

# SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 9/28/21 SEQUENCE NAME 28Sep21

**EQUIPMENT**

Pipettor  Hamilton ML600EH7497  Hamilton ML600GJ10749  
 Gas Chromatograph  Agilent US14173023

**INSTRUMENT CALIBRATION**

Vial 1 0.02 calibrator Lot FN06141806 Coefficient of determination (r<sup>2</sup>)  
 Vial 2 0.10 calibrator Lot FN05311902 0.99993  
 Vial 3 0.20 calibrator Lot FN05101903  
 Vial 4 0.40 calibrator Lot FN10051906

**CALIBRATION VERIFICATION AND RESOLUTION TEST**

| Vial | Sample          | Expected result | Measured result | Manufacturer/lot   |
|------|-----------------|-----------------|-----------------|--------------------|
| 5    | Blank           | Not detected    | Not detected    | SPD lab 071521AQ   |
| 6    | Volatiles mix   | 6 compounds     | 6 compounds     | SPD lab 050721MIX  |
| 7    | Aqueous control | 0.400 g/dL      | 0.390 g/dL      | Lipomed 11092018-A |
| 8    | Aqueous control | 0.040 g/dL      | 0.041 g/dL      | Lipomed 14082019-B |
| 9    | Blood control   | 0.200 g/dL      | 0.197 g/dL      | ACQ 4101018274/9   |
| 20   | Aqueous control | 0.080 g/dL      | 0.079 g/dL      | Lipomed 20012020-B |
| 31   | Blood control   | 0.200 g/dL      | 0.199 g/dL      | ACQ 4101018274/9   |
| 42   | Aqueous control | 0.080 g/dL      | 0.079 g/dL      | Lipomed 20012020-B |
| 53   | Aqueous control | 0.400 g/dL      | 0.403 g/dL      | Lipomed 11092018-A |
| 54   | Aqueous control | 0.040 g/dL      | 0.041 g/dL      | Lipomed 14082019-B |
| 55   | Blood control   | 0.200 g/dL      | 0.200 d/dL      | ACQ 4101018274/9   |
| 56   | Blank           | Not detected    | Not detected    | SPD lab 111020WB   |
|      |                 |                 |                 |                    |
|      |                 |                 |                 |                    |
|      |                 |                 |                 |                    |
|      |                 |                 |                 |                    |
|      |                 |                 |                 |                    |

**SUBJECT SAMPLES**

Subjects in the sequence 20 Subjects requiring reanalysis 0

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

Run valid  Run invalid  Chris Brooke Analyst  
 Run valid  Run invalid  Erika Canonico Technical Reviewer

# Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

713

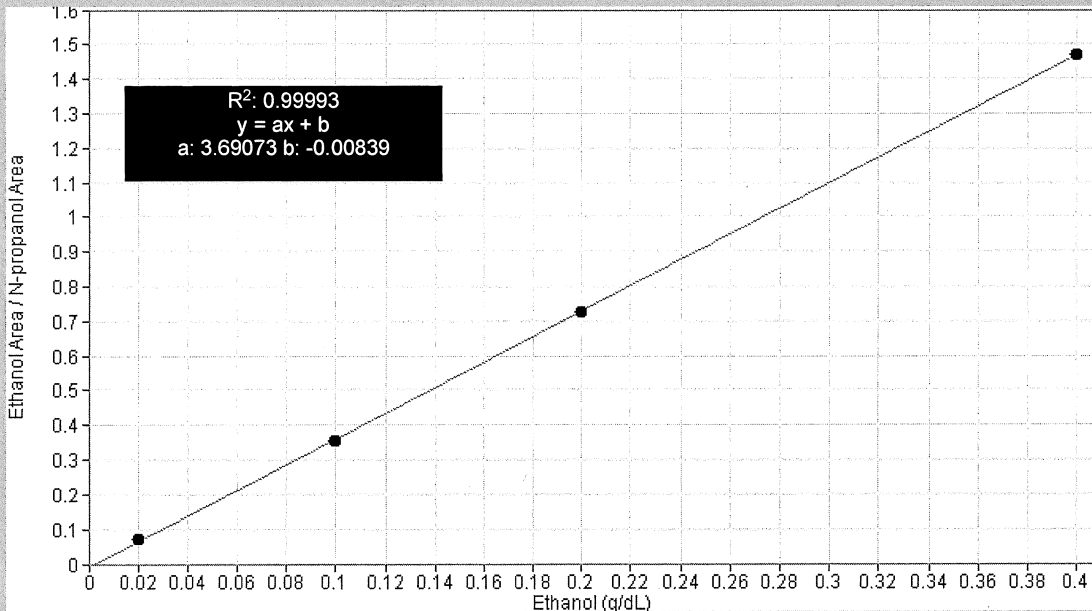
SEQUENCE NAME: 28Sep21

ANALYST: Brooke

| Sample Name        | Vial | Measured Value (g/dL) | Expected Value (g/dL) | Percent Difference | Absolute Difference (g/dL) |
|--------------------|------|-----------------------|-----------------------|--------------------|----------------------------|
| blank 071521AQ     | 5    | negative              | negative              | -                  | -                          |
| 0.400 11092018-A   | 7    | 0.390                 | 0.400                 | 2.50               | -0.010                     |
| 0.040 14082019-B   | 8    | 0.041                 | 0.040                 | 2.50               | 0.001                      |
| 0.200 4101018274/9 | 9    | 0.197                 | 0.200                 | 1.50               | -0.003                     |
| 0.080 20012020-B   | 20   | 0.079                 | 0.080                 | 1.25               | -0.001                     |
| 0.200 4101018274/9 | 31   | 0.199                 | 0.200                 | 0.50               | -0.001                     |
| 0.080 20012020-B   | 42   | 0.079                 | 0.080                 | 1.25               | -0.001                     |
| 0.400 11092018-A   | 53   | 0.403                 | 0.400                 | 0.75               | 0.003                      |
| 0.040 14082019-B   | 54   | 0.041                 | 0.040                 | 2.50               | 0.001                      |
| 0.200 4101018274/9 | 55   | 0.200                 | 0.200                 | 0.00               | 0.000                      |
| blank 111020VWB    | 56   | negative              | negative              | -                  | -                          |

| Calibrator | Ethanol Area | N-propanol Area | Ratio |
|------------|--------------|-----------------|-------|
| 0.020      | 12.102       | 171.010         | 0.071 |
| 0.100      | 60.880       | 170.333         | 0.357 |
| 0.200      | 123.539      | 170.515         | 0.725 |
| 0.400      | 255.902      | 173.956         | 1.471 |

**Calibration Line**



# Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                             |                 |                      |
|--------------|-----------------------------|-----------------|----------------------|
| Sample:      | FN06141806                  | Vial:           | 1                    |
| Description: | 0.020 calibrator            | Sequence:       | 28Sep21              |
| Method:      | ethanol quant.M             | Injection date: | 9/28/2021 6:55:44 PM |
| Instrument:  | US14173023 CN14160045       | Analyst:        | Brooke <i>MB</i>     |
| Data file:   | C:\Chem321\Data\28Sep21\1.D |                 |                      |

