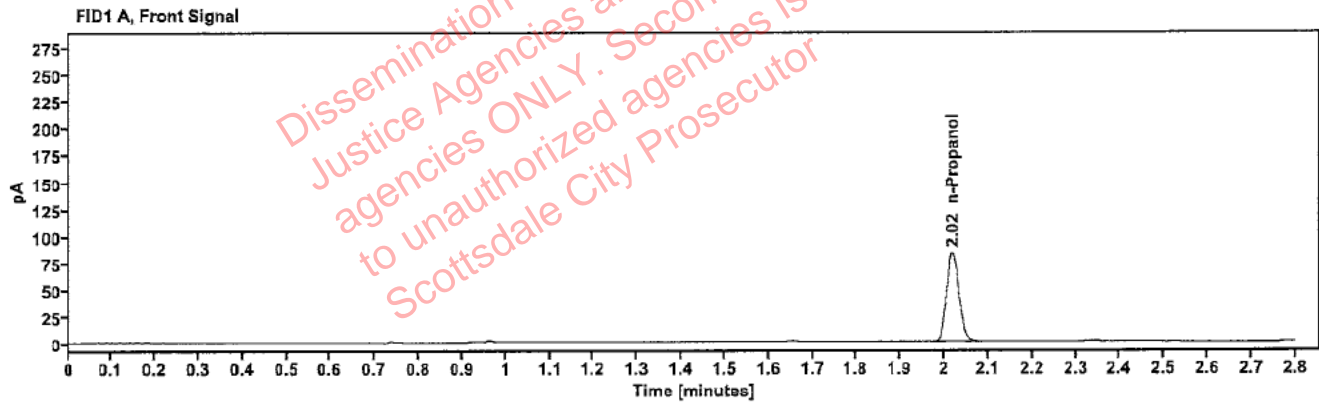


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | -----            | 2.018      | 165.749   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.440      | 180.935   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 409-01A.W.                    | Vial:           | 21                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 5:15:13 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\21.D | Analyst:        | Brooke              |

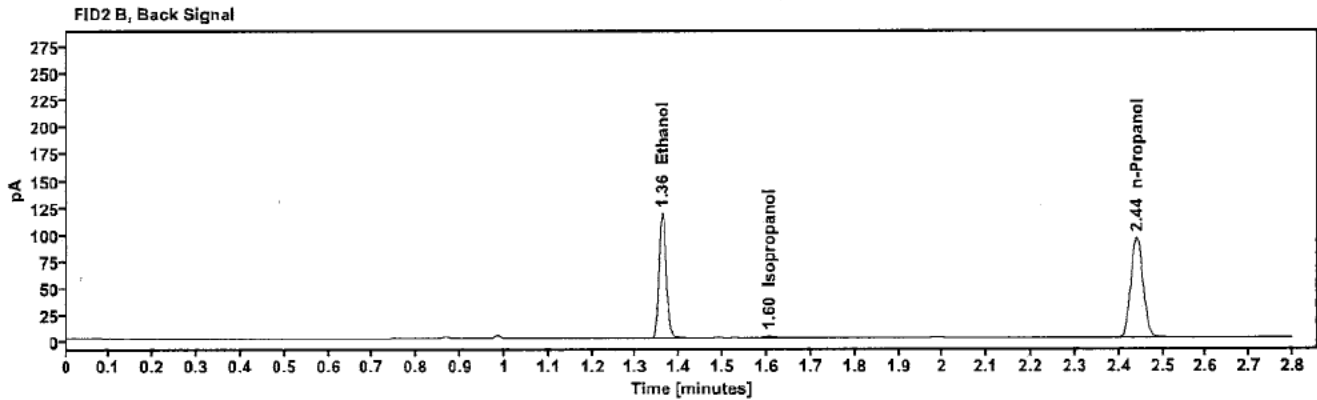
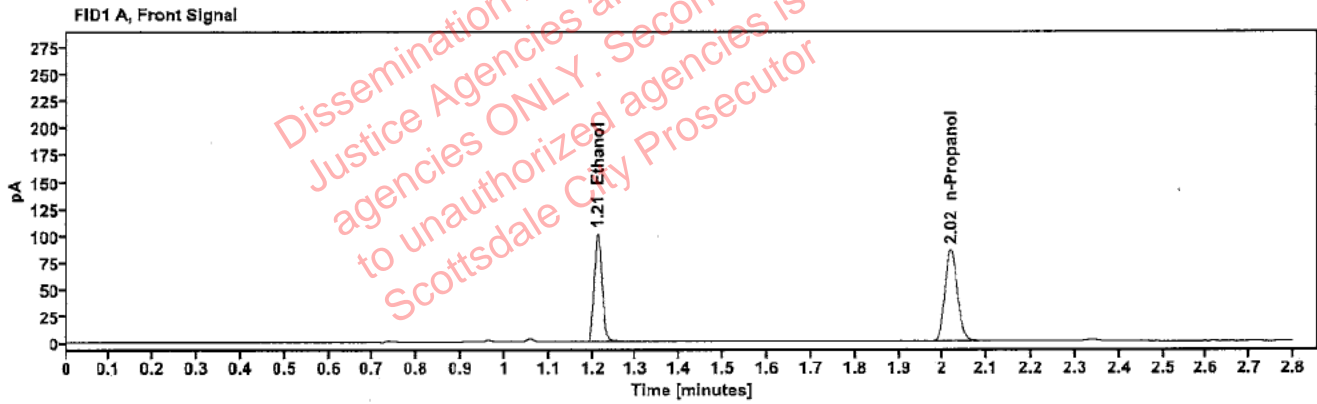


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1861           | 1.212      | 128.359   |
| n-Propanol | ---              | 2.018      | 170.469   |

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

| Compound    | Time (min) | Peak Area |
|-------------|------------|-----------|
| Ethanol     | 1.360      | 141.301   |
| Isopropanol | 1.604      | 3.825     |
| n-Propanol  | 2.440      | 185.393   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 409-01A.W.                    | Vial:           | 22                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 5:19:13 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\22.D | Analyst:        | Brooke              |

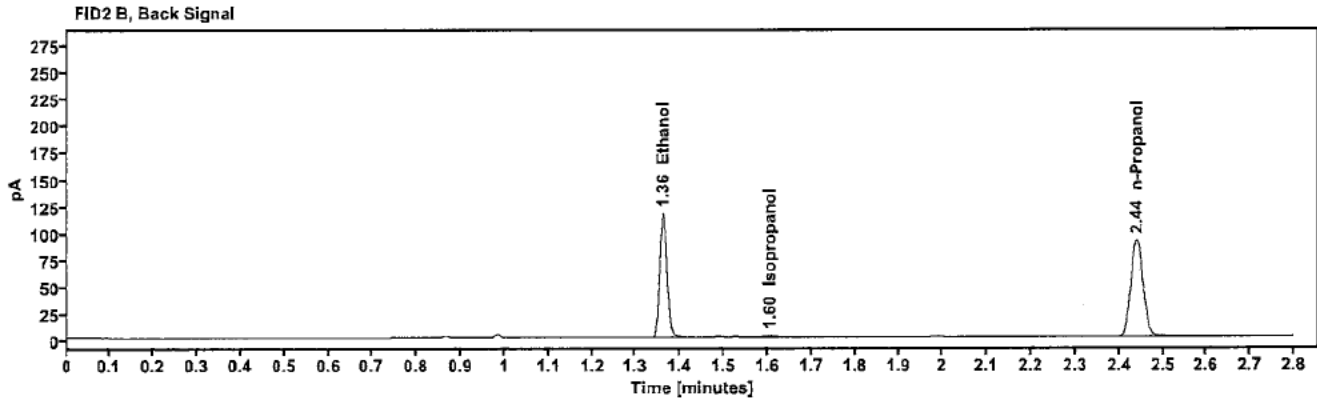
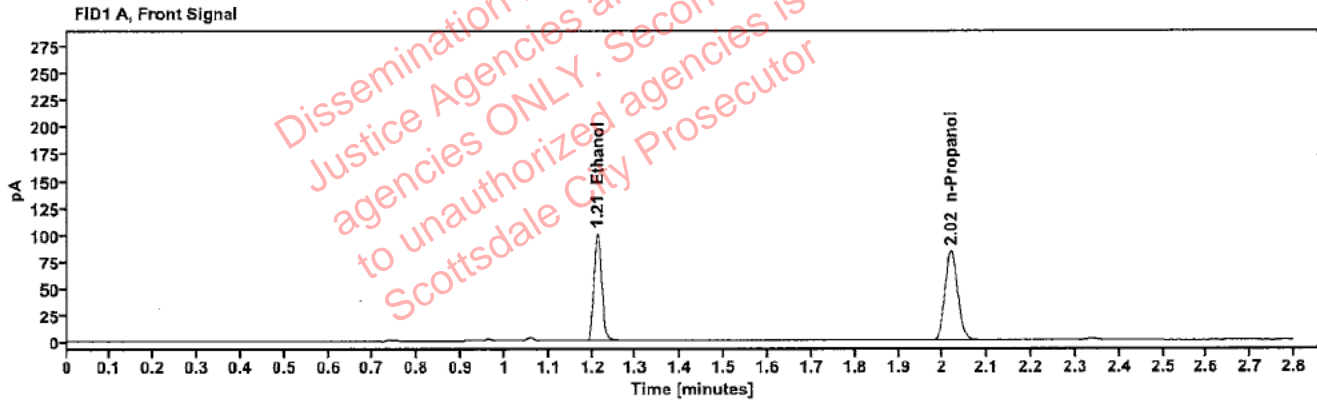


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1901           | 1.212      | 127.621   |
| n-Propanol | -----            | 2.018      | 165.957   |

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

| Compound    | Time (min) | Peak Area |
|-------------|------------|-----------|
| Ethanol     | 1.361      | 140.613   |
| Isopropanol | 1.604      | 3.814     |
| n-Propanol  | 2.440      | 180.392   |

[REDACTED]: Brooke, Phillip - (10-Jan-2024)

Case: [REDACTED] User: pbrooke 1/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 404-01B.R.                    | Vial:           | 23                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 5:23:12 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\23.D | Analyst:        | Brooke              |

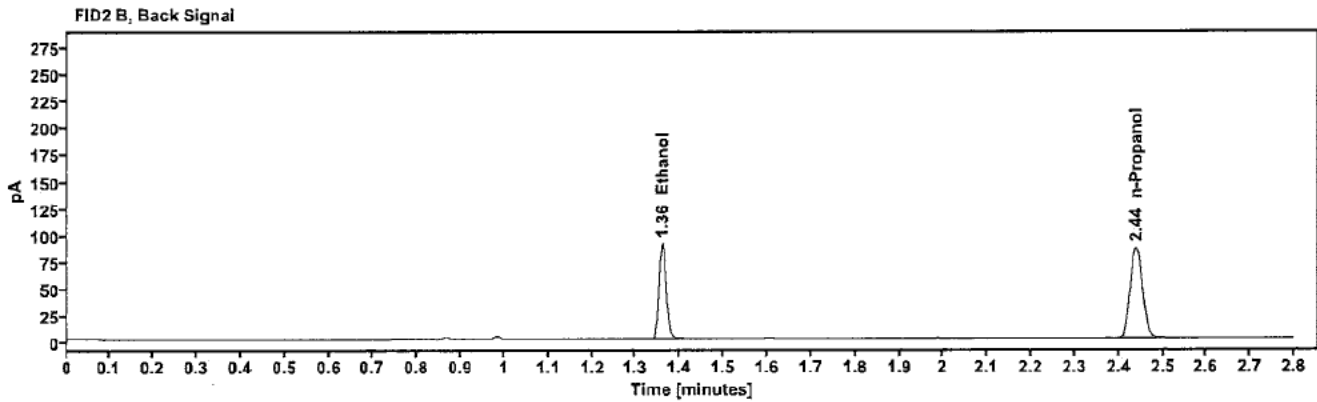
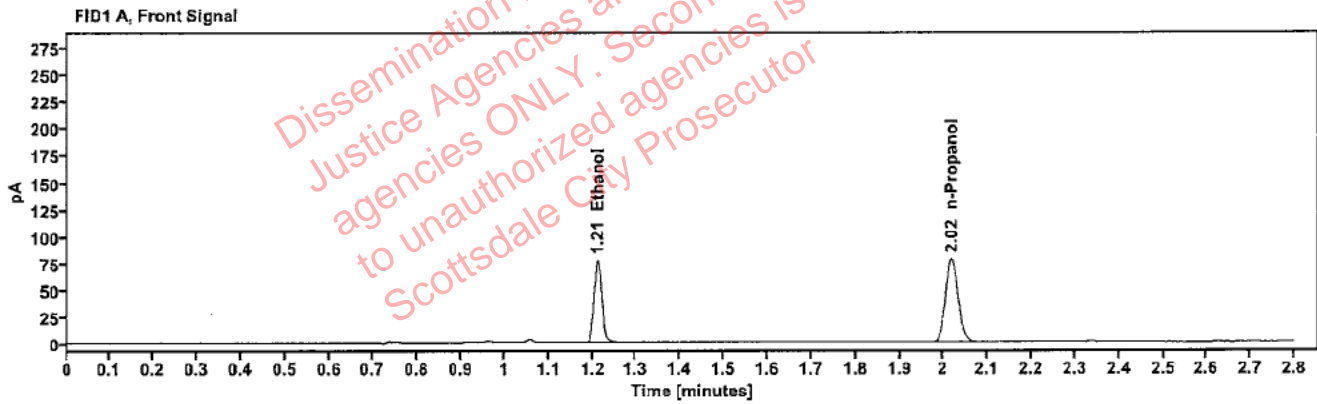


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1570           | 1.212      | 98.141    |
| n-Propanol | -----            | 2.018      | 154.723   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.360      | 107.998   |
| n-Propanol | 2.439      | 169.528   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 404-01B.R.                    | Vial:           | 24                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 5:27:13 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\24.D | Analyst:        | Brooke              |

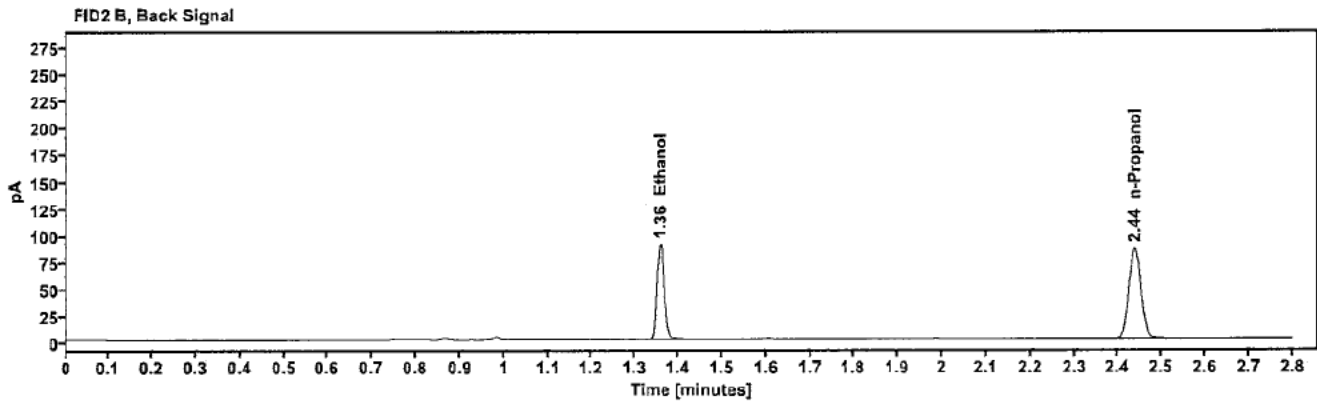
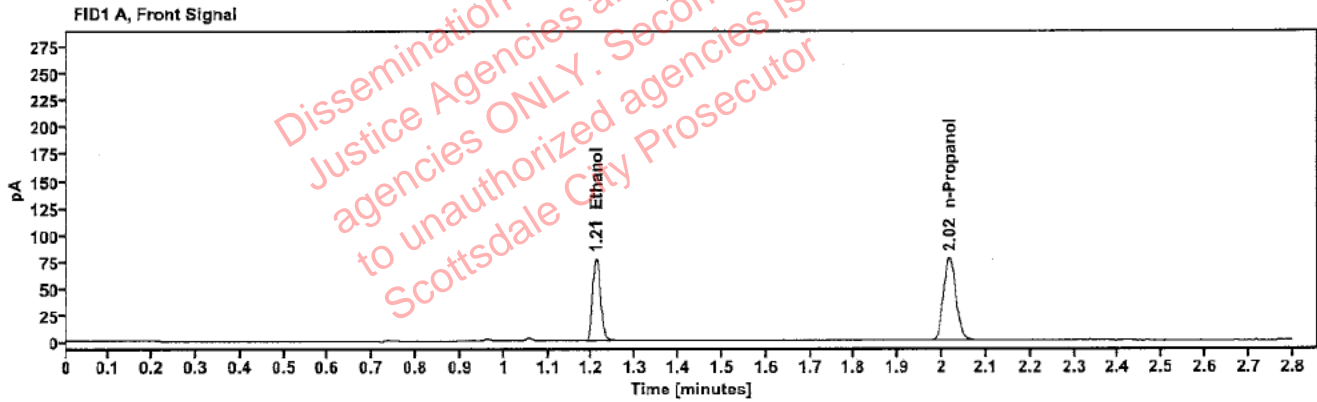


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1570           | 1.210      | 97.348    |
| n-Propanol | -----            | 2.016      | 153.498   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.358      | 107.143   |
| n-Propanol | 2.437      | 168.094   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                                |                 |                     |
|--------------|--------------------------------|-----------------|---------------------|
| Sample:      | 353-01R.S.                     | Vial:           | 25                  |
| Description: | [REDACTED]                     | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M                | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045          | Injection date: | 1/9/2024 5:31:28 PM |
| Data file:   | C:\Chem32\11\Data\09Jan24\25.D | Analyst:        | Brooke              |

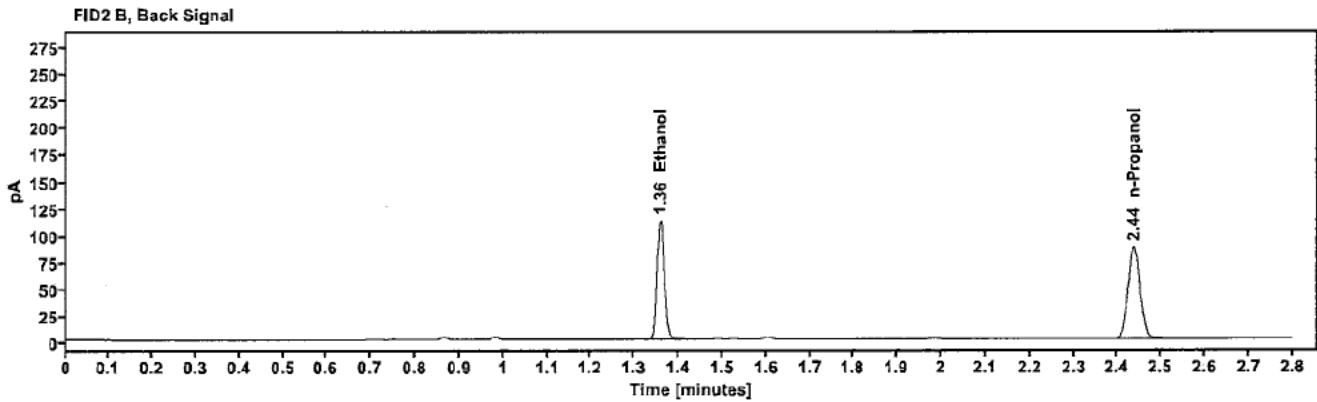
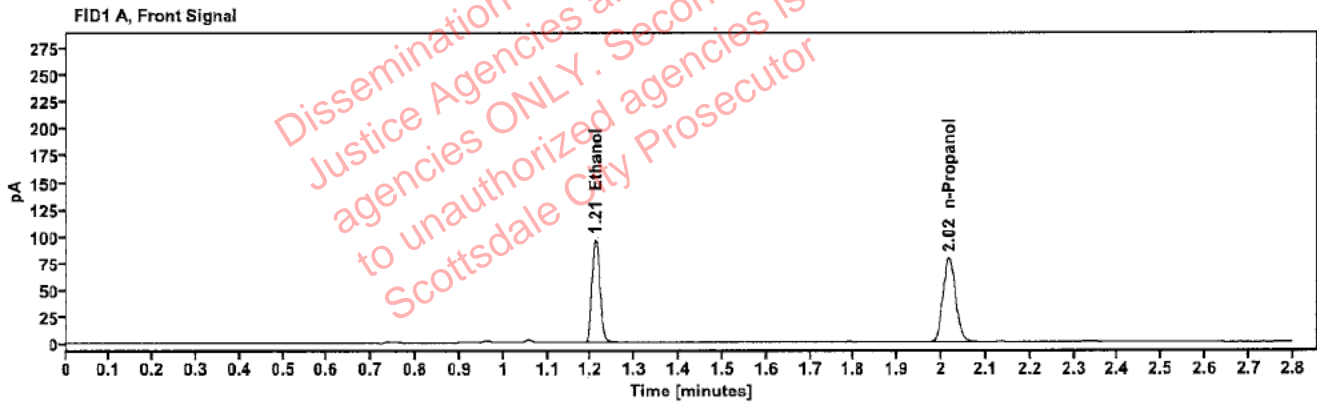