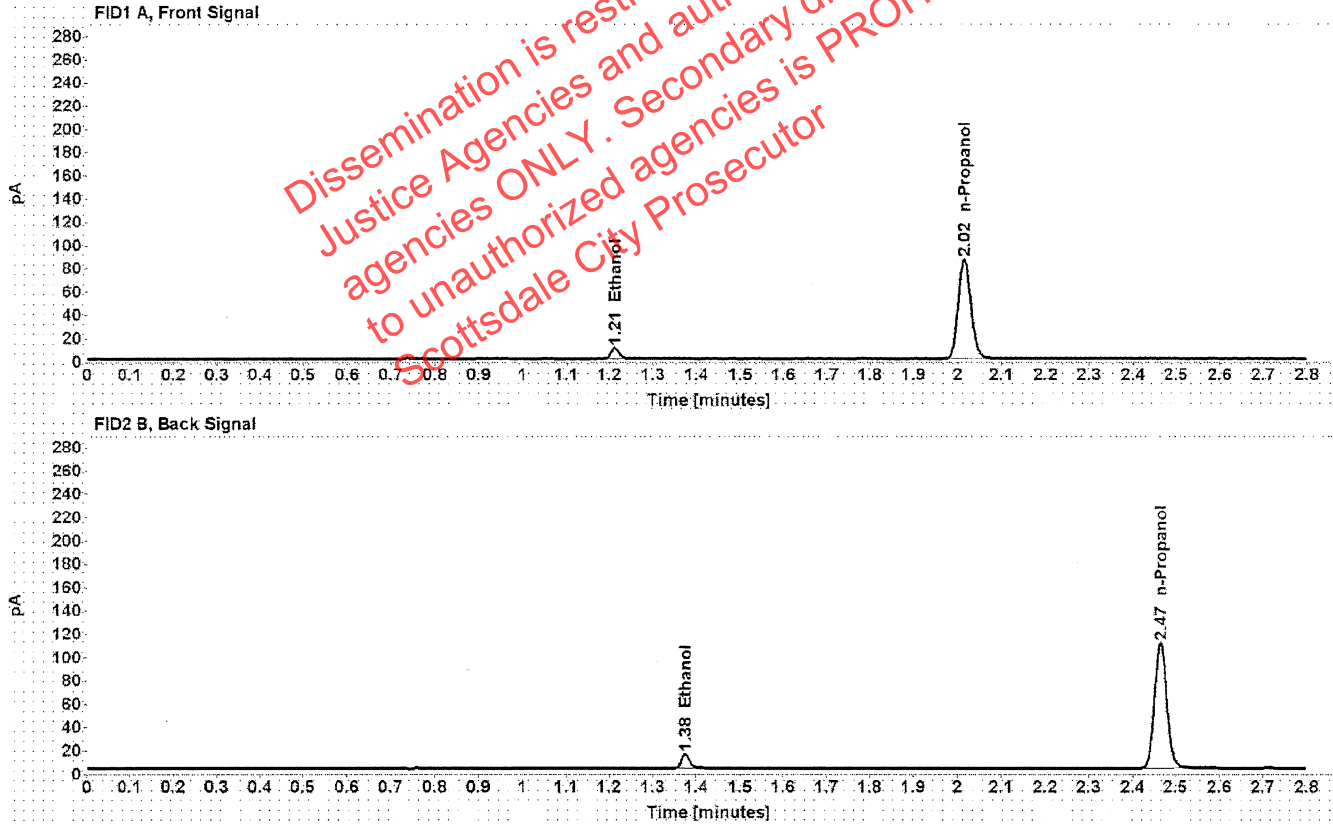


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.212      | 12.102    |
| n-Propanol | 2.015      | 171.010   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.375      | 15.240    |
| n-Propanol | 2.465      | 215.372   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|   |  |
|---|--|
| Sample: FN05311902                      | Vial: 2  |
| Description: 0.100 calibrator           | Sequence: 28Sep21                                      |
| Method: ethanol quant.M                 | Injection date: 9/28/2021 6:59:43 PM                   |
| Instrument: US14173023 CN14160045       | Analyst: Brooke <span style="float: right;">993</span> |
| Data file: C:\Chem32\1\Data\28Sep21\2.D |  |

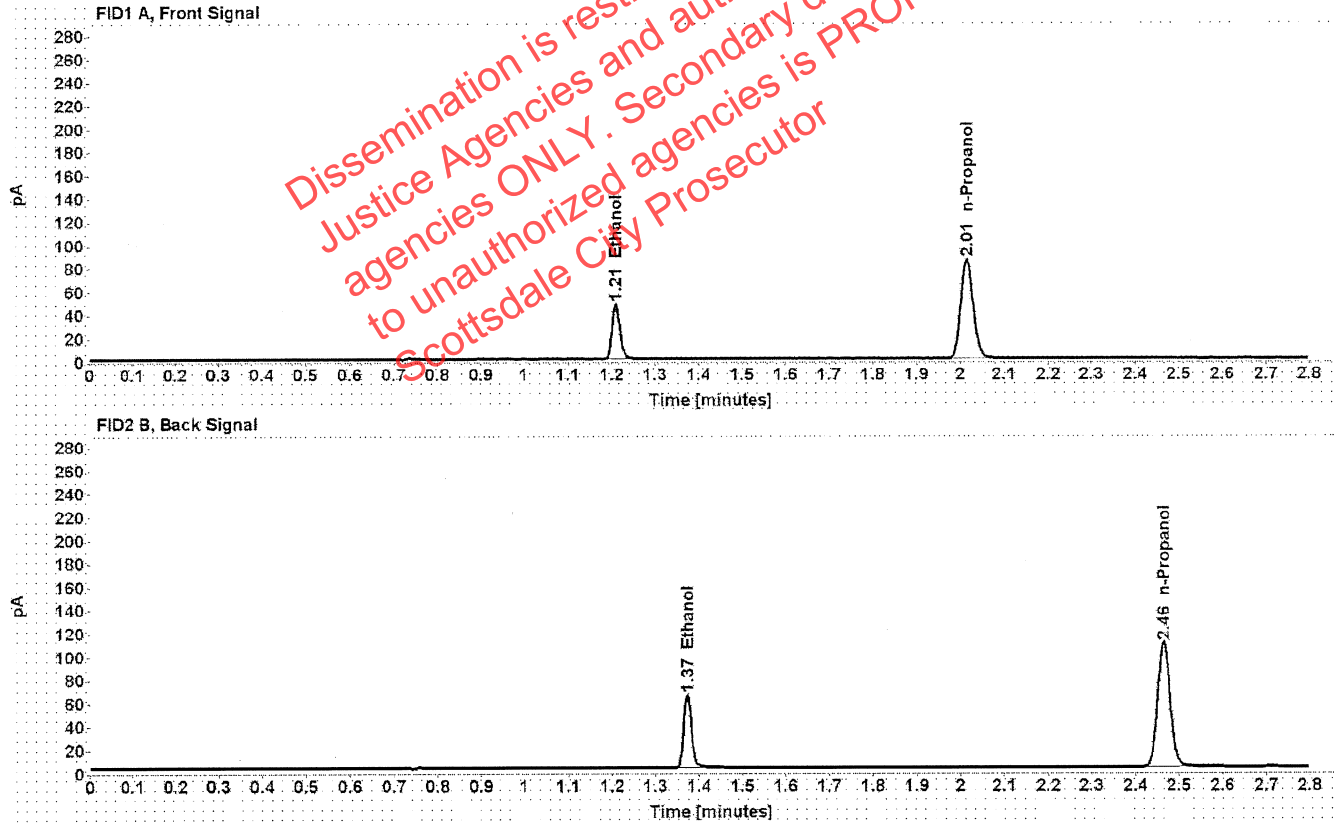


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.210      | 60.880    |
| n-Propanol | 2.015      | 170.333   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 76.735    |
| n-Propanol | 2.465      | 214.522   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                              |                 |  |
|--------------|------------------------------|-----------------|--|
| Sample:      | FN05101903                   | Vial:           | 3  |
| Description: | 0.200 calibrator             | Sequence:       | 28Sep21                                      |
| Method:      | ethanol quant.M              | Injection date: | 9/28/2021 7:03:43 PM                         |
| Instrument:  | US14173023 CN14160045        | Analyst:        | Brooke <span style="float: right;">RB</span> |
| Data file:   | C:\Chem32\1\Data\28Sep21\3.D |                 |  |

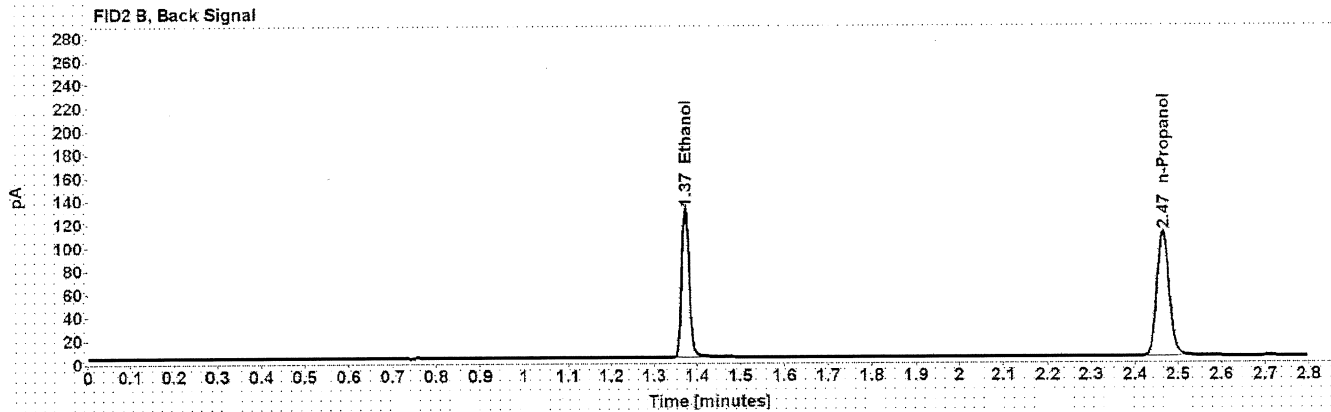
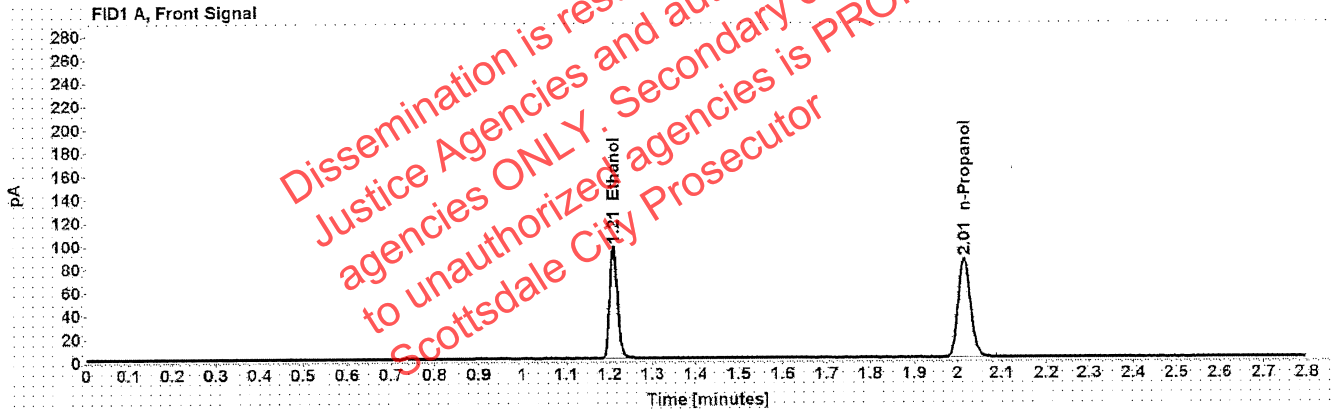


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.209      | 123.539   |
| n-Propanol | 2.015      | 170.515   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 156.307   |
| n-Propanol | 2.465      | 214.607   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                              |                 |  |
|--------------|------------------------------|-----------------|--|
| Sample:      | FN10051906                   | Vial:           | 4  |
| Description: | 0.400 calibrator             | Sequence:       | 28Sep21                                      |
| Method:      | ethanol quant.M              | Injection date: | 9/28/2021 7:07:43 PM                         |
| Instrument:  | US14173023 CN14160045        | Analyst:        | Brooke <span style="float: right;">TB</span> |
| Data file:   | C:\Chem32\1\Data\28Sep21\4.D |                 |  |

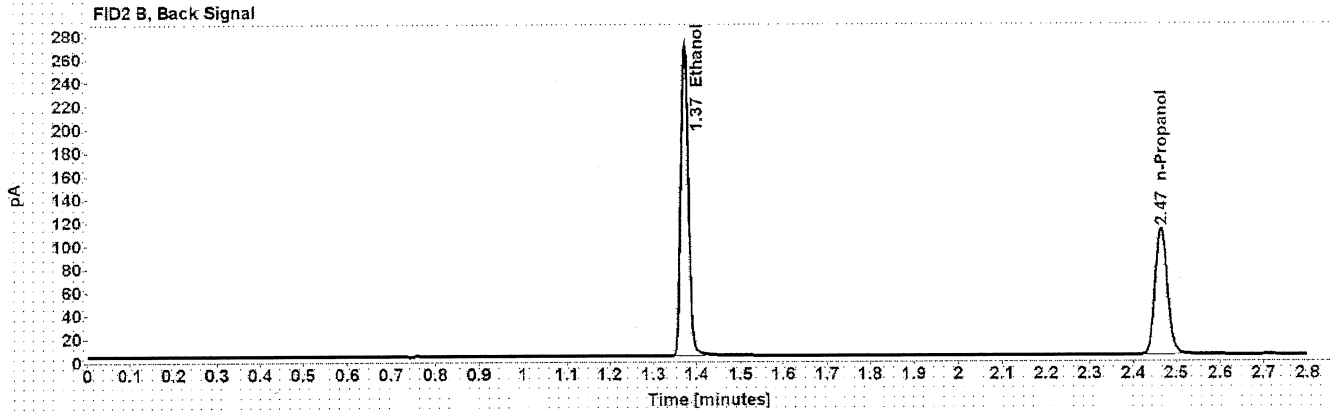
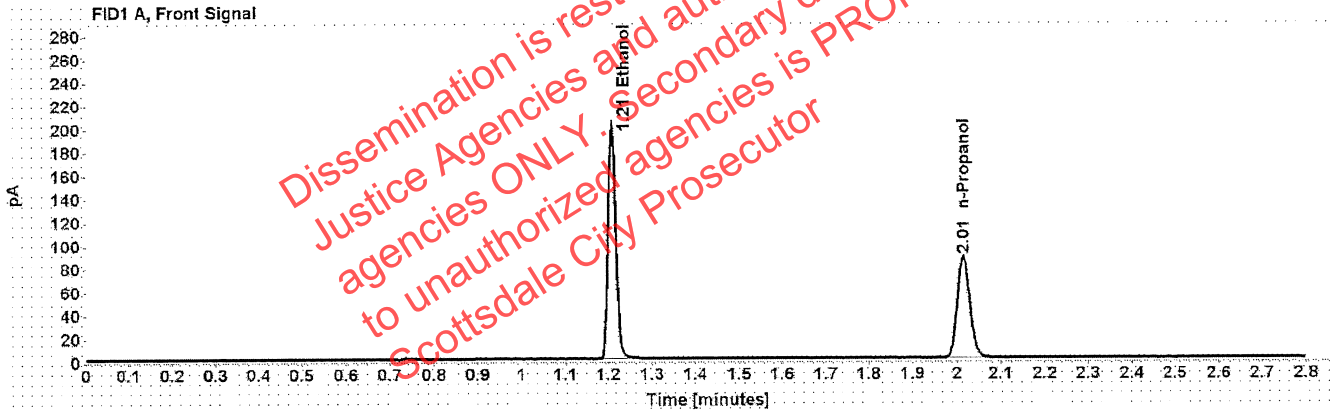