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1907           | 1.210      | 121.699   |
| n-Propanol | ---              | 2.016      | 157.762   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.358      | 133.828   |
| n-Propanol | 2.437      | 170.319   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 353-01R.S.                    | Vial:           | 26                  |
| Description: | [redacted]                    | LIMS ID:        | [redacted]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 5:35:27 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\26.D | Analyst:        | Brooke              |

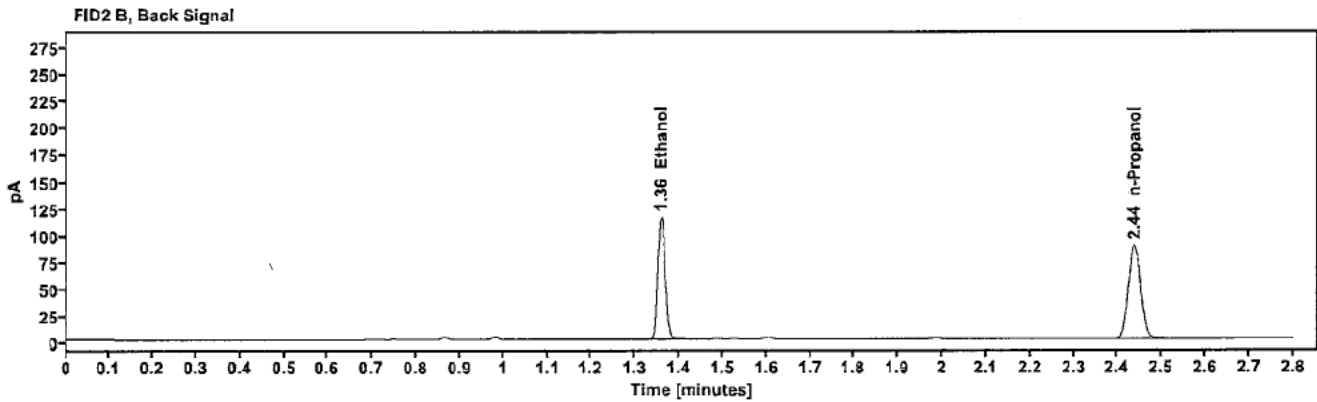
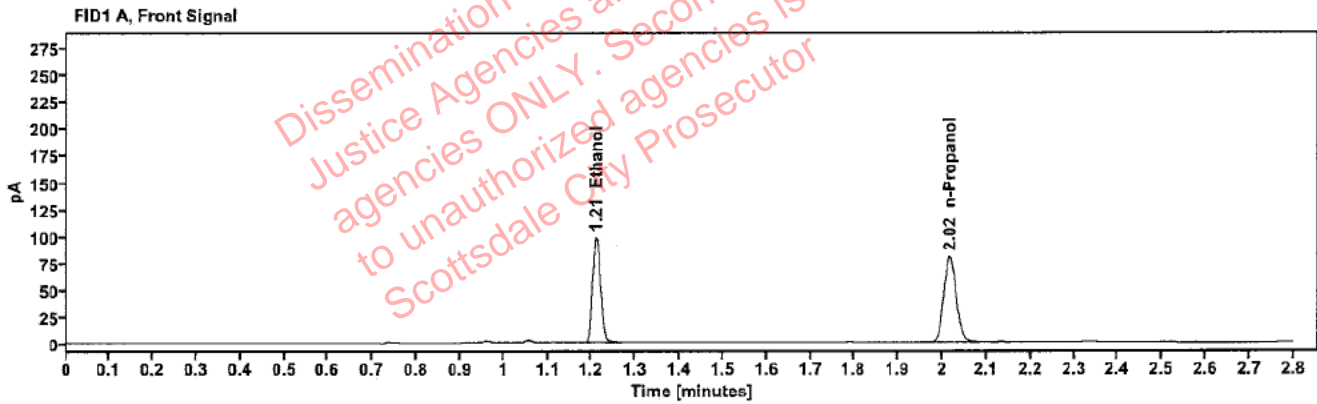


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1920           | 1.210      | 124.950   |
| n-Propanol | ----             | 2.016      | 160.819   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.359      | 137.522   |
| n-Propanol | 2.438      | 173.573   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|   |  |
|---|--|
| <b>Sample:</b> 409-01L.B.                       | <b>Vial:</b> 27                            |
| <b>Description:</b> [REDACTED]                  | <b>LIMS ID:</b> [REDACTED]                 |
| <b>Method:</b> ethanol quant.M                  | <b>Sequence:</b> 09Jan24                   |
| <b>Instrument:</b> US14173023 CN14160045        | <b>Injection date:</b> 1/9/2024 5:39:28 PM |
| <b>Data file:</b> C:\Chem32\1\Data\09Jan24\27.D | <b>Analyst:</b> Brooke                     |

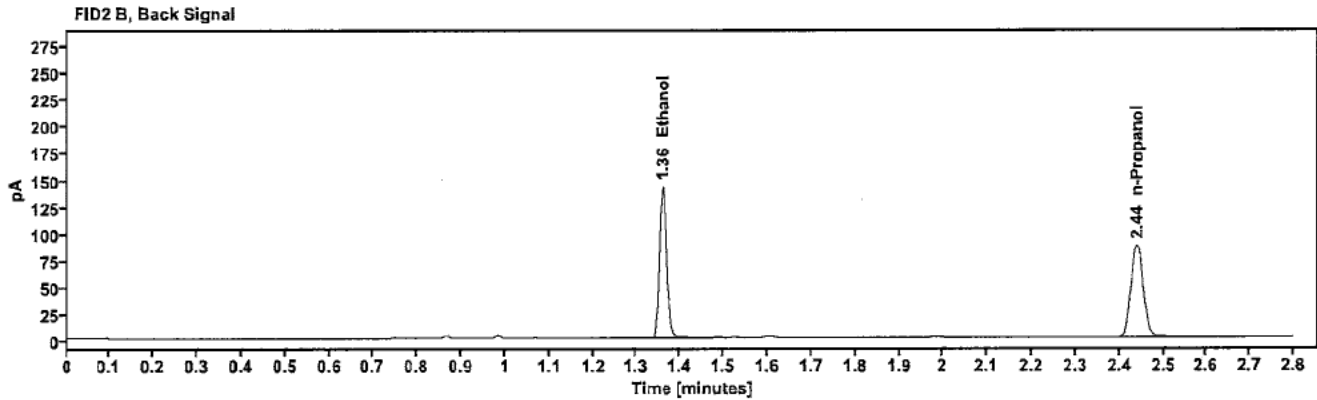
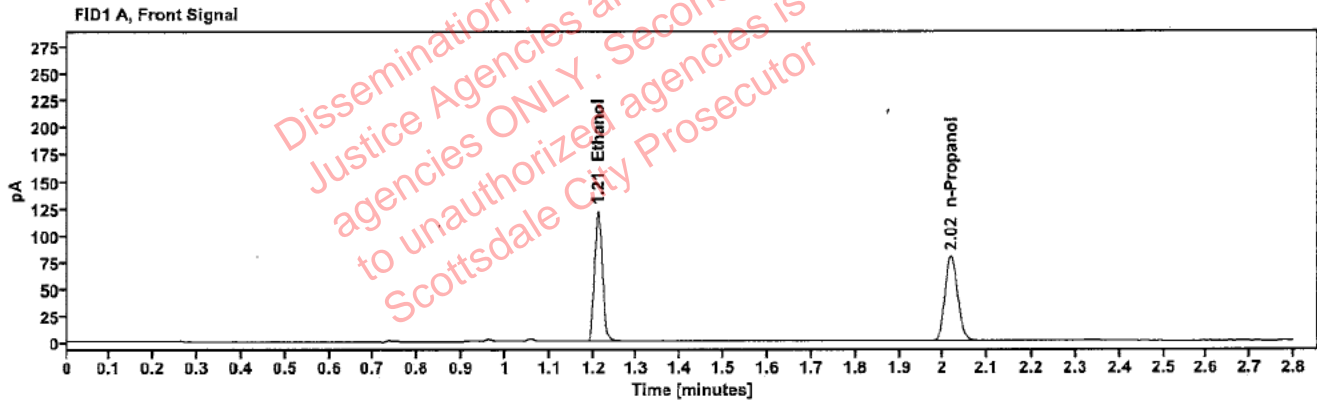


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2420           | 1.211      | 155.312   |
| n-Propanol | -----            | 2.018      | 158.417   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.360      | 170.947   |
| n-Propanol | 2.439      | 171.829   |



**Scottsdale Police Department Crime Lab Volatiles Analysis**

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 409-01L.B.                    | Vial:           | 28                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 5:43:28 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\28.D | Analyst:        | Brooke              |

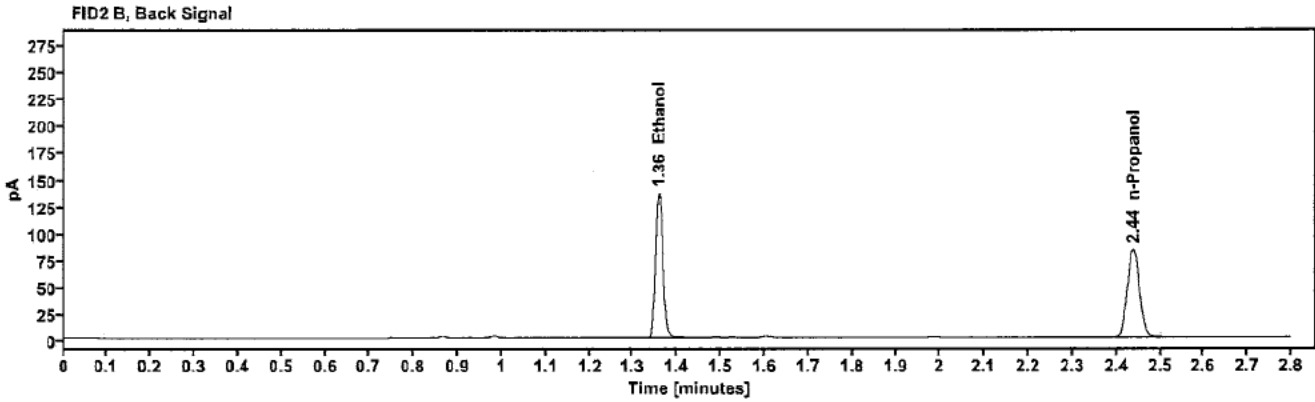
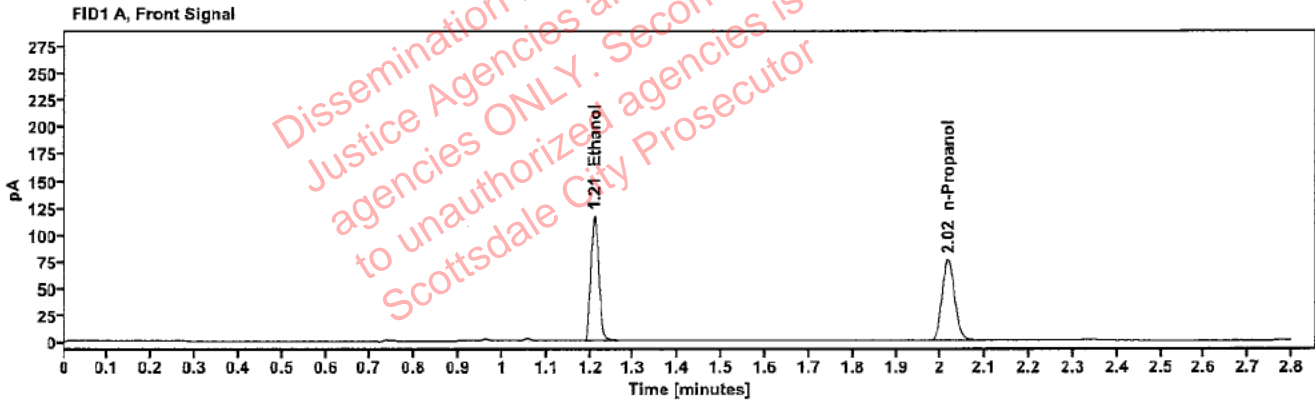


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2417           | 1.210      | 147.959   |
| n-Propanol | -----            | 2.017      | 151.105   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.358      | 162.966   |
| n-Propanol | 2.438      | 164.231   |

[REDACTED]: Brooke, Phillip - (10-Jan-2024)

Case: [REDACTED] User: pbrooke 1/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 409-01S.R                     | Vial:           | 29                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 5:47:28 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\29.D | Analyst:        | Brooke              |

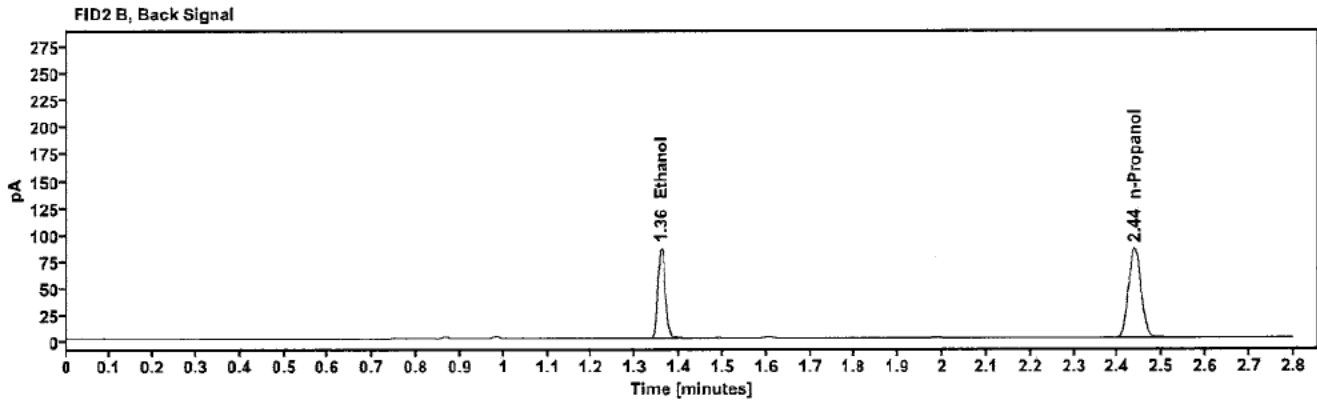
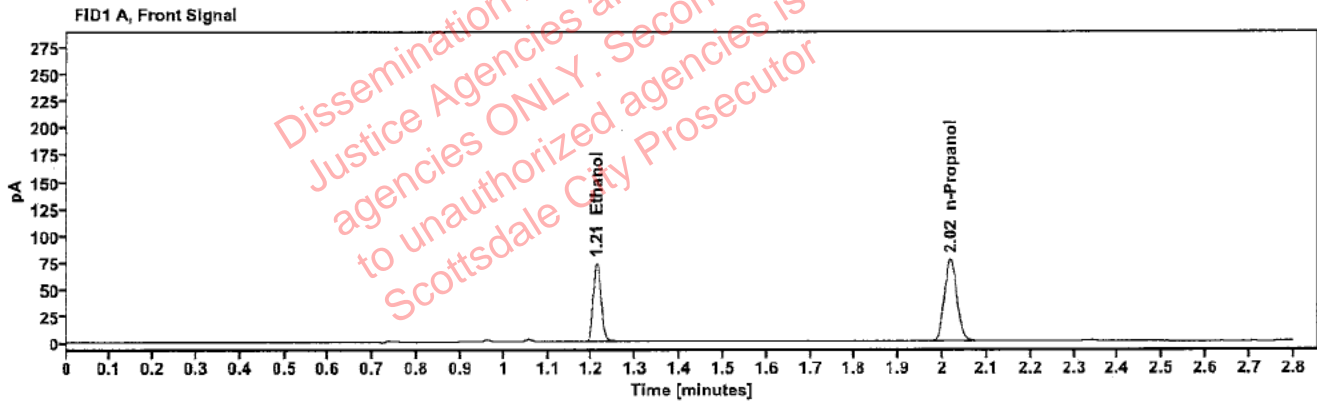


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1509           | 1.211      | 93.066    |
| n-Propanol | ---              | 2.017      | 152.695   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.358      | 102.336   |
| n-Propanol | 2.438      | 166.551   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 409-01S.R.                    | Vial:           | 30                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 5:51:28 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\30.D | Analyst:        | Brooke              |

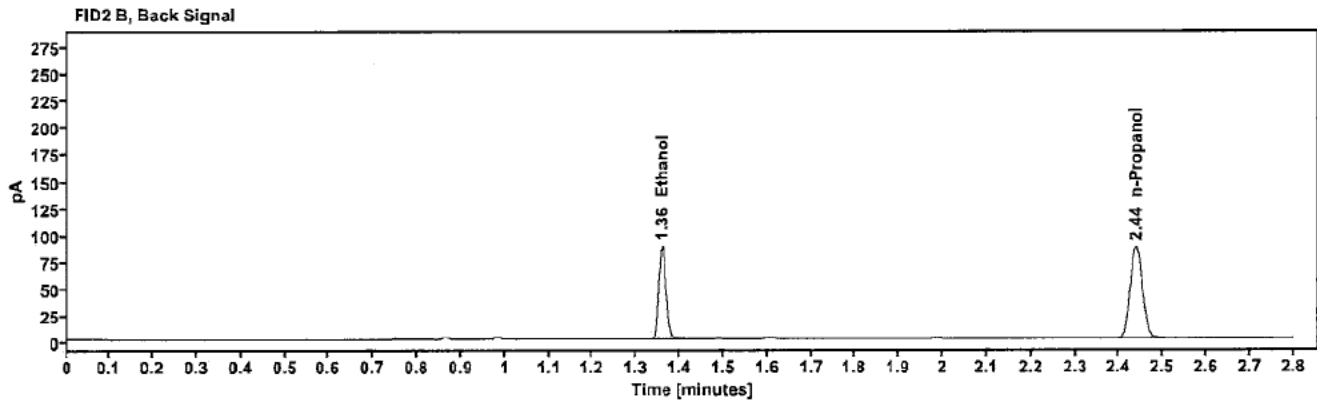
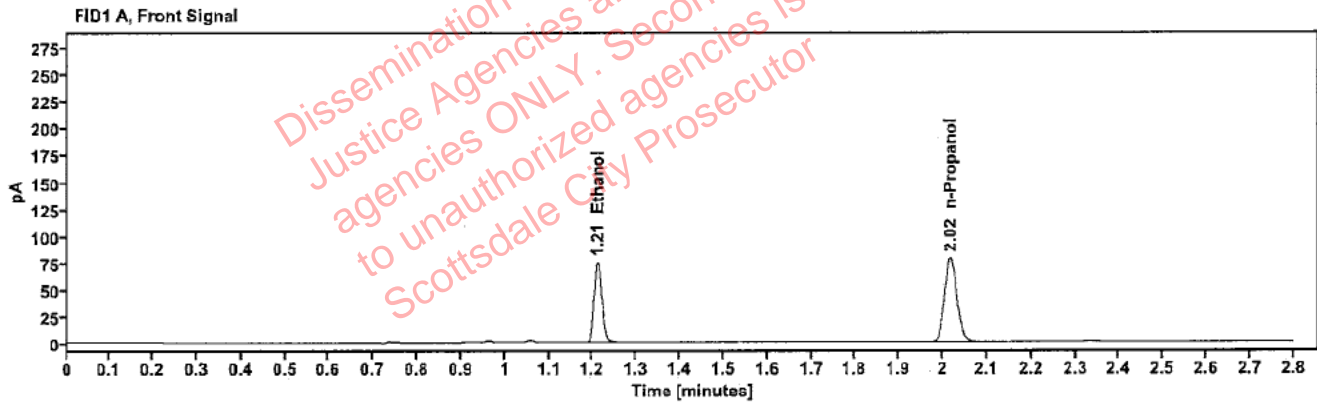