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.209      | 255.902   |
| n-Propanol | 2.015      | 173.956   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 324.105   |
| n-Propanol | 2.465      | 218.700   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|  |                                      |
|--|--------------------------------------|
| Sample: 071521AQ                       | Vial: 5                              |
| Description: Negative                  | LIMS ID:                             |
| Method: ethanol quant.M                | Sequence: 28Sep21                    |
| Instrument: US14173023 CN14160045      | Injection date: 9/28/2021 7:11:43 PM |
| Data file: C:\Chem321\Data\28Sep21\5.D | Analyst: Brooke <sup>Y93</sup>       |

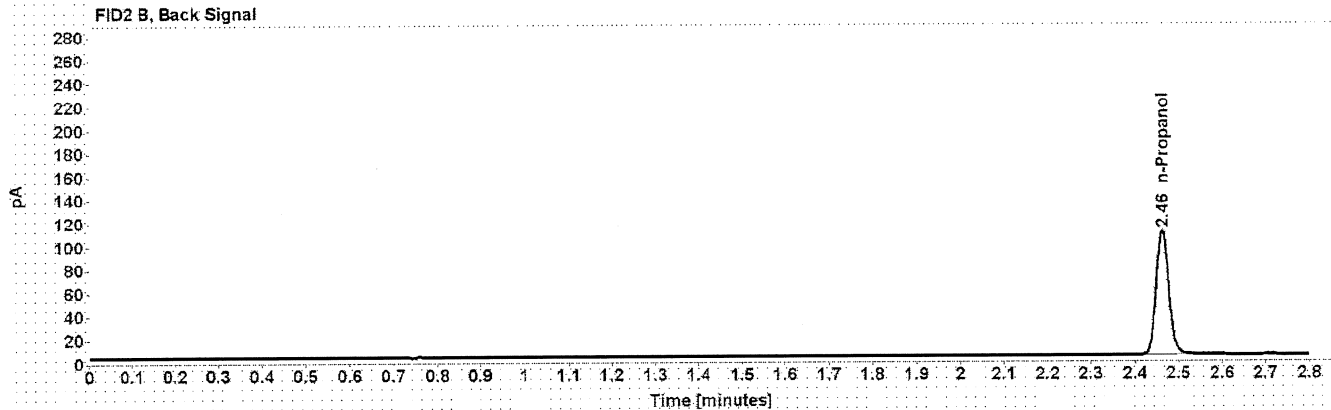
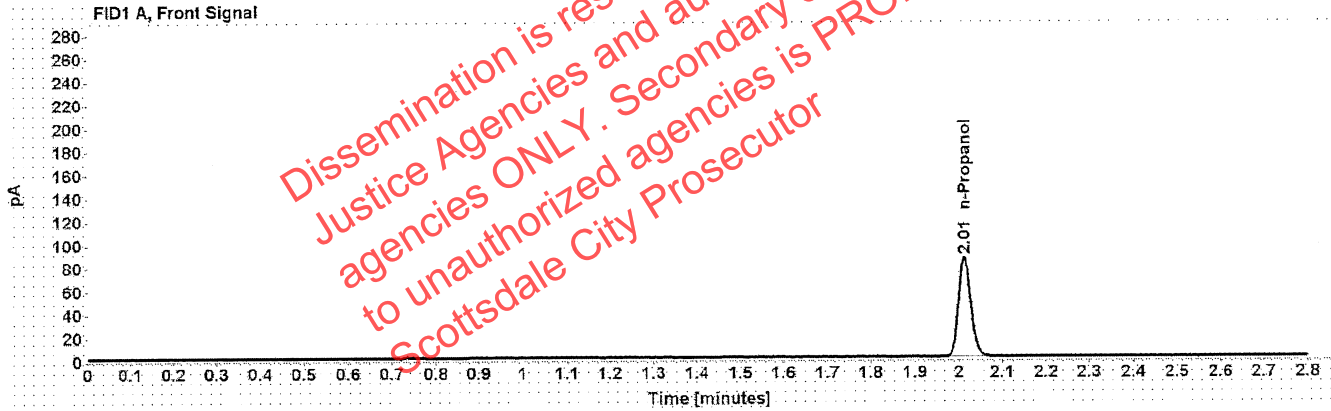


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | -----            | 2.013      | 170.705   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.463      | 214.592   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|   |                                      |
|---|--------------------------------------|
| Sample: 050721MIX                       | Vial: 6                              |
| Description: Volatiles mix              | LIMS ID:                             |
| Method: ethanol quant.M                 | Sequence: 28Sep21                    |
| Instrument: US14173023 CN14160045       | Injection date: 9/28/2021 7:15:44 PM |
| Data file: C:\Chem32\1\Data\28Sep21\6.D | Analyst: Brooke <i>PB</i>            |

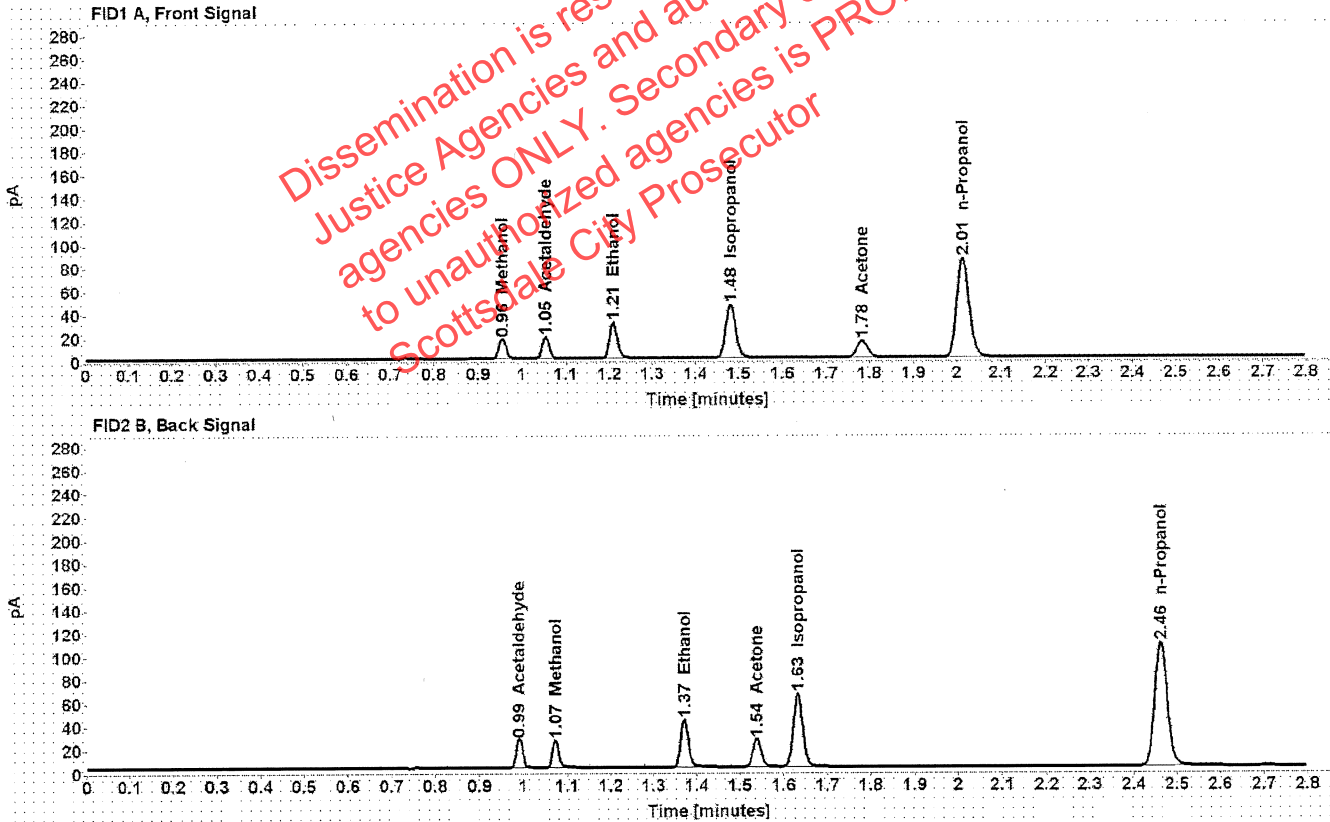


Table 1: FID 1 A (column DB-ALC1)

| Compound     | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Methanol     | -----            | 0.956      | 19.385    |
| Acetaldehyde | -----            | 1.054      | 20.335    |
| >Ethanol     | 0.0658           | 1.209      | 39.878    |
| Isopropanol  | -----            | 1.482      | 73.588    |
| Acetone      | -----            | 1.783      | 24.866    |
| n-Propanol   | -----            | 2.013      | 170.185   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.990      | 26.279    |
| Methanol     | 1.073      | 24.957    |
| Ethanol      | 1.371      | 50.317    |
| Acetone      | 1.538      | 31.417    |
| Isopropanol  | 1.633      | 94.714    |
| n-Propanol   | 2.463      | 214.066   |



# Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                              |                 |                      |
|--------------|------------------------------|-----------------|----------------------|
| Sample:      | 11092018-A                   | Vial:           | 7                    |
| Description: | 0.400                        | LIMS ID:        |                      |
| Method:      | ethanol quant.M              | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045        | Injection date: | 9/28/2021 7:19:58 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\7.D | Analyst:        | Brooke <i>RB</i>     |

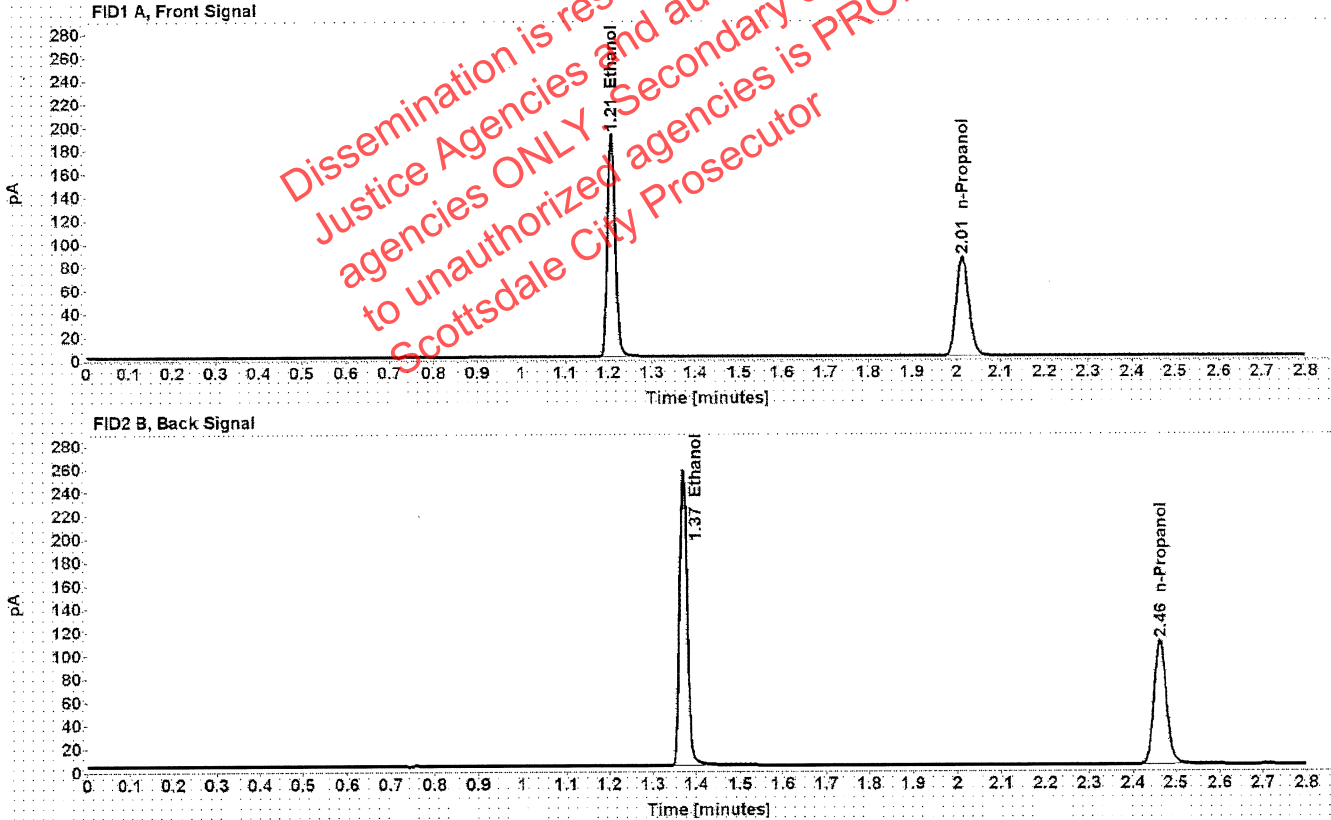


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.3905           | 1.207      | 243.750   |
| n-Propanol | -----            | 2.014      | 170.137   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.371      | 308.918   |
| n-Propanol | 2.463      | 213.898   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|   |                                      |
|---|--------------------------------------|
| Sample: 14082019-B                      | Vial: 8                              |
| Description: 0.040                      | LIMS ID:                             |
| Method: ethanol quant.M                 | Sequence: 28Sep21                    |
| Instrument: US14173023 CN14160045       | Injection date: 9/28/2021 7:23:58 PM |
| Data file: C:\Chem32\1\Data\28Sep21\8.D | Analyst: Brooke <i>BB</i>            |