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1512           | 1.211      | 95.681    |
| n-Propanol | -----            | 2.017      | 156.691   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.359      | 105.422   |
| n-Propanol | 2.438      | 170.797   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 425-01T.G.                    | Vial:           | 32                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 5:59:42 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\32.D | Analyst:        | Brooke              |

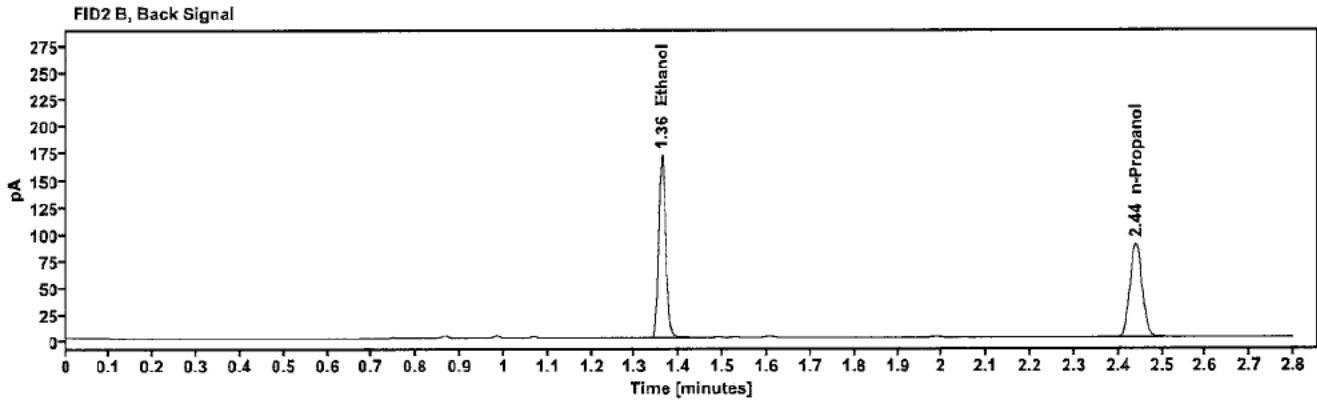
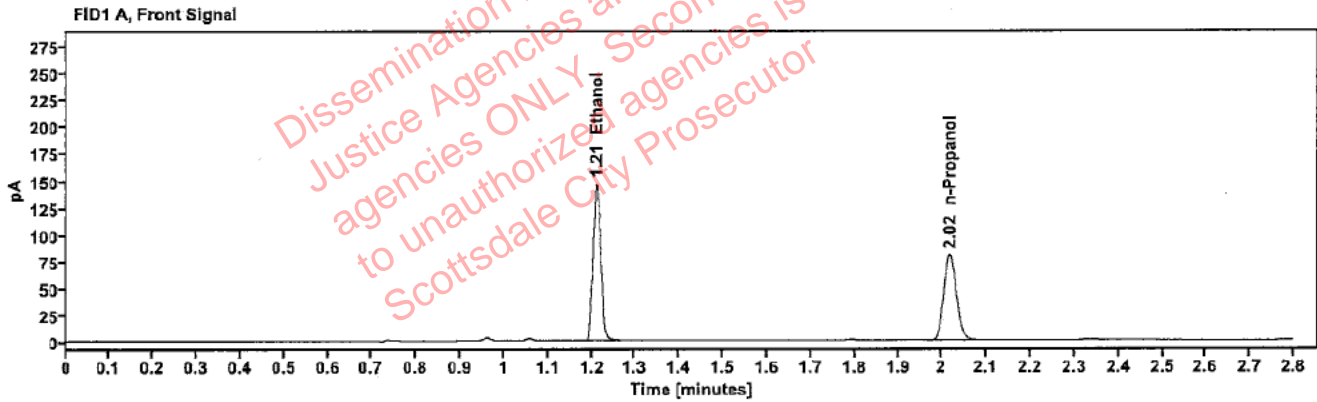


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2862           | 1.211      | 186.771   |
| n-Propanol | ---              | 2.018      | 160.900   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.360      | 206.685   |
| n-Propanol | 2.439      | 174.339   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 425-01T.G.                    | Vial:           | 33                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 6:03:43 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\33.D | Analyst:        | Brooke              |

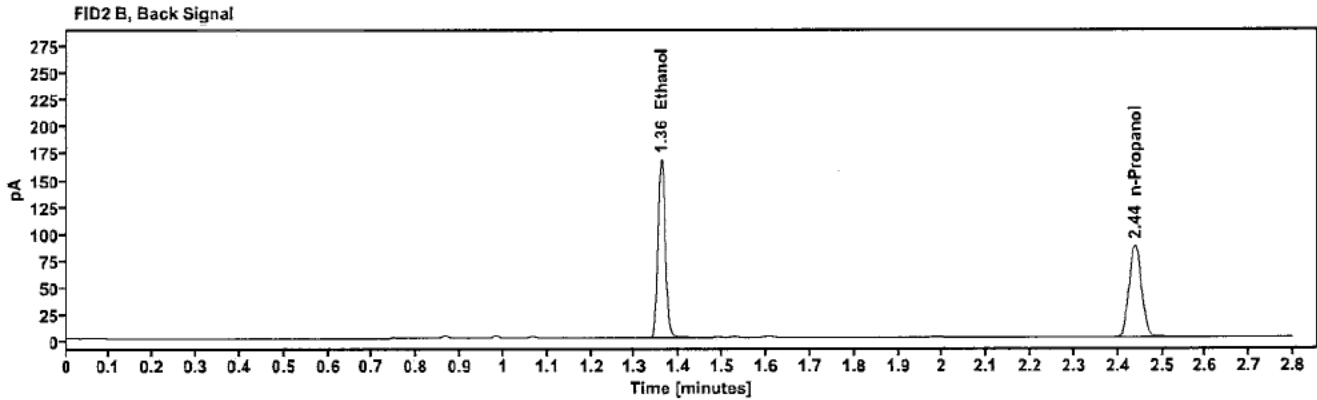
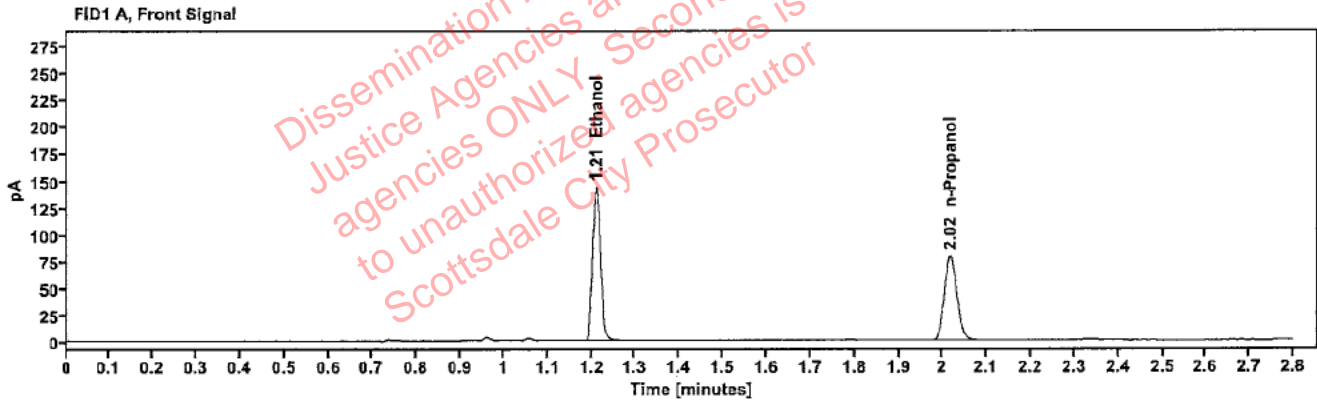


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2849           | 1.211      | 182.493   |
| n-Propanol | -----            | 2.017      | 157.968   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.359      | 201.950   |
| n-Propanol | 2.439      | 171.130   |

Brooke, Phillip - (10-Jan-2024)

Case: [REDACTED] User: pbrooke 1/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2325847-2                     | Vial:           | 34                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 6:07:43 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\34.D | Analyst:        | Brooke              |

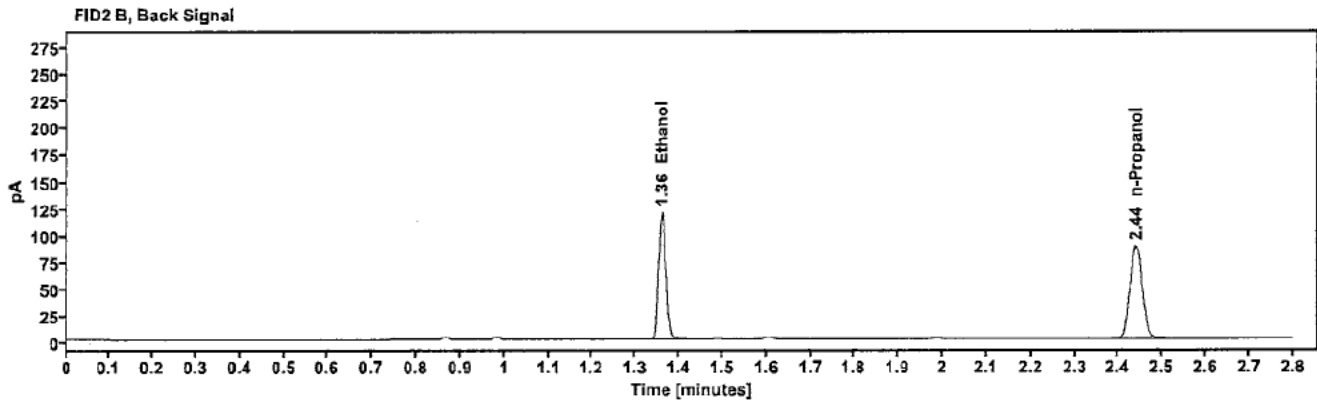
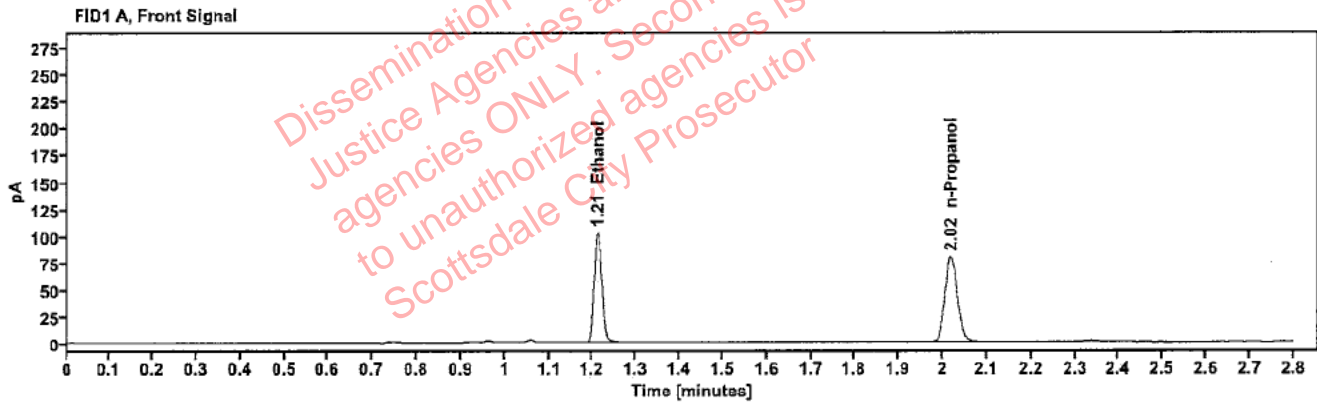


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2023           | 1.211      | 130.421   |
| n-Propanol | ---              | 2.018      | 159.313   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.360      | 143.767   |
| n-Propanol | 2.440      | 172.605   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2325847-2                     | Vial:           | 35                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 6:11:43 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\35.D | Analyst:        | Brooke              |

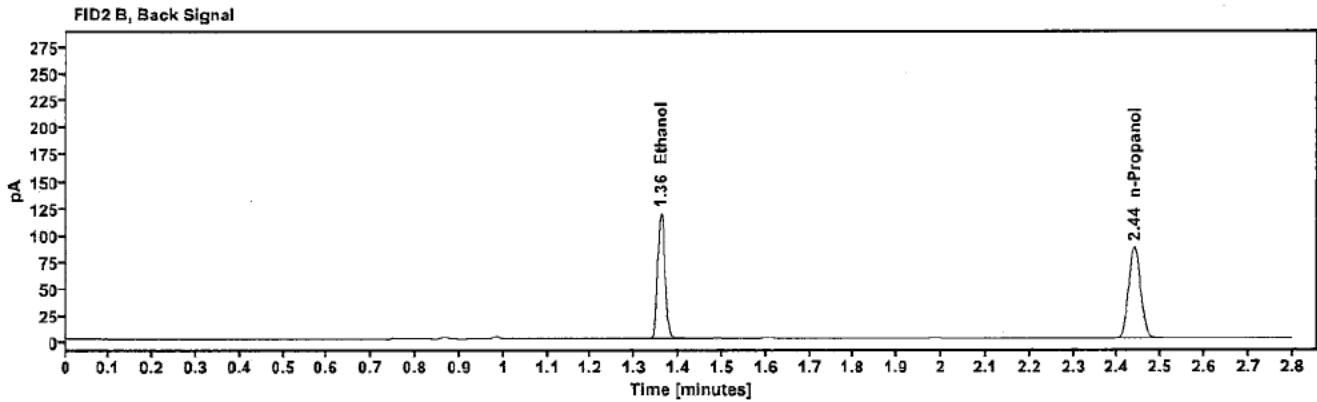
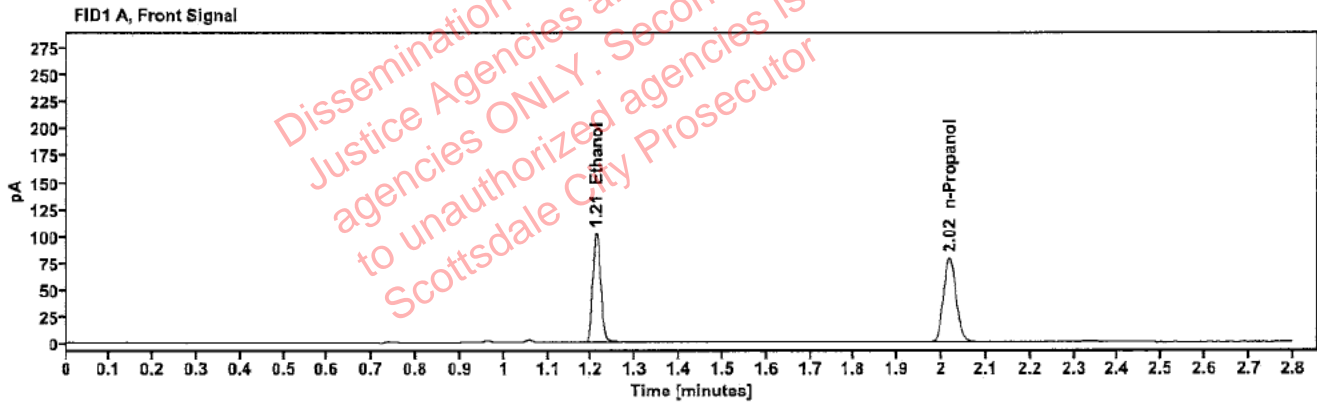


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2035           | 1.211      | 129.008   |
| n-Propanol | ---              | 2.017      | 156.602   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.359      | 142.022   |
| n-Propanol | 2.439      | 170.742   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2400007-2                     | Vial:           | 36                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 6:15:43 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\36.D | Analyst:        | Brooke              |

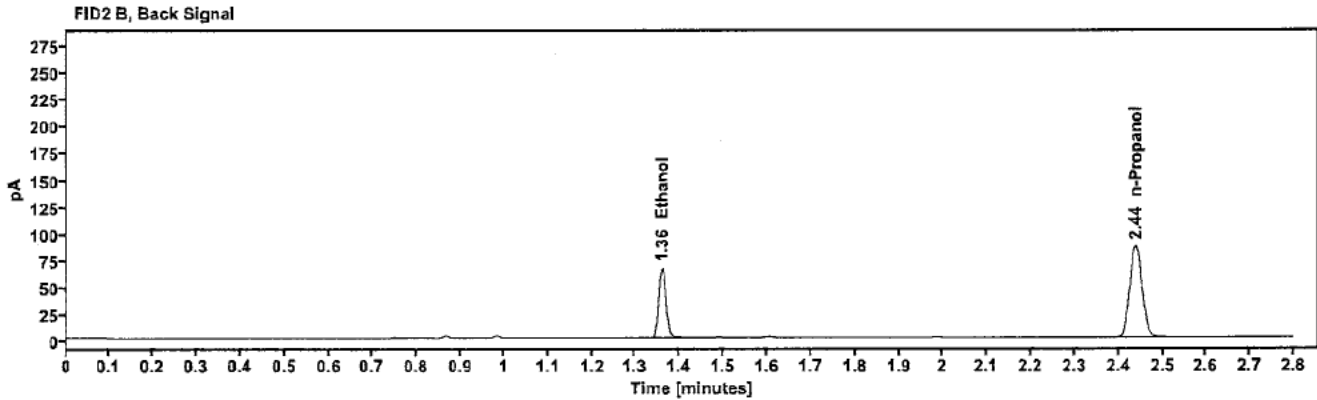
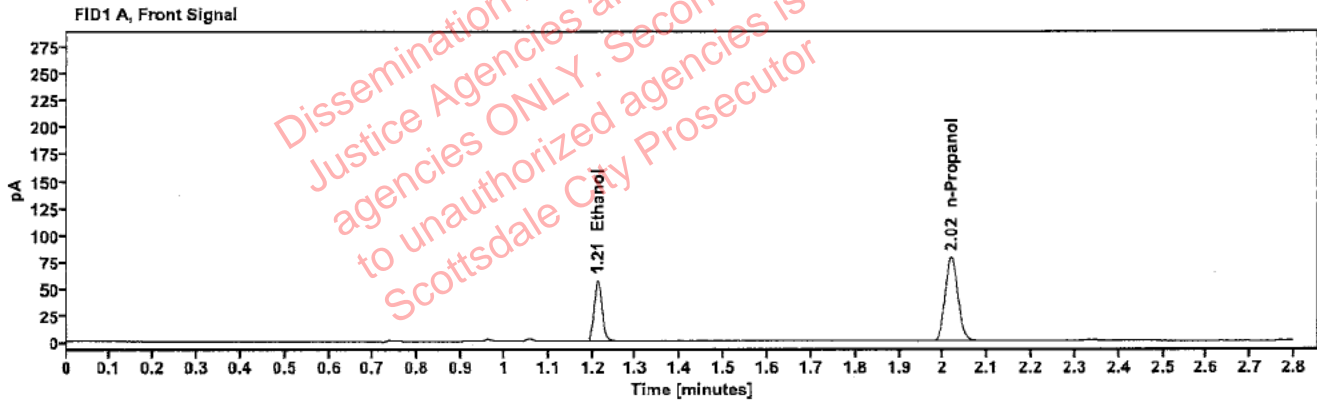