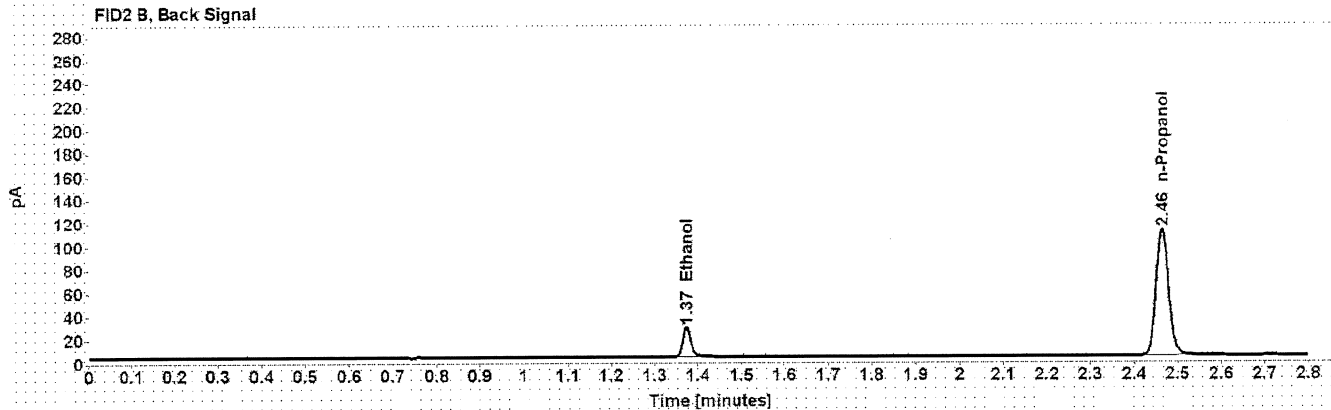
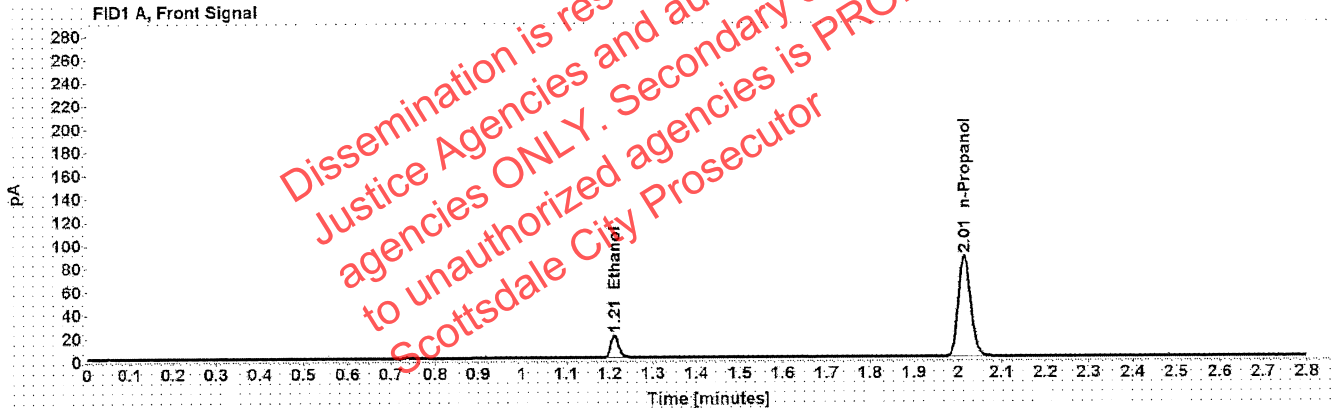


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.0415           | 1.211      | 25.086    |
| n-Propanol | -----            | 2.015      | 173.171   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.374      | 31.450    |
| n-Propanol | 2.465      | 217.848   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                              |                 |                      |
|--------------|------------------------------|-----------------|----------------------|
| Sample:      | 4101018274/9                 | Vial:           | 9                    |
| Description: | 0.200                        | LIMS ID:        |                      |
| Method:      | ethanol quant.M              | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045        | Injection date: | 9/28/2021 7:27:58 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\9.D | Analyst:        | Brooke <i>BB</i>     |

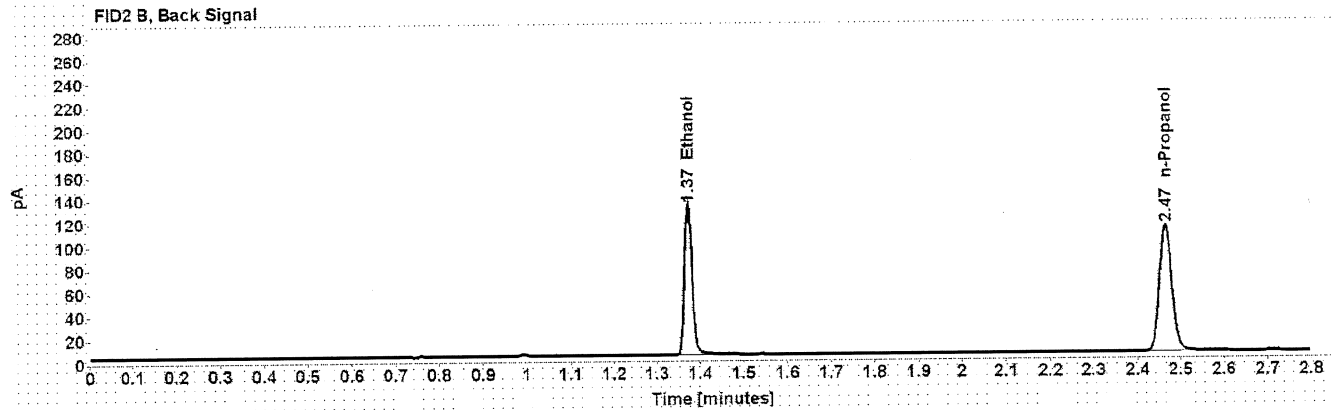
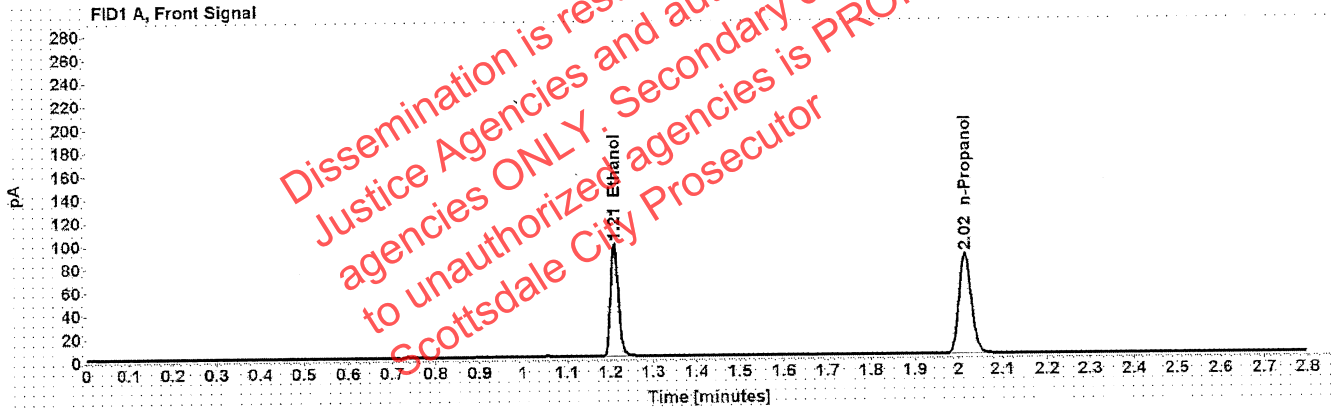


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1979           | 1.209      | 124.710   |
| n-Propanol | -----            | 2.015      | 172.726   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 157.971   |
| n-Propanol | 2.466      | 217.544   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                       |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample:      | 20012020-B                    | Vial:           | 20                    |
| Description: | 0.080                         | LIMS ID:        |                       |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21               |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 8:12:28 PM  |
| Data file:   | C:\Chem32\1\Data\28Sep21\20.D | Analyst:        | Brooke <sup>793</sup> |