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1150           | 1.212      | 72.477    |
| n-Propanol | -----            | 2.017      | 156.482   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.360      | 79.827    |
| n-Propanol | 2.439      | 170.535   |



### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2400007-2                     | Vial:           | 37                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 6:19:57 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\37.D | Analyst:        | Brooke              |

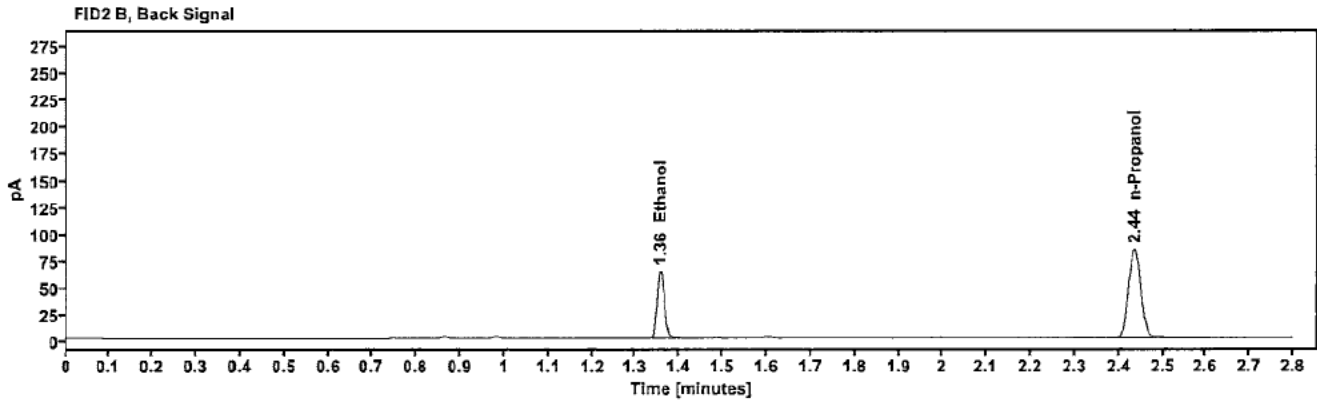
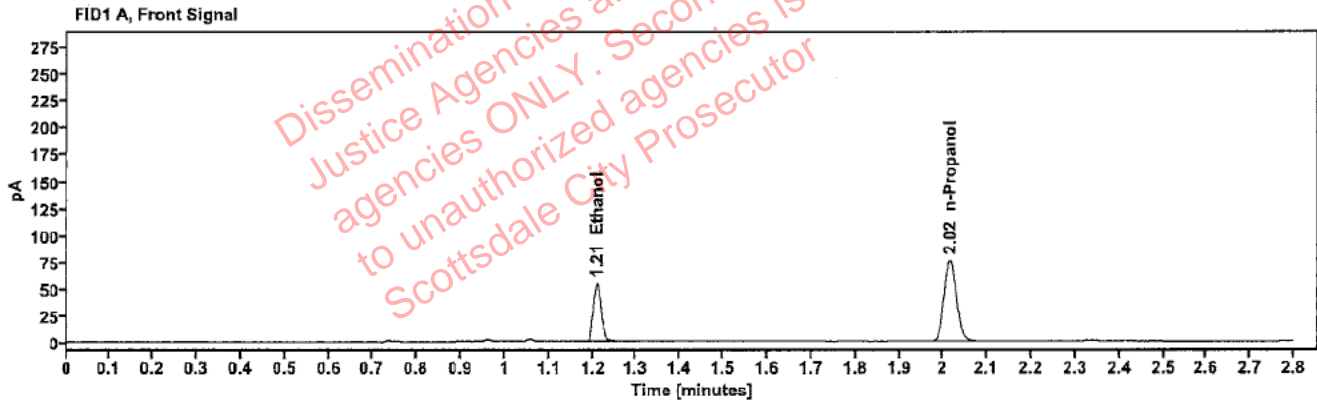


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1130           | 1.209      | 69.073    |
| n-Propanol | -----            | 2.015      | 151.768   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.356      | 75.975    |
| n-Propanol | 2.435      | 164.892   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2326572-2                     | Vial:           | 38                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 6:23:58 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\38.D | Analyst:        | Brooke              |

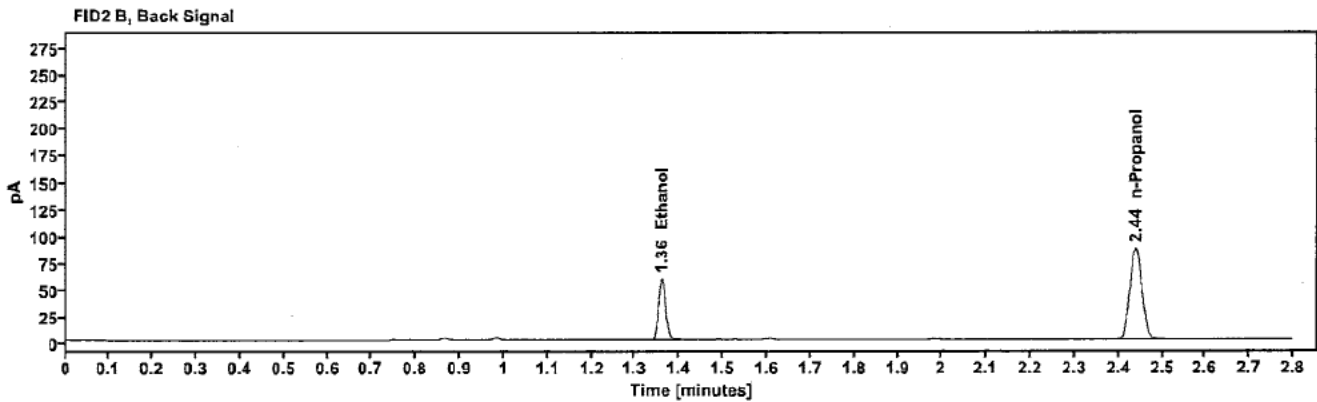
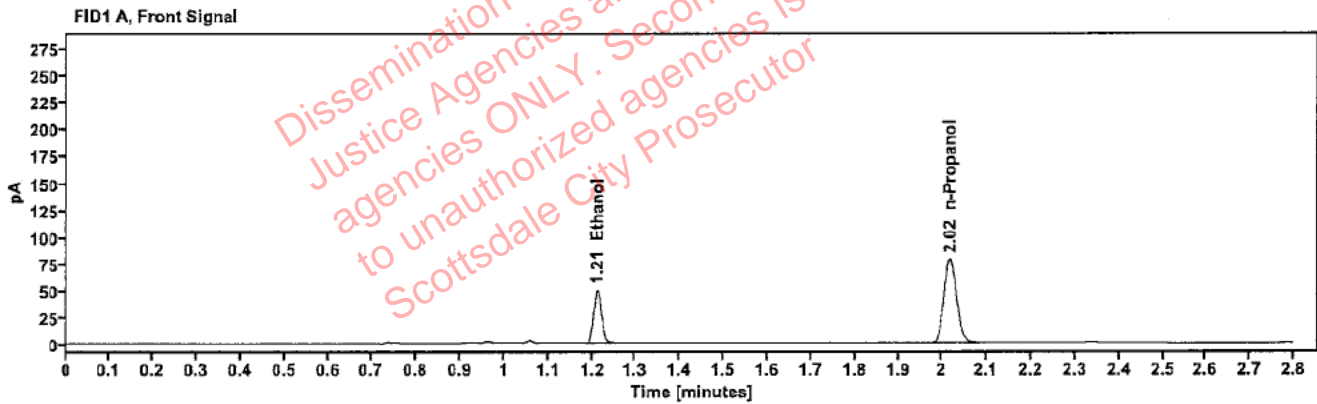


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1012           | 1.212      | 63.745    |
| n-Propanol | -----            | 2.017      | 156.698   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.360      | 70.165    |
| n-Propanol | 2.439      | 170.099   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2326572-2                     | Vial:           | 39                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 6:27:58 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\39.D | Analyst:        | Brooke              |

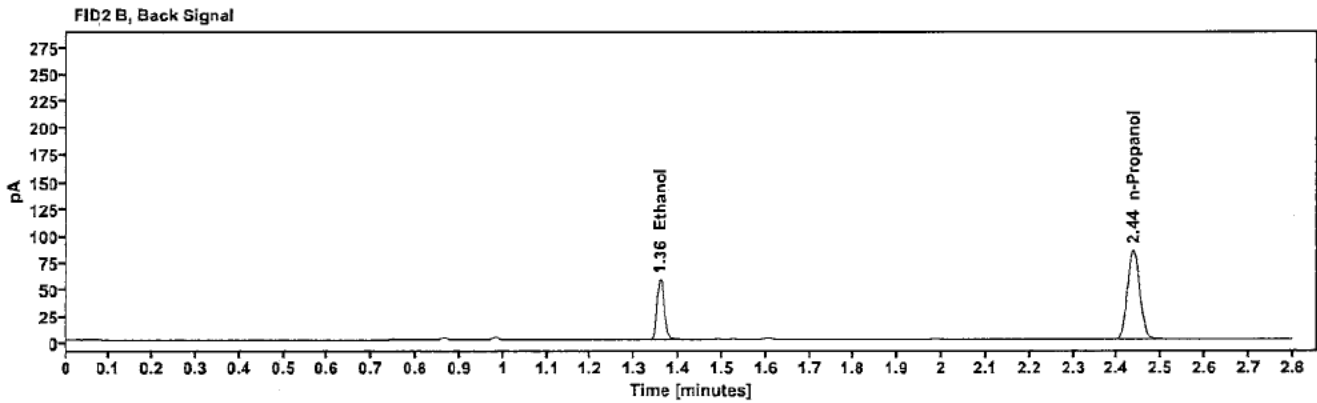
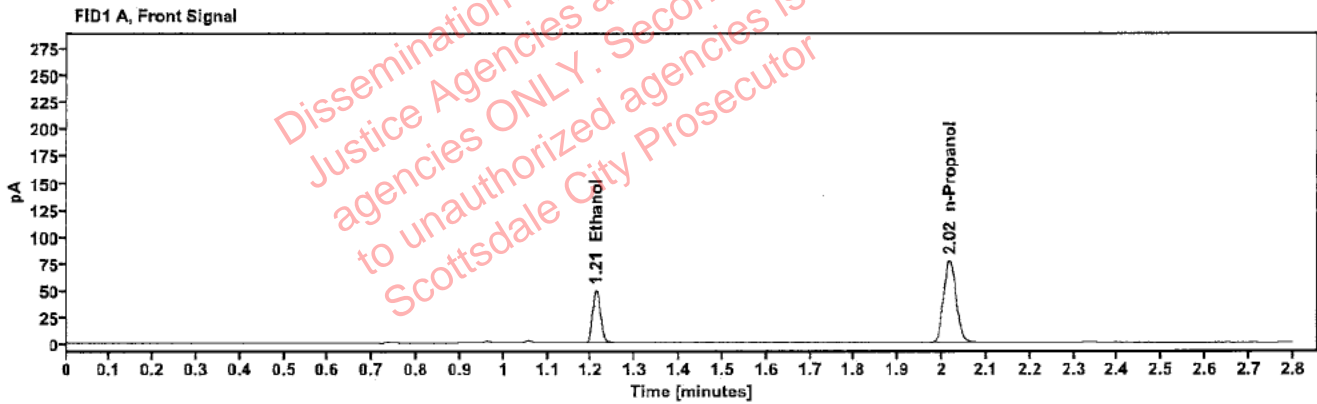


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1009           | 1.211      | 62.409    |
| n-Propanol | ----             | 2.016      | 153.882   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.358      | 68.647    |
| n-Propanol | 2.437      | 167.070   |

Case [REDACTED]: Brooke, Phillip - (10-Jan-2024)

User: pbrooke 1/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2400050-1                     | Vial:           | 40                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 6:31:58 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\40.D | Analyst:        | Brooke              |

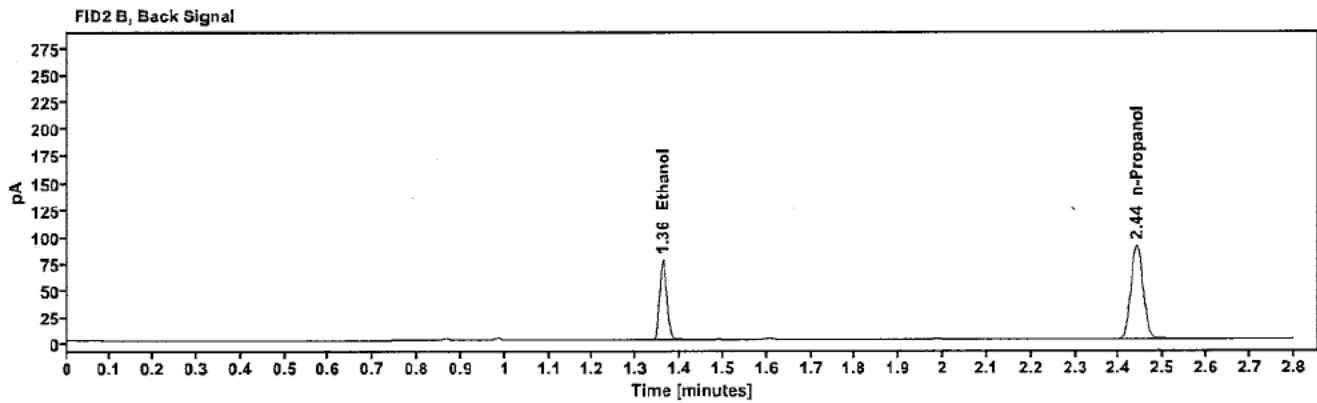
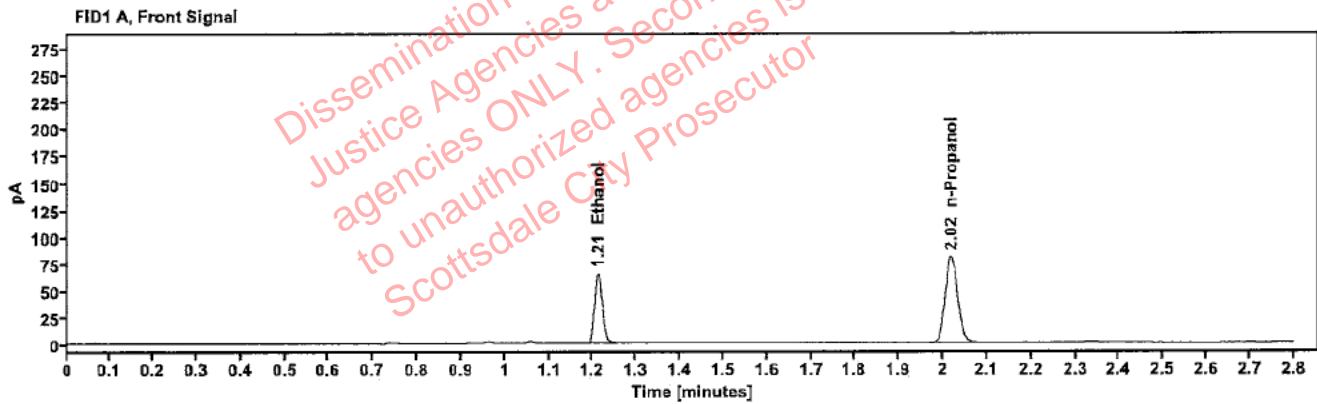


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1288           | 1.212      | 83.554    |
| n-Propanol | ---              | 2.018      | 160.923   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.361      | 91.890    |
| n-Propanol | 2.440      | 175.038   |

Case [REDACTED]: Brooke, Phillip - (10-Jan-2024)

User: pbrooke 1/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                                |                 |                     |
|--------------|--------------------------------|-----------------|---------------------|
| Sample:      | 2400050-1                      | Vial:           | 41                  |
| Description: | [REDACTED]                     | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M                | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045          | Injection date: | 1/9/2024 6:35:58 PM |
| Data file:   | C:\Chem32\11\Data\09Jan24\41.D | Analyst:        | Brooke              |

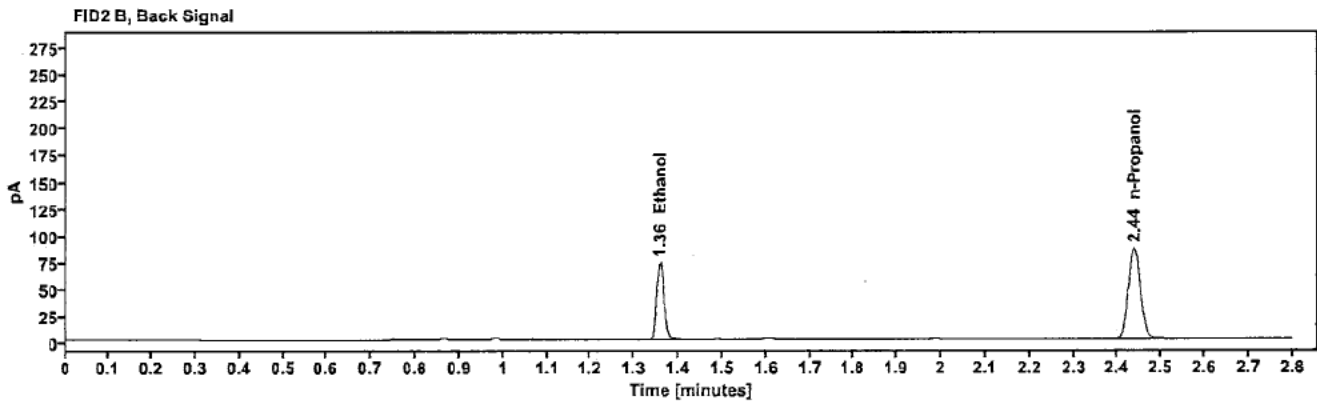
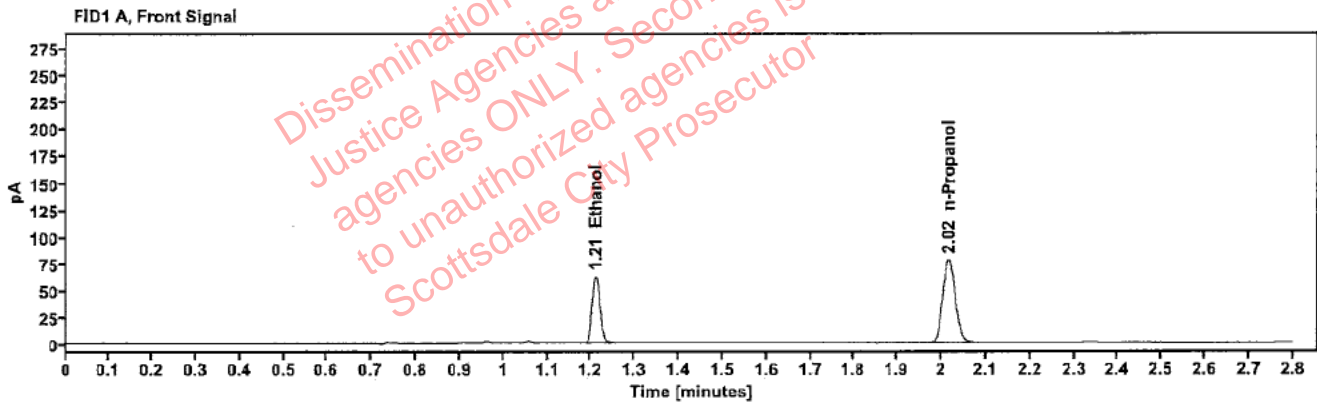


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1269           | 1.211      | 79.216    |
| n-Propanol | ---              | 2.016      | 154.869   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.358      | 87.215    |
| n-Propanol | 2.438      | 168.836   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|   |  |
|---|--|
| <b>Sample:</b> 2325934_3                        | <b>Vial:</b> 43                            |
| <b>Description:</b> [REDACTED]                  | <b>LIMS ID:</b> [REDACTED]                 |
| <b>Method:</b> ethanol quant.M                  | <b>Sequence:</b> 09Jan24                   |
| <b>Instrument:</b> US14173023 CN14160045        | <b>Injection date:</b> 1/9/2024 6:44:13 PM |
| <b>Data file:</b> C:\Chem32\1\Data\09Jan24\43.D | <b>Analyst:</b> Brooke                     |

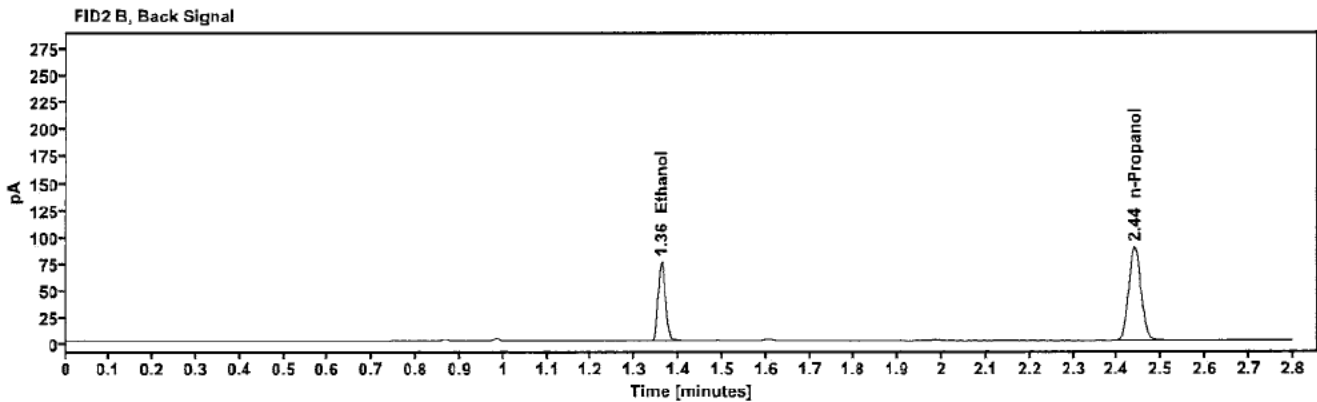
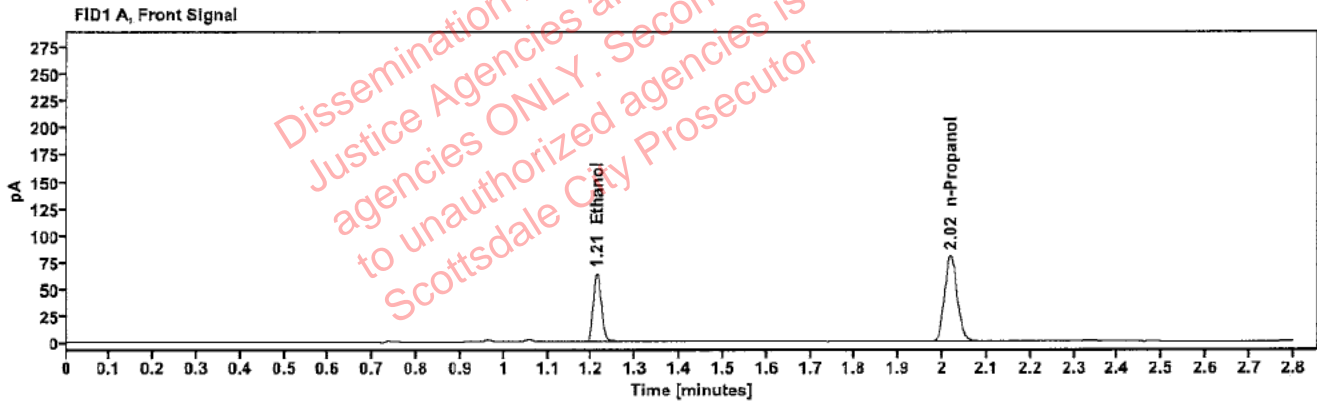


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1265           | 1.212      | 81.455    |
| n-Propanol | -----            | 2.018      | 159.769   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.360      | 89.718    |
| n-Propanol | 2.439      | 173.700   |

: Brooke, Phillip - (10-Jan-2024)

Case [redacted] User: pbrooke 1/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2325934-3                     | Vial:           | 44                  |
| Description: | [redacted]                    | LIMS ID:        | [redacted]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 6:48:13 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\44.D | Analyst:        | Brooke              |

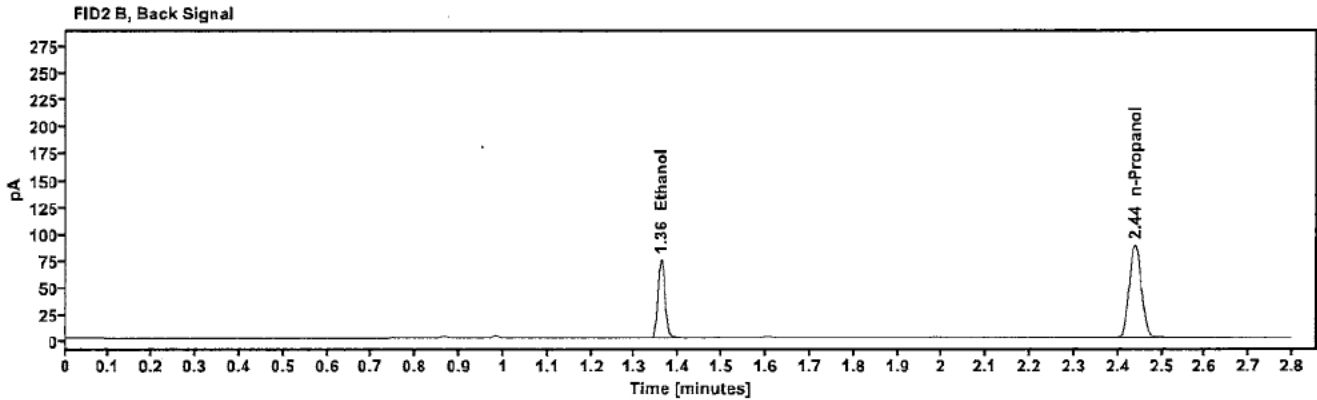
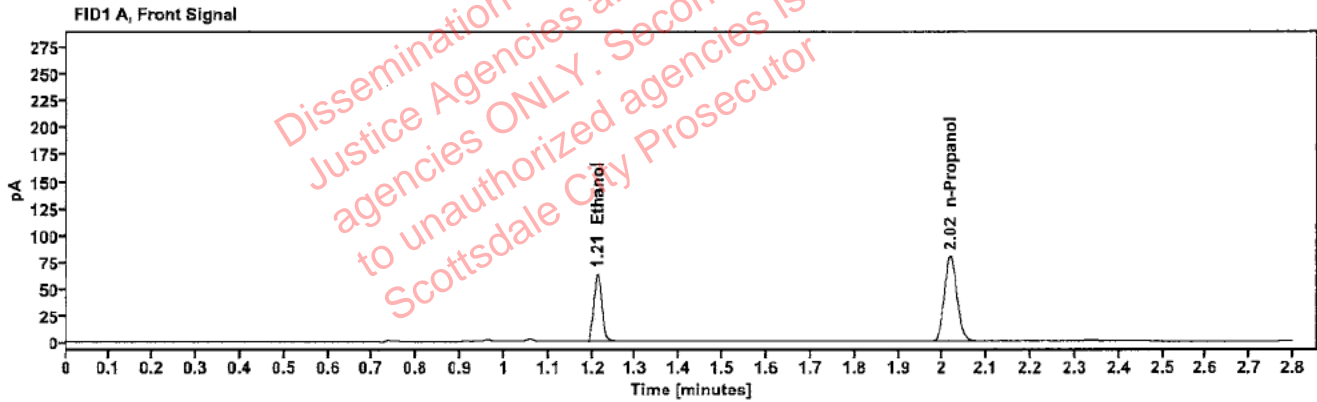


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1260           | 1.211      | 80.727    |
| n-Propanol | -----            | 2.017      | 158.931   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.359      | 88.790    |
| n-Propanol | 2.439      | 172.724   |

Brooke, Phillip - (10-Jan-2024)

Case: [REDACTED] User: pbrooke 1/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2326814-2                     | Vial:           | 45                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 6:52:13 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\45.D | Analyst:        | Brooke              |

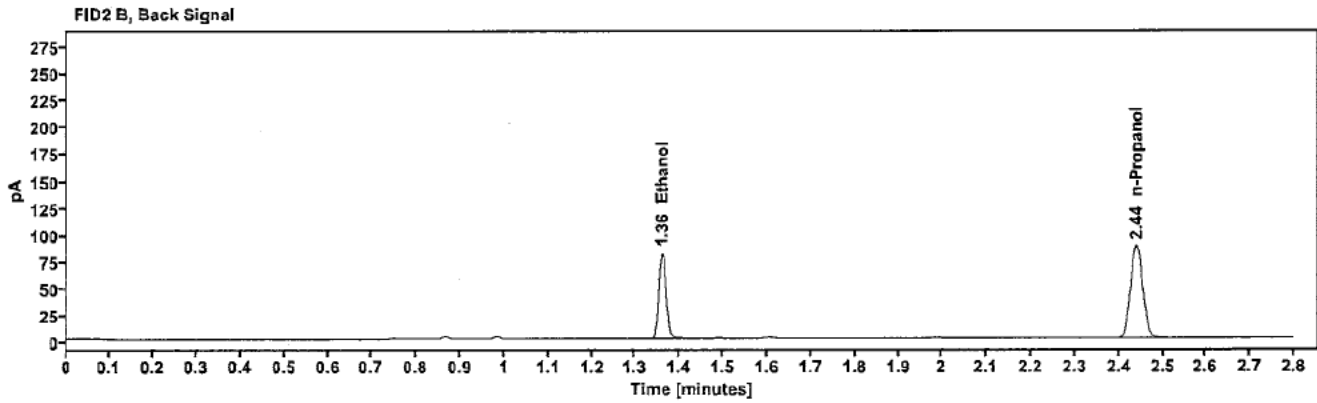
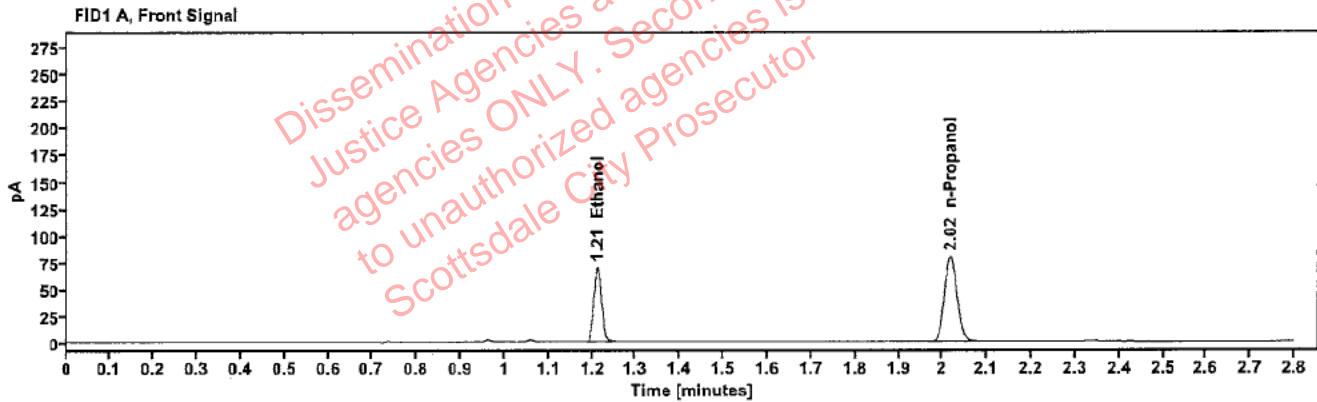


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1390           | 1.212      | 89.003    |
| n-Propanol | ---              | 2.018      | 158.667   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.360      | 98.002    |
| n-Propanol | 2.439      | 172.569   |



Brooke, Phillip - (10-Jan-2024)

Case: [REDACTED] User: pbrooke 1/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2326814-2                     | Vial:           | 46                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 6:56:13 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\46.D | Analyst:        | Brooke              |

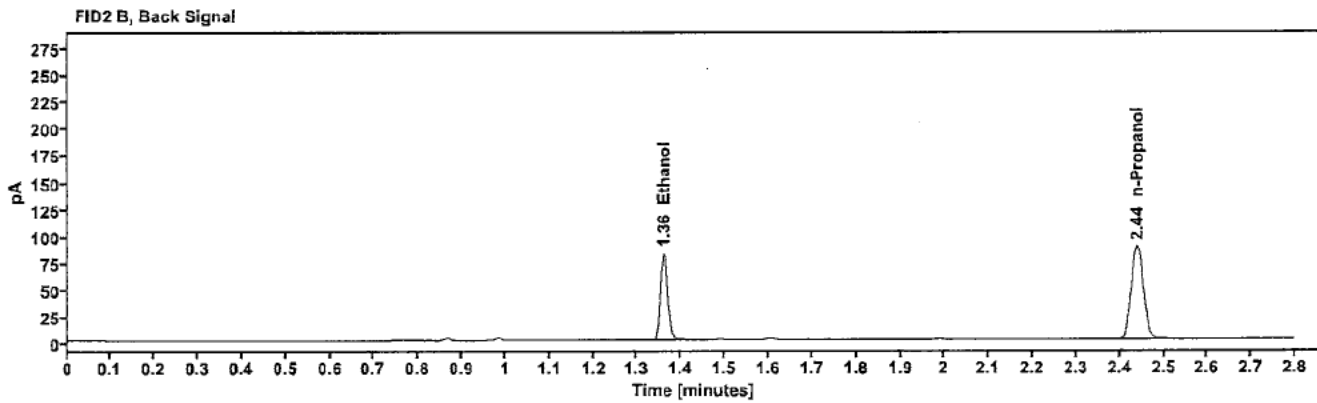
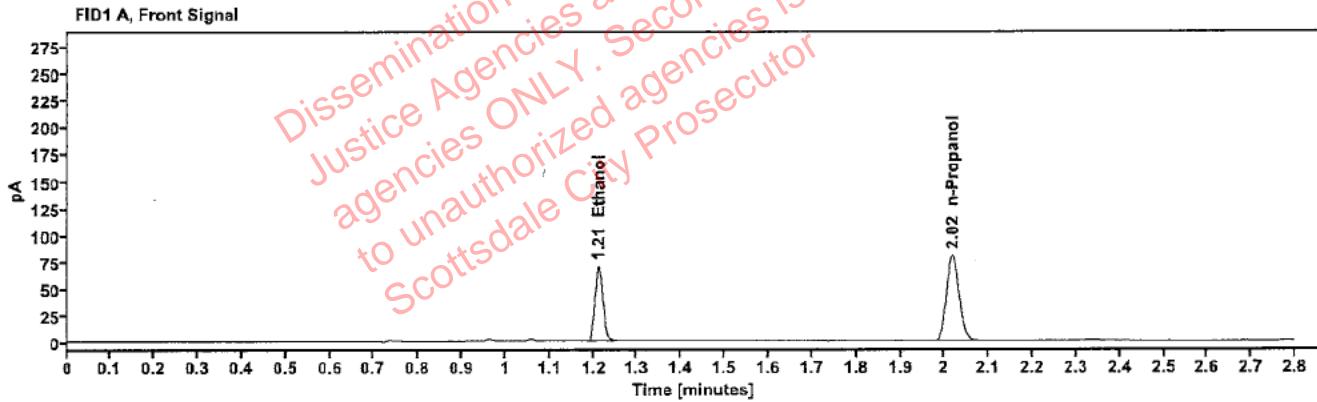


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1397           | 1.212      | 89.977    |
| n-Propanol | ---              | 2.018      | 159.557   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.360      | 99.166    |
| n-Propanol | 2.439      | 173.930   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2326876-2                     | Vial:           | 47                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 7:00:13 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\47.D | Analyst:        | Brooke              |

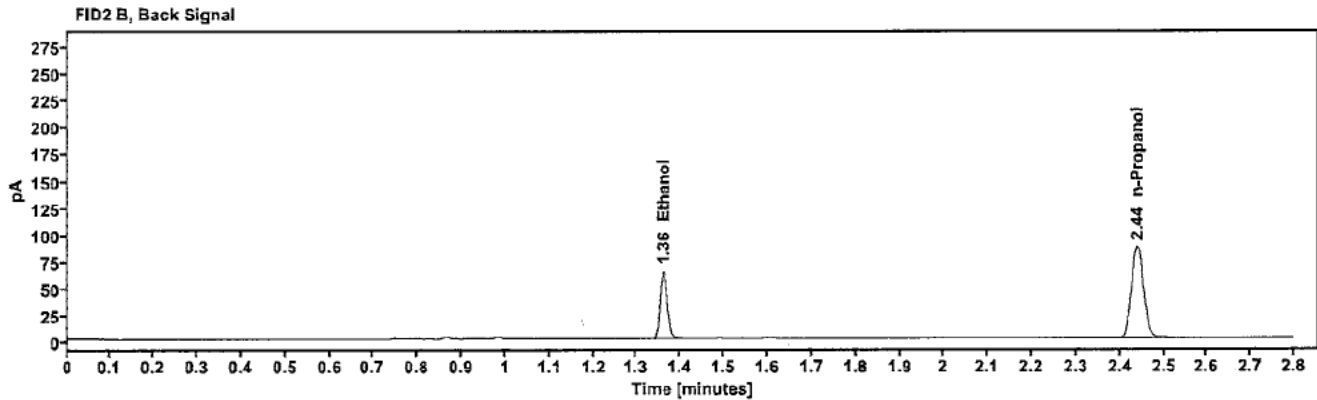
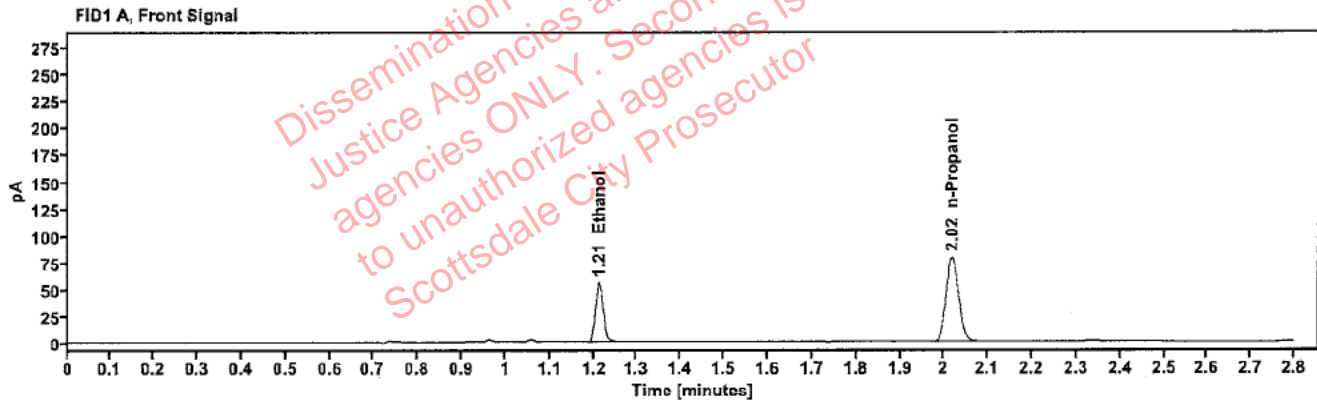