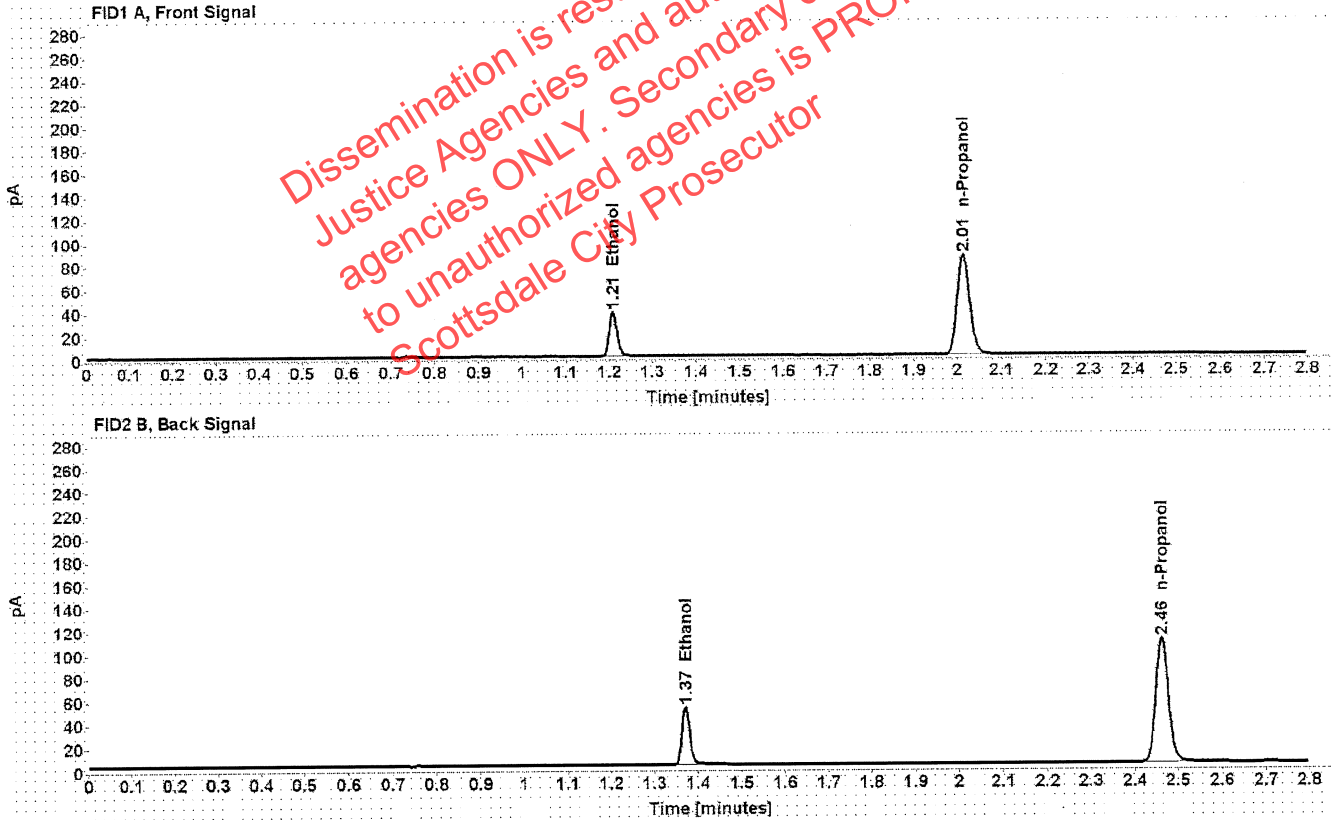


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.0792           | 1.209      | 48.571    |
| n-Propanol | -----            | 2.014      | 171.014   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.371      | 61.138    |
| n-Propanol | 2.463      | 215.185   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|  |                                      |
|--|--------------------------------------|
| Sample: 4101018274/9                     | Vial: 31                             |
| Description: 0.200                       | LIMS ID:                             |
| Method: ethanol quant.M                  | Sequence: 28Sep21                    |
| Instrument: US14173023 CN14160045        | Injection date: 9/28/2021 8:56:59 PM |
| Data file: C:\Chem32\1\Data\28Sep21\31.D | Analyst: Brooke <i>BB</i>            |

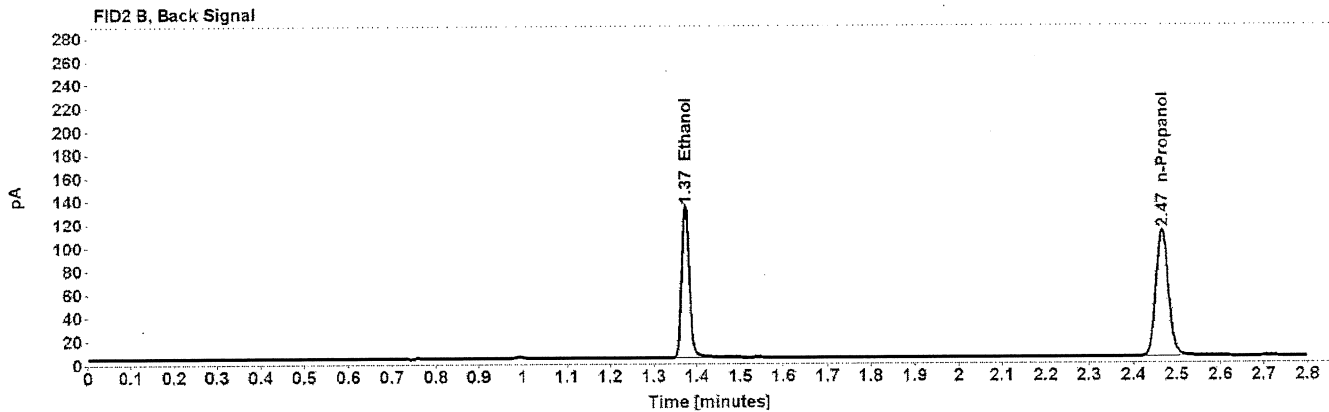
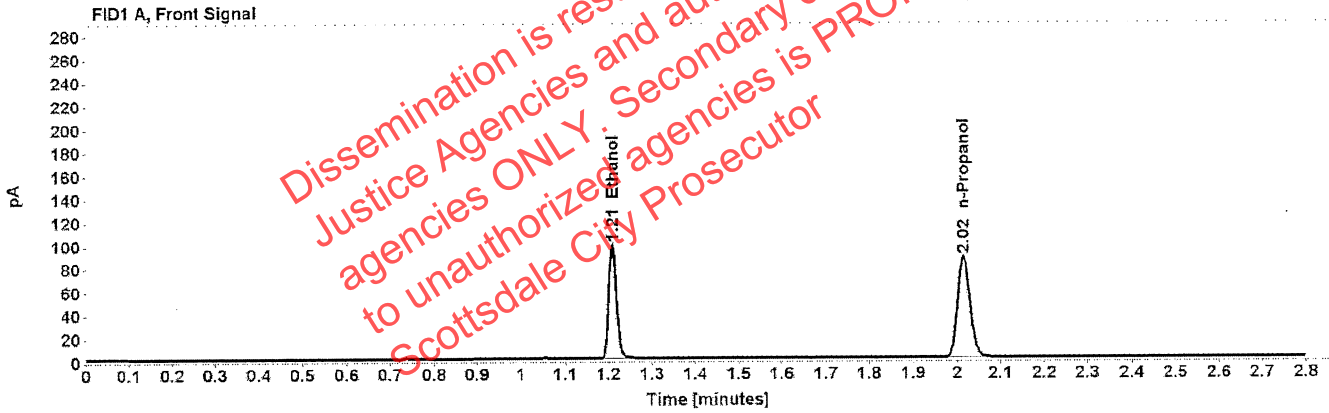


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1990           | 1.209      | 126.060   |
| n-Propanol | -----            | 2.015      | 173.632   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 159.643   |
| n-Propanol | 2.466      | 218.619   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 20012020-B                    | Vial:           | 42                   |
| Description: | 0.080                         | LIMS ID:        |                      |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 9:41:13 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\42.D | Analyst:        | Brooke <i>MB</i>     |