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1121           | 1.212      | 70.774    |
| n-Propanol | -----            | 2.018      | 156.844   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.361      | 77.764    |
| n-Propanol | 2.440      | 170.938   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                                |                 |                     |
|--------------|--------------------------------|-----------------|---------------------|
| Sample:      | 2326876-2                      | Vial:           | 48                  |
| Description: | [REDACTED]                     | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M                | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045          | Injection date: | 1/9/2024 7:04:13 PM |
| Data file:   | C:\Chem32\11\Data\09Jan24\48.D | Analyst:        | Brooke              |

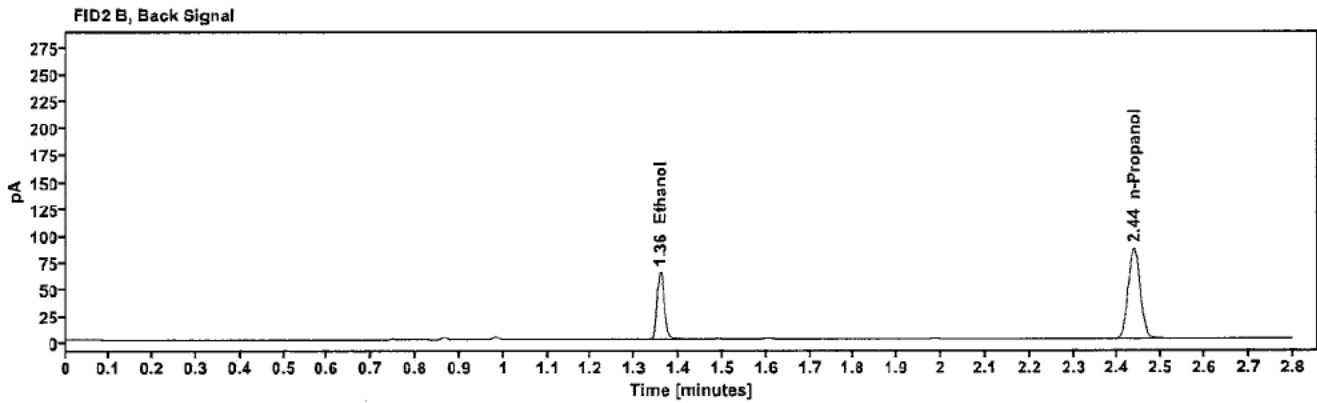
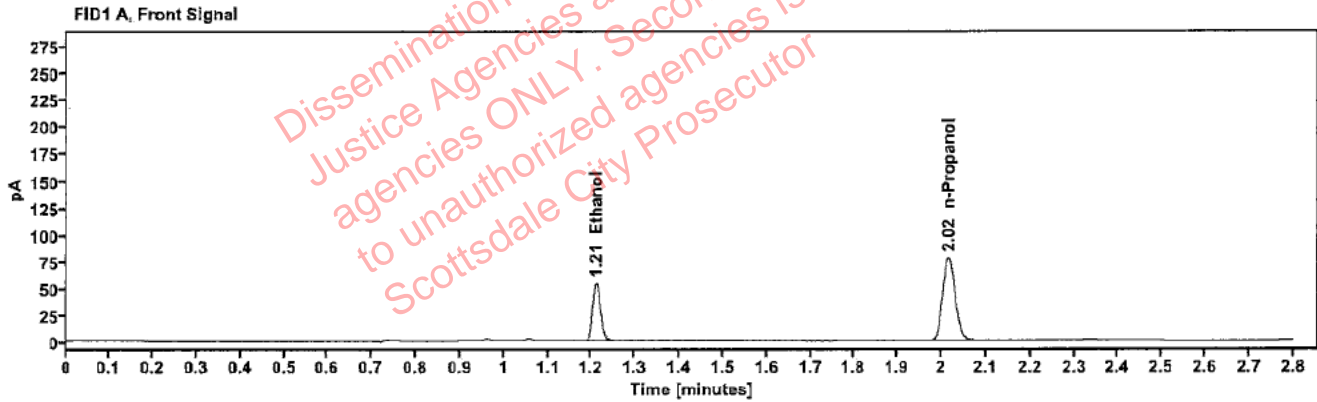


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1105           | 1.210      | 68.724    |
| n-Propanol | -----            | 2.016      | 154.459   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.358      | 75.771    |
| n-Propanol | 2.437      | 168.396   |

Brooke, Phillip - (10-Jan-2024)

Case [redacted] User: pbrooke 1/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2326875-2                     | Vial:           | 49                  |
| Description: | [redacted]                    | LIMS ID:        | [redacted]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 7:08:27 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\49.D | Analyst:        | Brooke              |

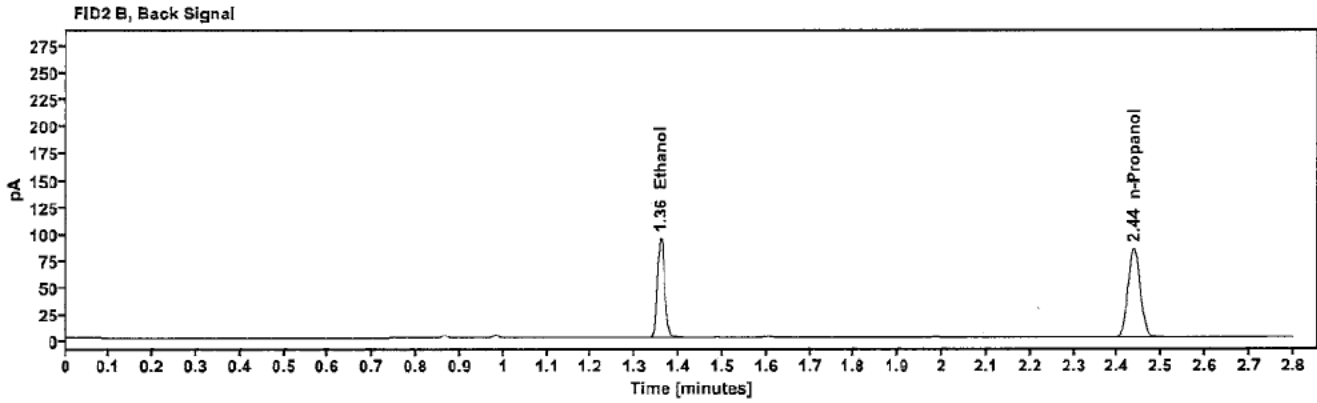
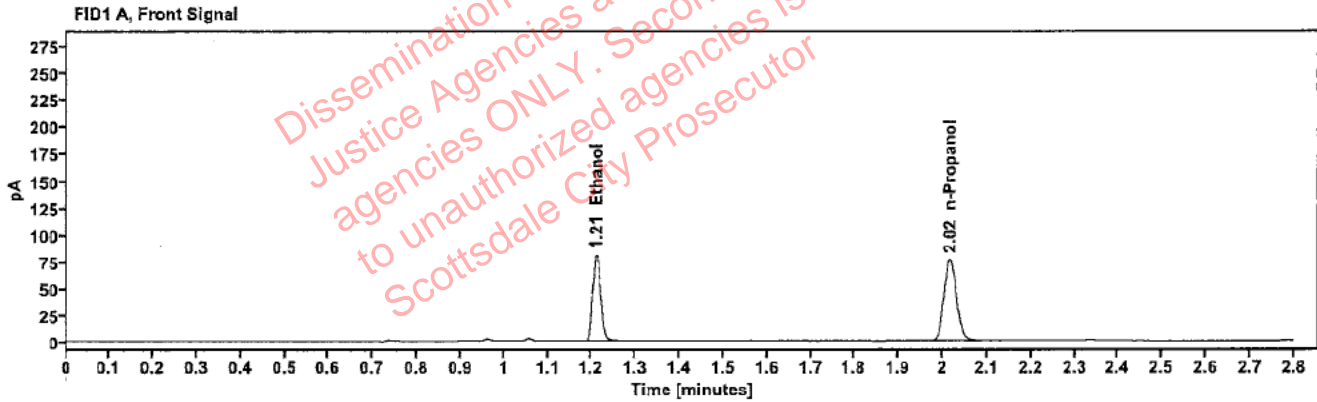


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1659           | 1.210      | 102.501   |
| n-Propanol | ---              | 2.016      | 152.896   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.358      | 112.628   |
| n-Propanol | 2.437      | 166.168   |

Brooke, Phillip - (10-Jan-2024)

Case: [REDACTED] User: pbrooke 1/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2326875-2                     | Vial:           | 50                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 7:12:28 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\50.D | Analyst:        | Brooke              |

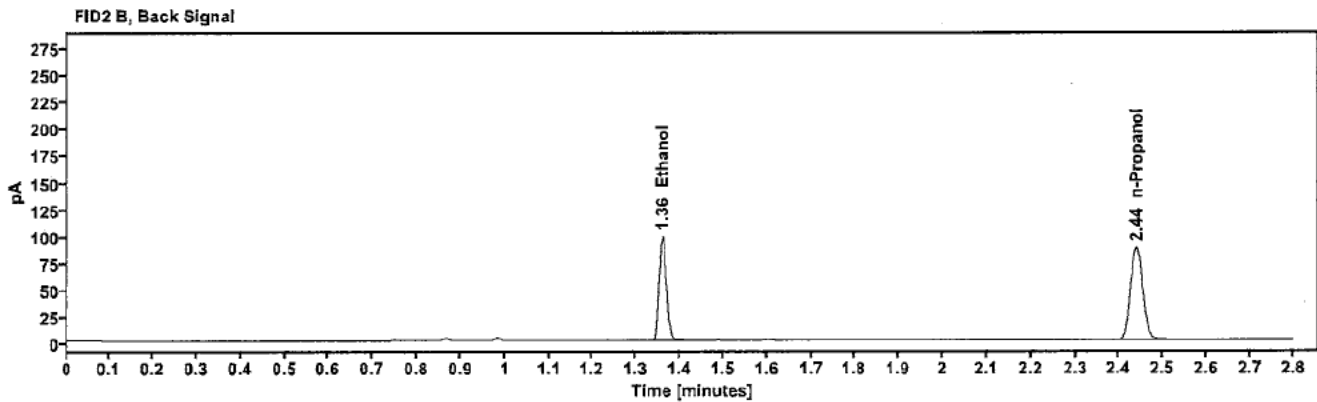
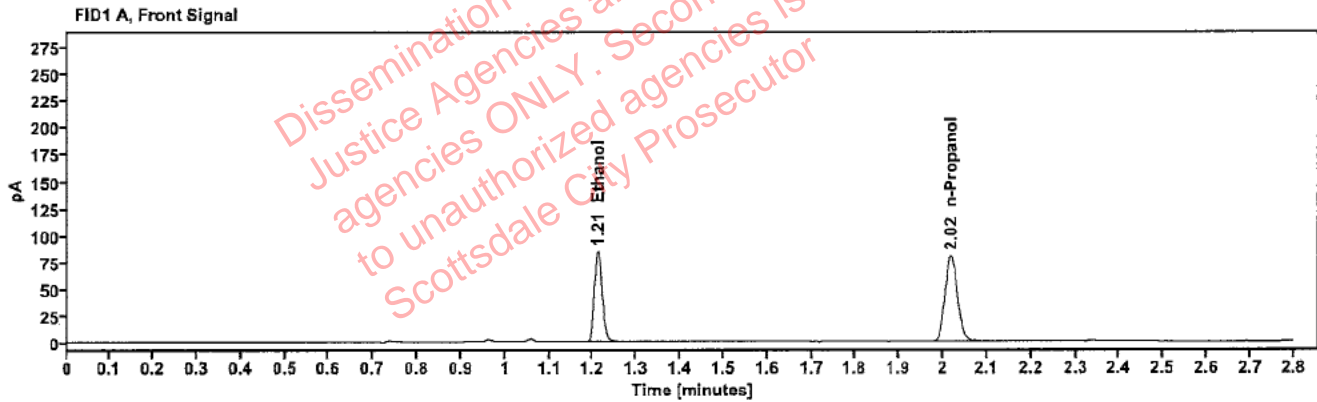


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1670           | 1.211      | 107.267   |
| n-Propanol | -----            | 2.018      | 158.891   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.360      | 118.032   |
| n-Propanol | 2.439      | 172.692   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2326881-1                     | Vial:           | 51                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.m               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 7:16:28 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\51.D | Analyst:        | Brooke              |

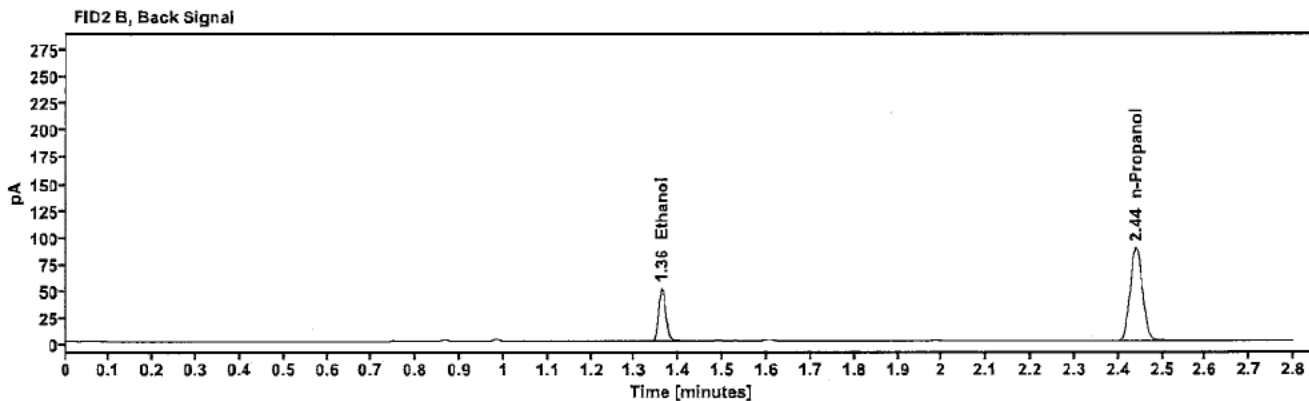
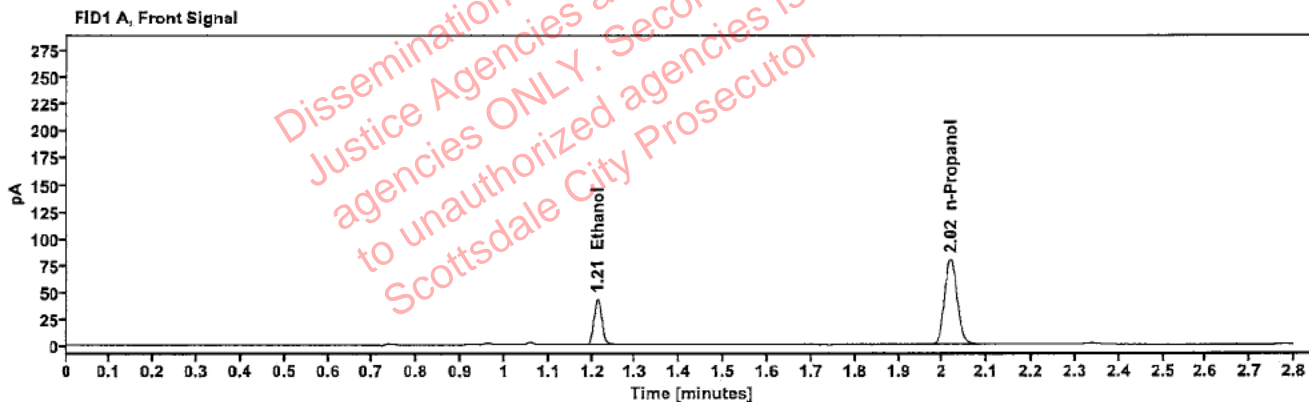


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.0857           | 1.212      | 55.166    |
| n-Propanol | -----            | 2.018      | 160.499   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.361      | 60.825    |
| n-Propanol | 2.440      | 174.360   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2326881-1                     | Vial:           | 52                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant                 | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 7:20:28 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\52.D | Analyst:        | Brooke              |

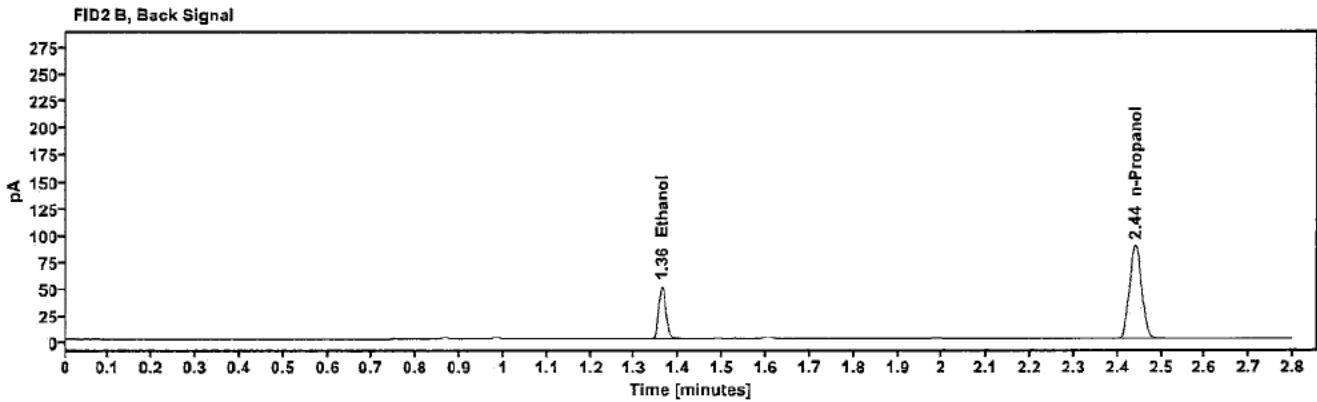
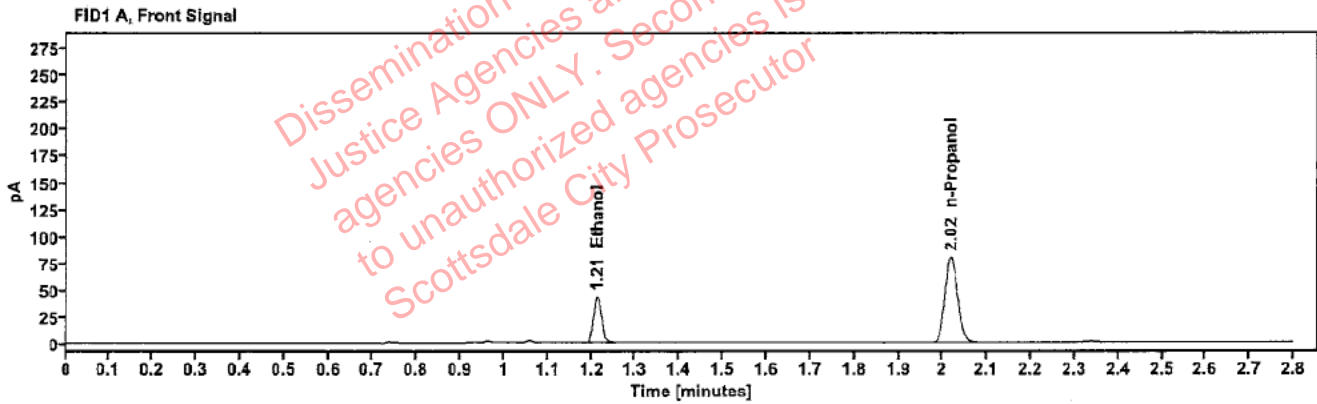


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.0857           | 1.213      | 55.285    |
| n-Propanol | -----            | 2.018      | 160.750   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.362      | 61.005    |
| n-Propanol | 2.440      | 174.509   |

[REDACTED]: Brooke, Phillip - (10-Jan-2024)

Case [REDACTED] User: pbrooke 1/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2400019-4                     | Vial:           | 54                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 7:28:28 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\54.D | Analyst:        | Brooke              |

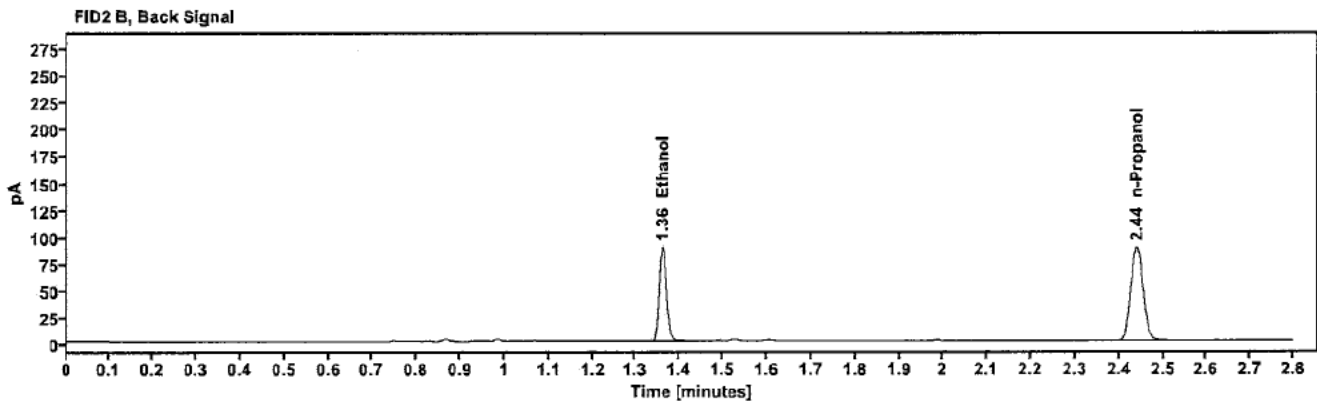
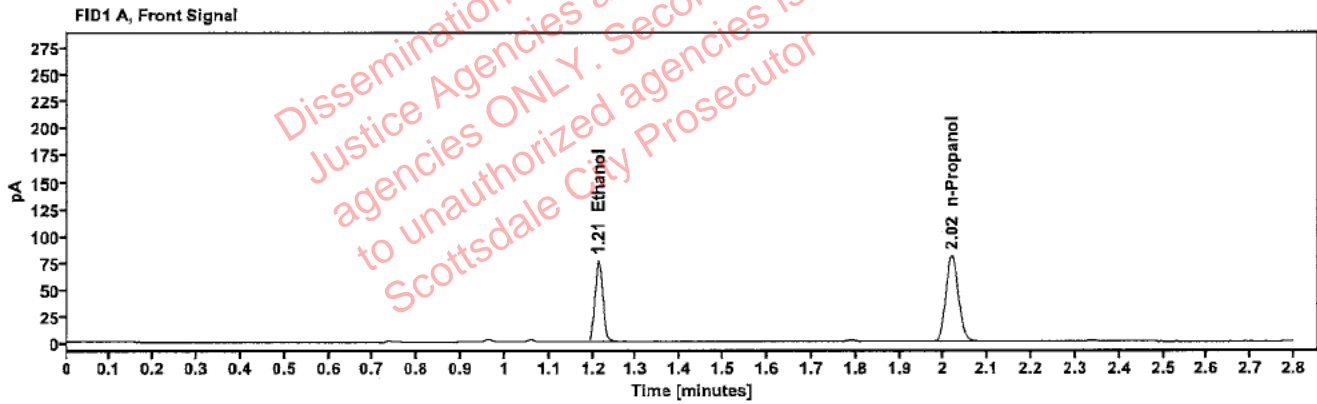


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1503           | 1.212      | 97.509    |
| n-Propanol | ----             | 2.018      | 160.672   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.361      | 107.316   |
| n-Propanol | 2.440      | 174.879   |



### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2400019-4                     | Vial:           | 55                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 7:32:43 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\55.D | Analyst:        | Brooke              |

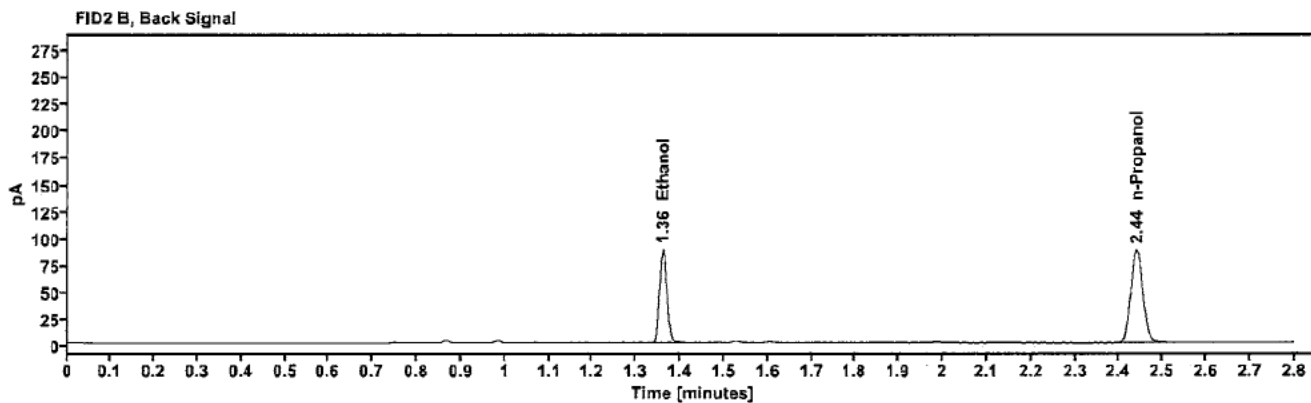
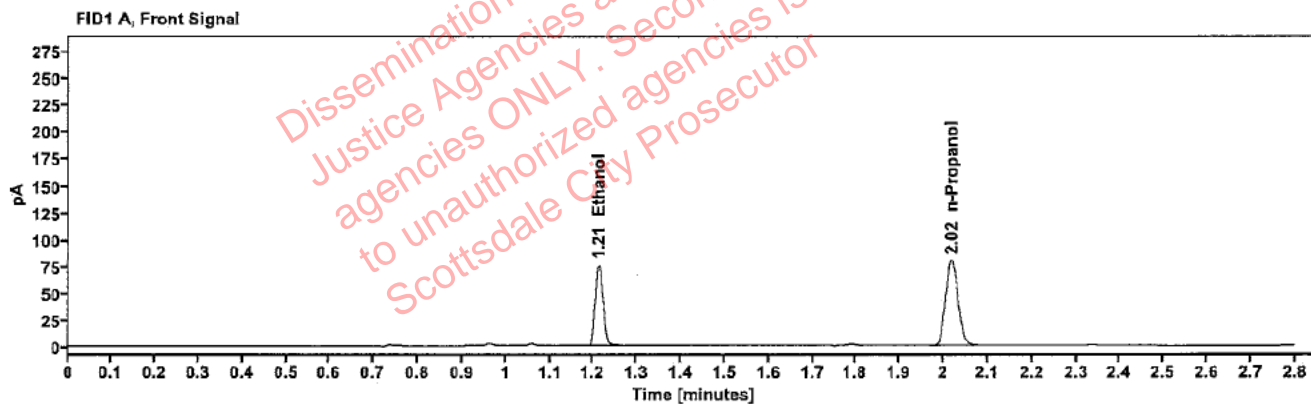


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1500           | 1.212      | 96.653    |
| n-Propanol | —                | 2.018      | 159.538   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.361      | 106.221   |
| n-Propanol | 2.440      | 173.086   |

Brooke, Phillip - (10-Jan-2024)

Case: User: pbrooke 1/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2400003-1                     | Vial:           | 56                  |
| Description: |                               | LIMS ID:        |                     |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 7:36:44 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\56.D | Analyst:        | Brooke              |

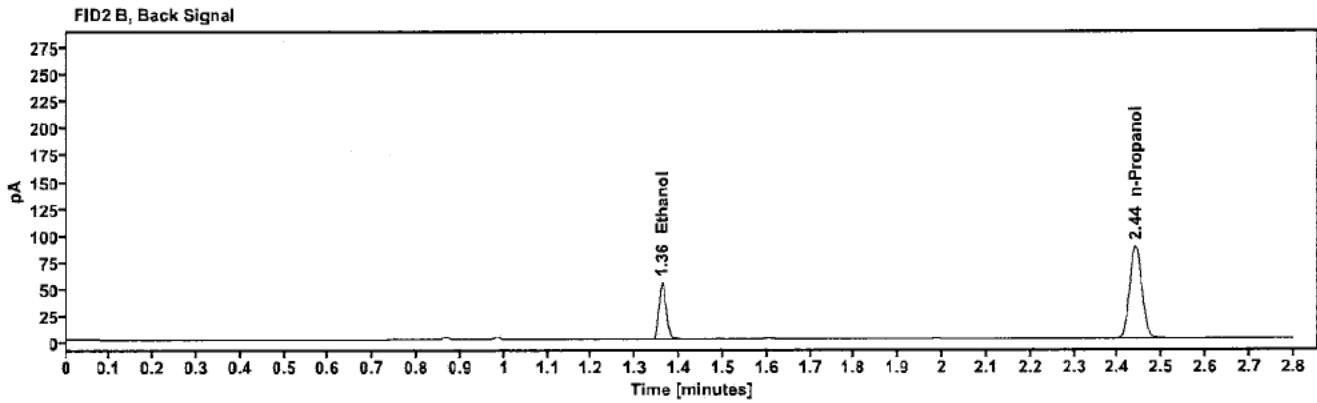
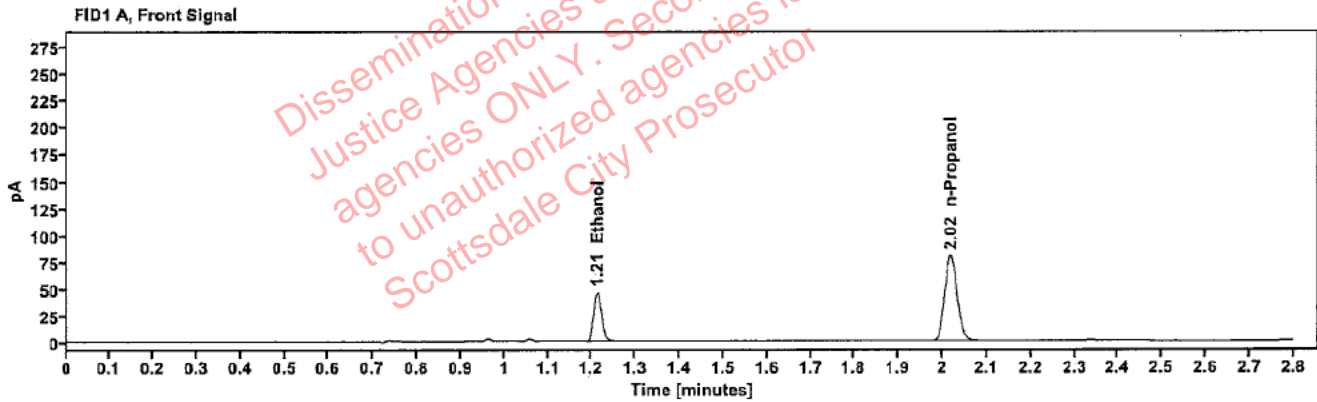


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.0922           | 1.212      | 58.977    |
| n-Propanol | ---              | 2.018      | 159.343   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.361      | 64.844    |
| n-Propanol | 2.440      | 173.096   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2400003-1                     | Vial:           | 57                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 7:40:43 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\57.D | Analyst:        | Brooke              |

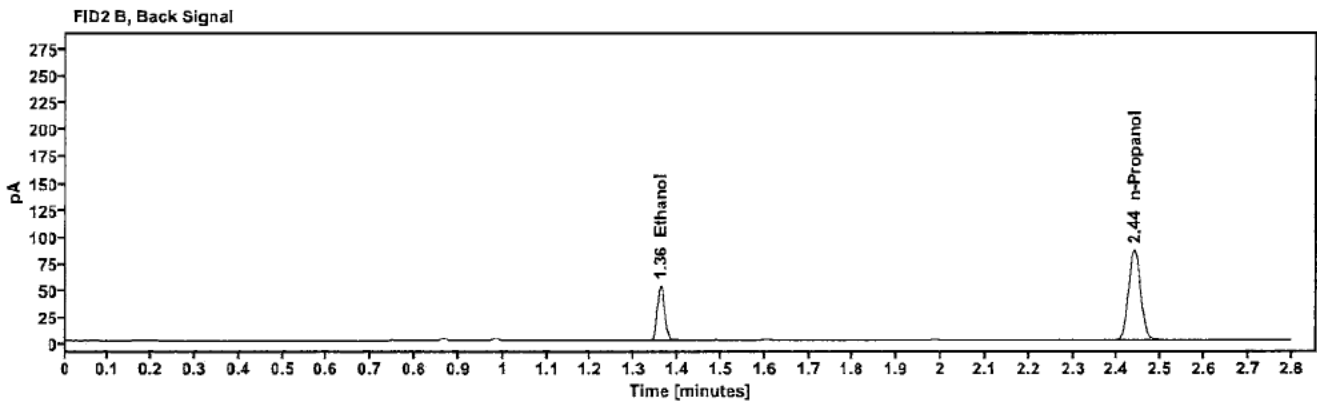
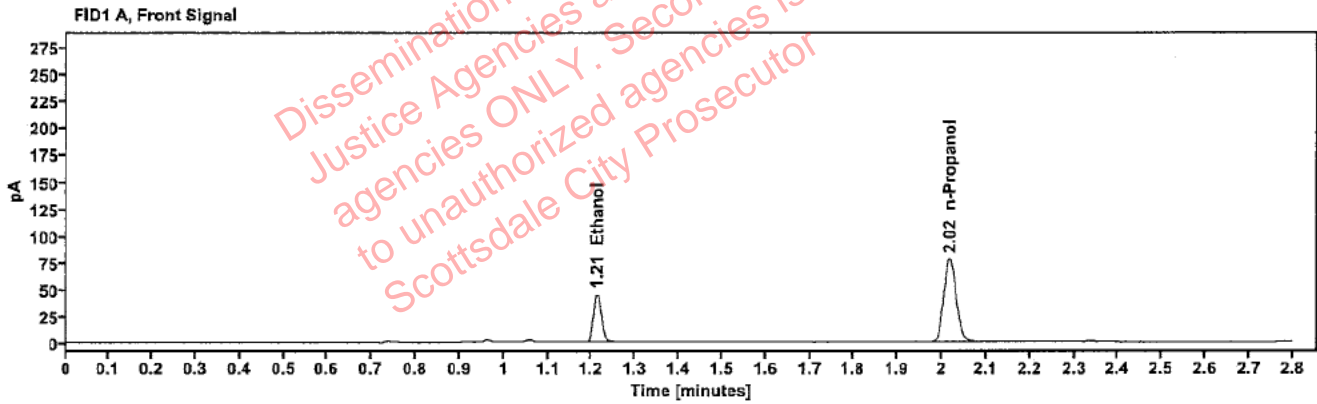


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.0921           | 1.212      | 57.387    |
| n-Propanol | ---              | 2.018      | 155.203   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.360      | 63.070    |
| n-Propanol | 2.439      | 169.029   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2326818-1                     | Vial:           | 58                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 7:44:44 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\58.D | Analyst:        | Brooke              |

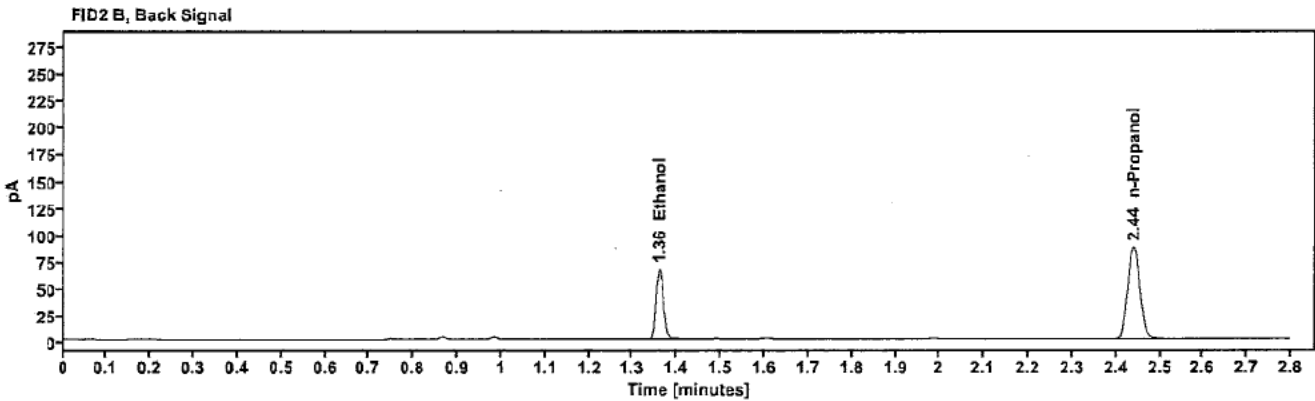
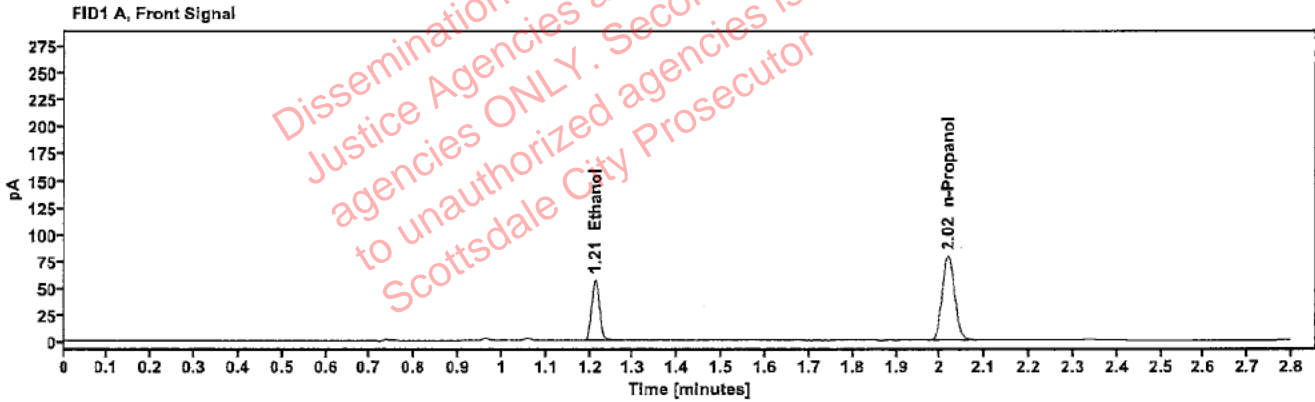


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1144           | 1.212      | 72.785    |
| n-Propanol | -----            | 2.018      | 158.003   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.361      | 80.222    |
| n-Propanol | 2.439      | 171.815   |

Brooke, Phillip - (10-Jan-2024)

Case [redacted] User: pbrooke 1/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2326818-1                     | Vial:           | 59                  |
| Description: | [redacted]                    | LIMS ID:        | [redacted]          |
| Method:      | ethanol quant                 | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 7:48:43 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\59.D | Analyst:        | Brooke              |

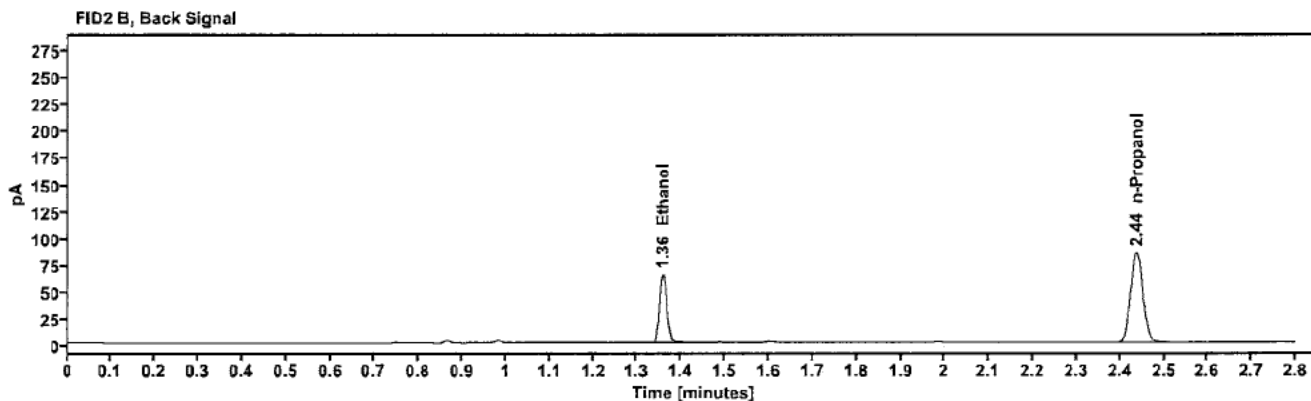
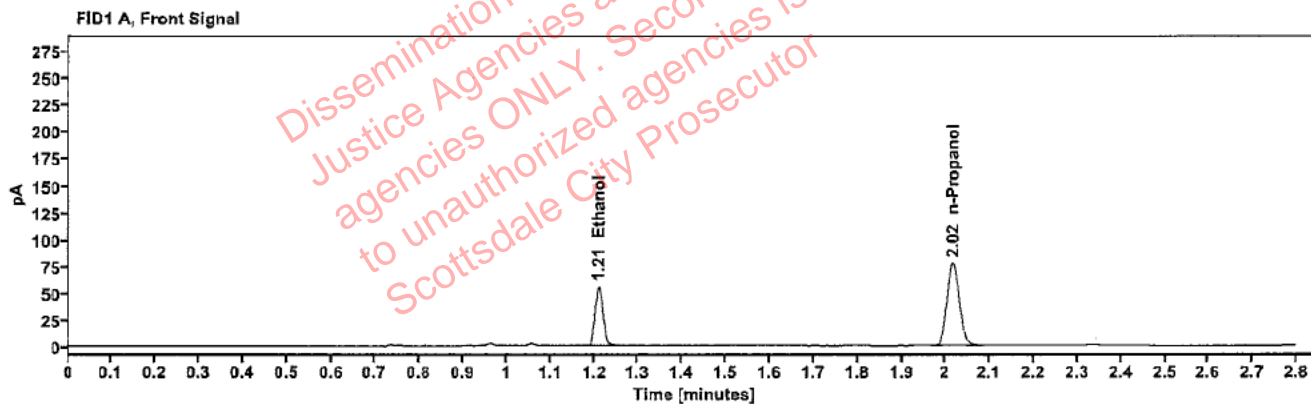


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1133           | 1.210      | 70.257    |
| n-Propanol | -----            | 2.016      | 153.999   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.358      | 77.366    |
| n-Propanol | 2.437      | 167.828   |

Brooke, Phillip - (10-Jan-2024)

Case: [REDACTED] User: pbrooke 1/10/2024

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2400077-1                     | Vial:           | 60                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.m               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 7:52:43 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\60.D | Analyst:        | Brooke              |

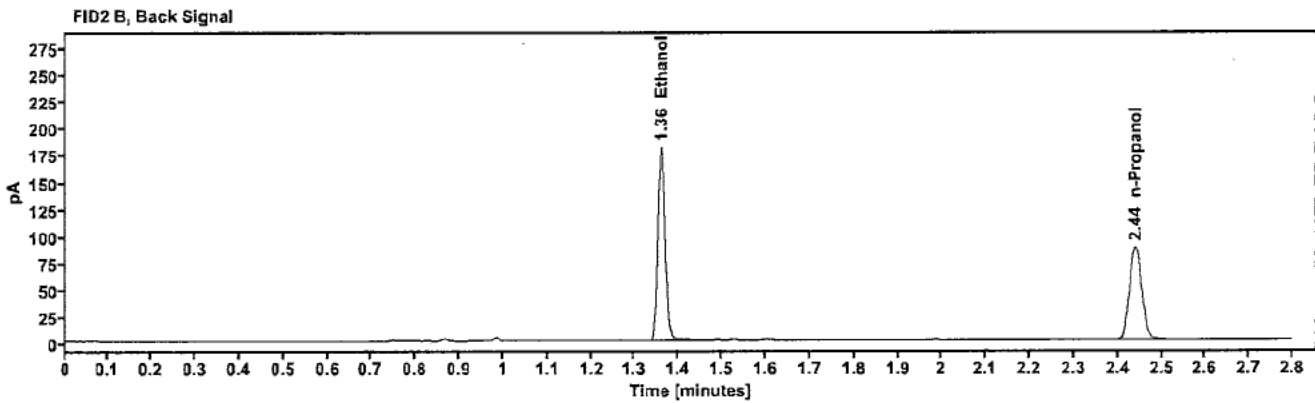
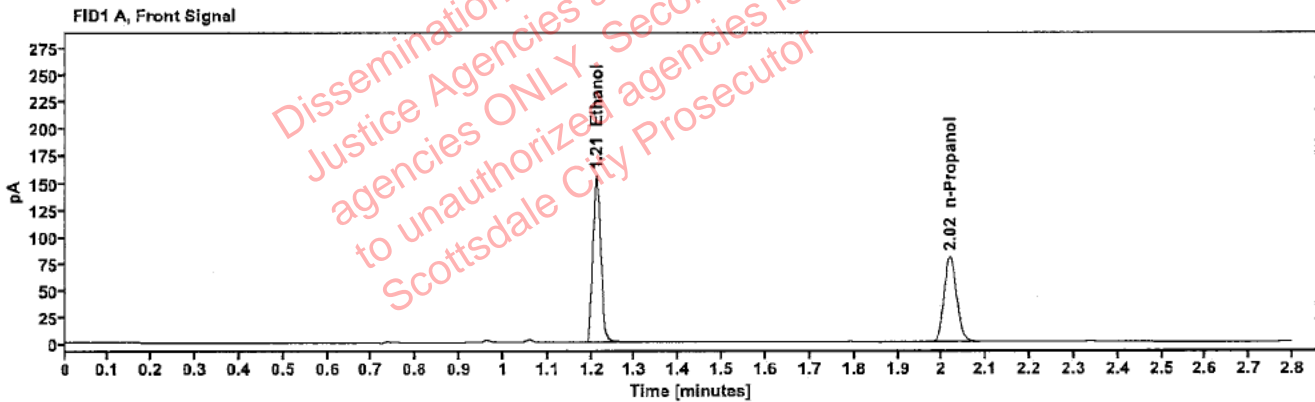


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.3067           | 1.212      | 198.533   |
| n-Propanol | ---              | 2.018      | 159.549   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.361      | 219.880   |
| n-Propanol | 2.440      | 173.701   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2400077-1                     | Vial:           | 61                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 7:56:58 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\61.D | Analyst:        | Brooke              |

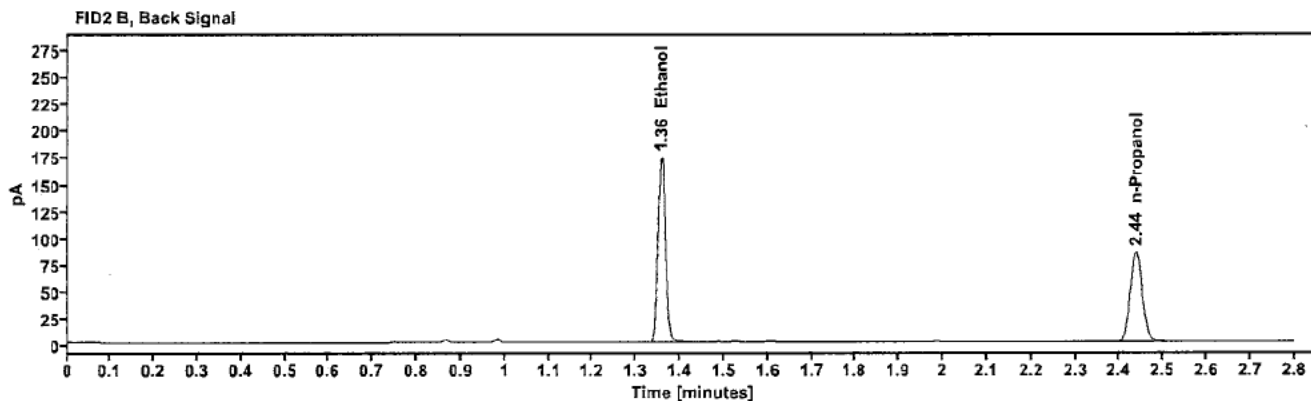
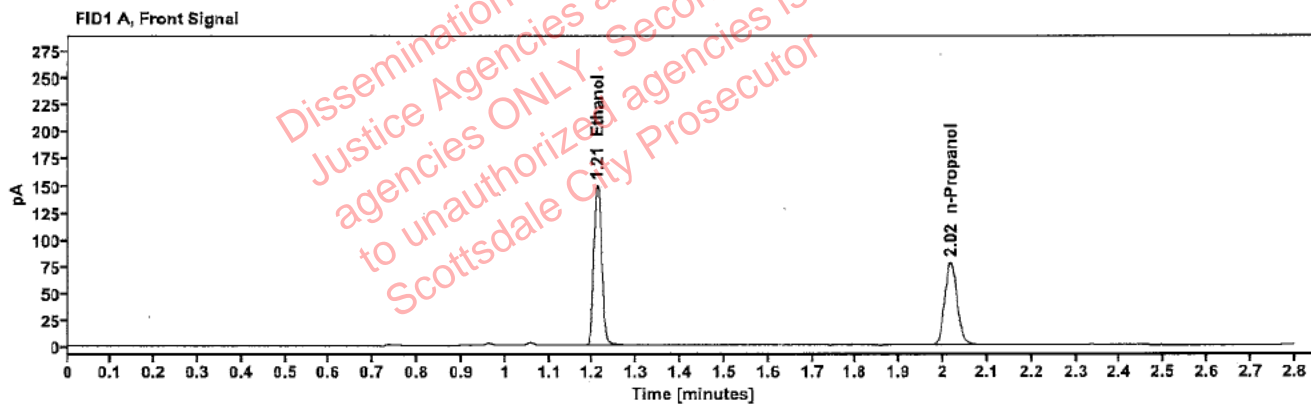


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.3049           | 1.210      | 188.606   |
| n-Propanol | —                | 2.017      | 152.485   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.358      | 208.653   |
| n-Propanol | 2.438      | 166.757   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2400015-1                     | Vial:           | 62                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 8:00:58 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\62.D | Analyst:        | Brooke              |

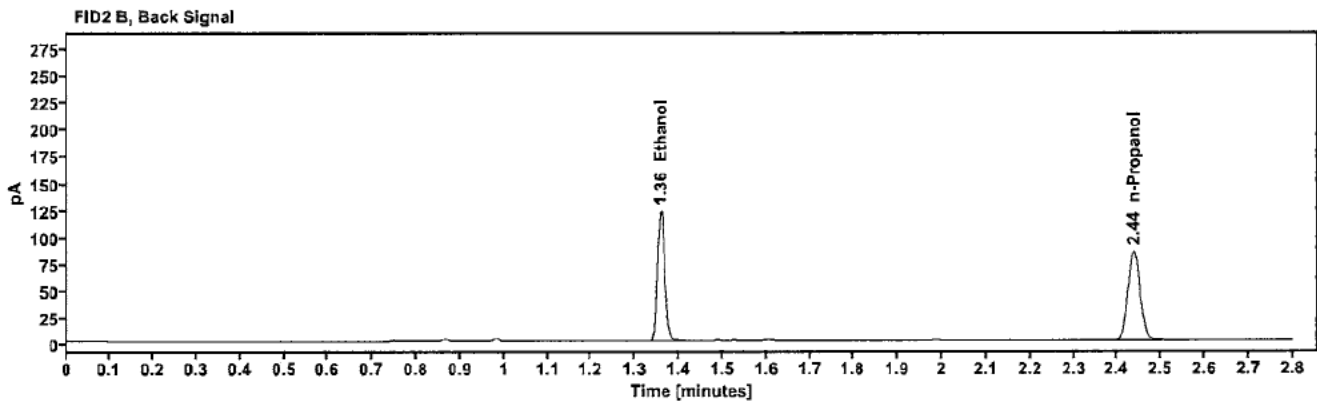
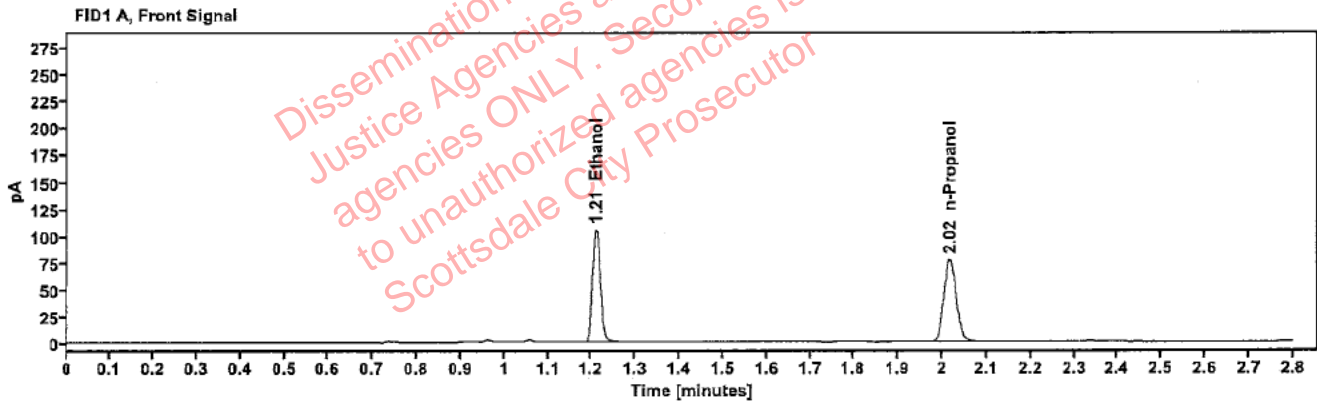


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2143           | 1.210      | 133.098   |
| n-Propanol | -----            | 2.016      | 153.404   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.358      | 146.444   |
| n-Propanol | 2.437      | 166.415   |



### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                     |
|--------------|-------------------------------|-----------------|---------------------|
| Sample:      | 2400015-1                     | Vial:           | 63                  |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]          |
| Method:      | ethanol quant.M               | Sequence:       | 09Jan24             |
| Instrument:  | US14173023 CN14160045         | Injection date: | 1/9/2024 8:04:58 PM |
| Data file:   | C:\Chem32\1\Data\09Jan24\63.D | Analyst:        | Brooke              |

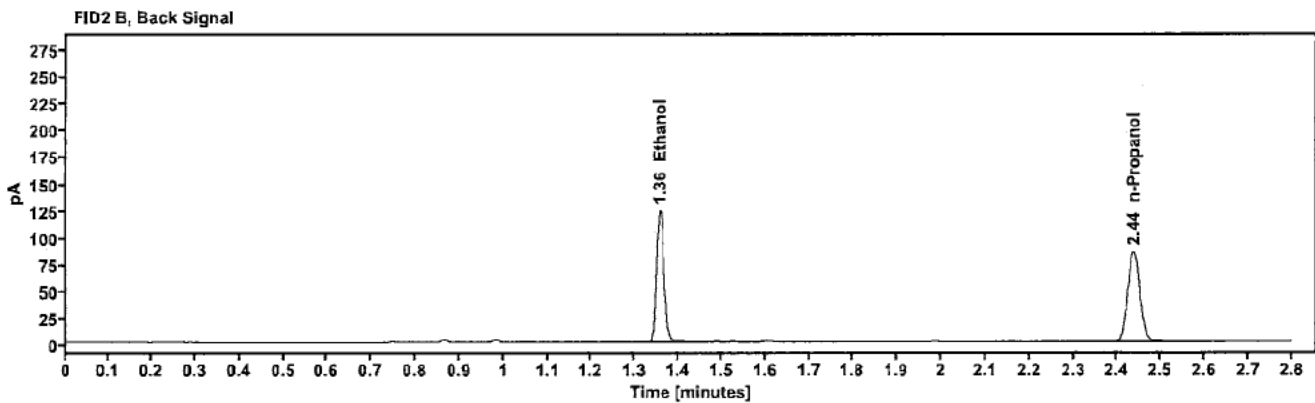
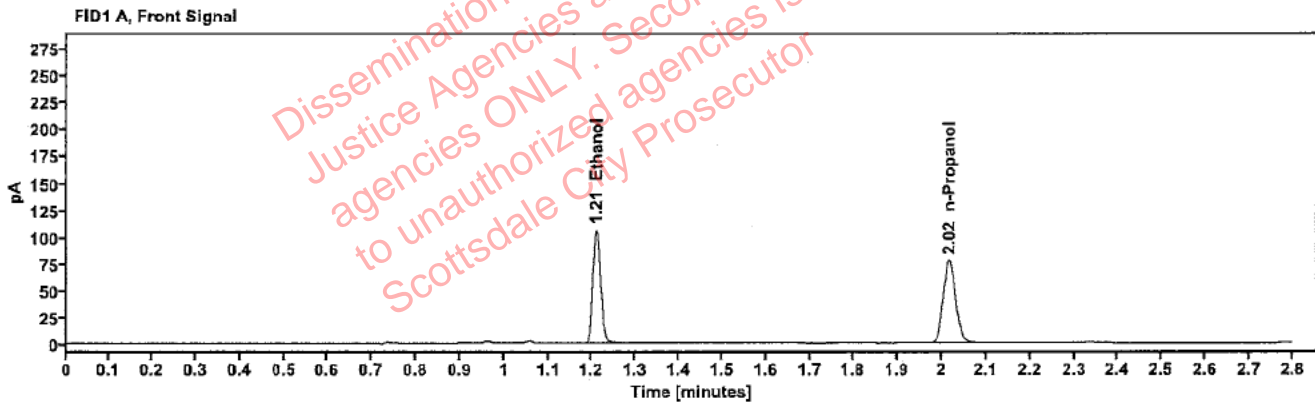


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2146           | 1.210      | 134.037   |
| n-Propanol | ---              | 2.016      | 154.259   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.357      | 147.713   |
| n-Propanol | 2.437      | 167.454   |