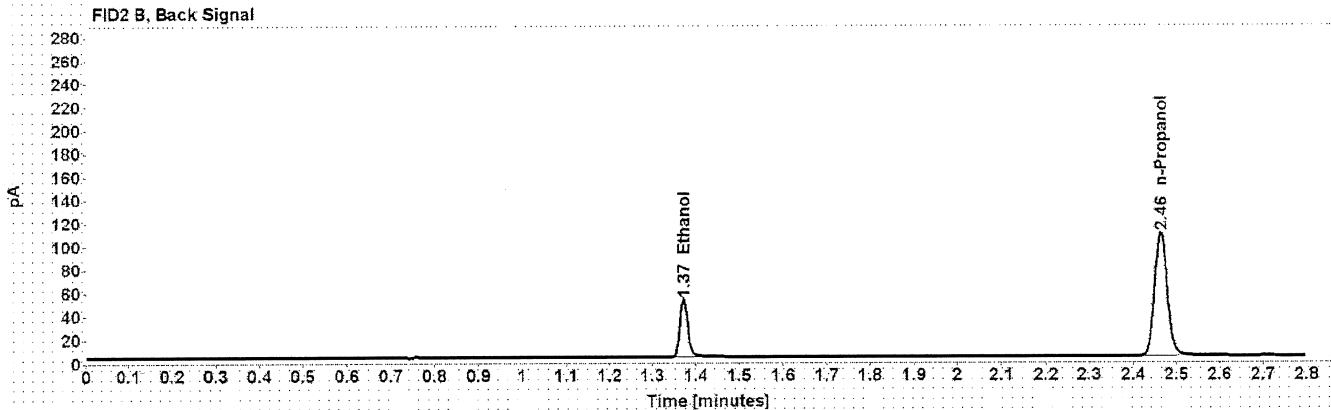
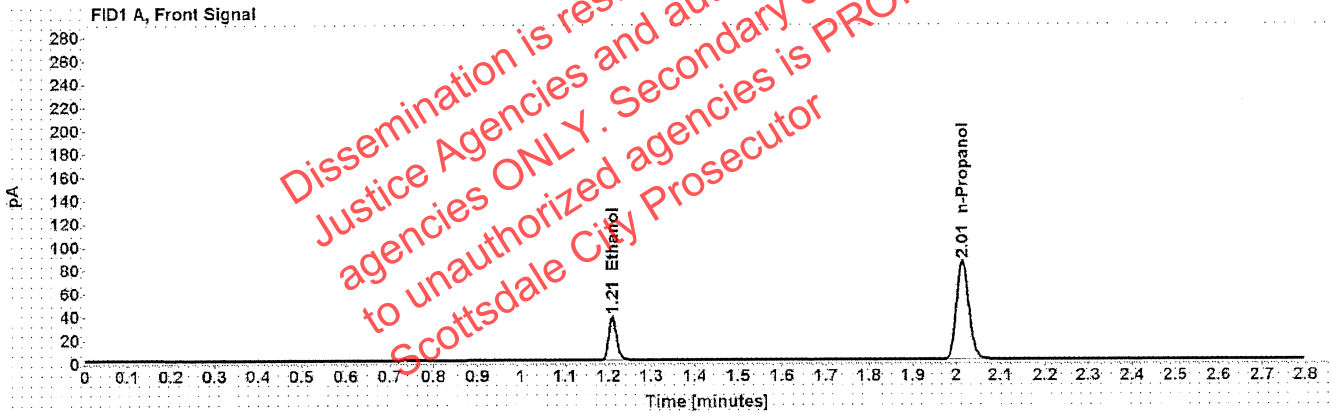


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount<br>(g/100mL) | Time<br>(min) | Peak<br>Area |
|------------|---------------------|---------------|--------------|
| >Ethanol   | 0.0793              | 1.209         | 48.229       |
| n-Propanol | -----               | 2.014         | 169.574      |

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

| Compound   | Time<br>(min) | Peak<br>Area |
|------------|---------------|--------------|
| Ethanol    | 1.372         | 60.733       |
| n-Propanol | 2.464         | 213.457      |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                       |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample:      | 11092018-A                    | Vial:           | 53                    |
| Description: | 0.400                         | LIMS ID:        |                       |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21               |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 10:25:43 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\53.D | Analyst:        | Brooke <i>BB</i>      |

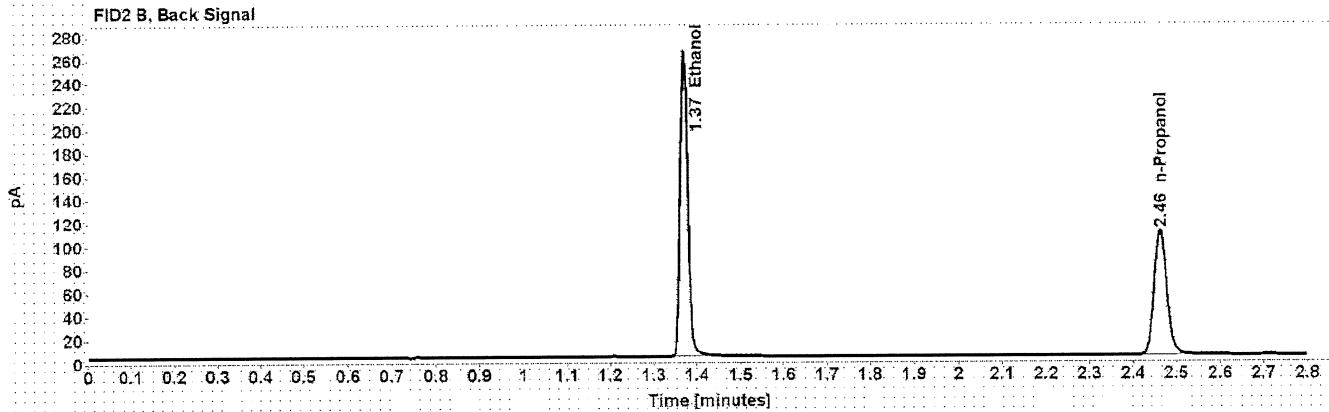
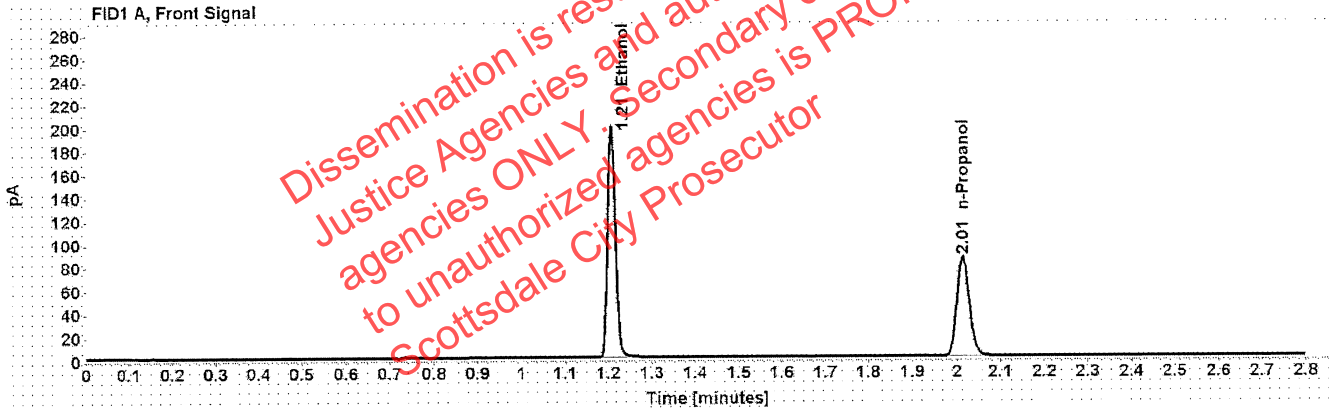


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.4033           | 1.207      | 252.729   |
| n-Propanol | -----            | 2.014      | 170.760   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.371      | 320.731   |
| n-Propanol | 2.464      | 215.062   |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                       |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample:      | 14082019-B                    | Vial:           | 54                    |
| Description: | 0.040                         | LIMS ID:        |                       |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21               |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 10:29:44 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\54.D | Analyst:        | Brooke <i>KB</i>      |

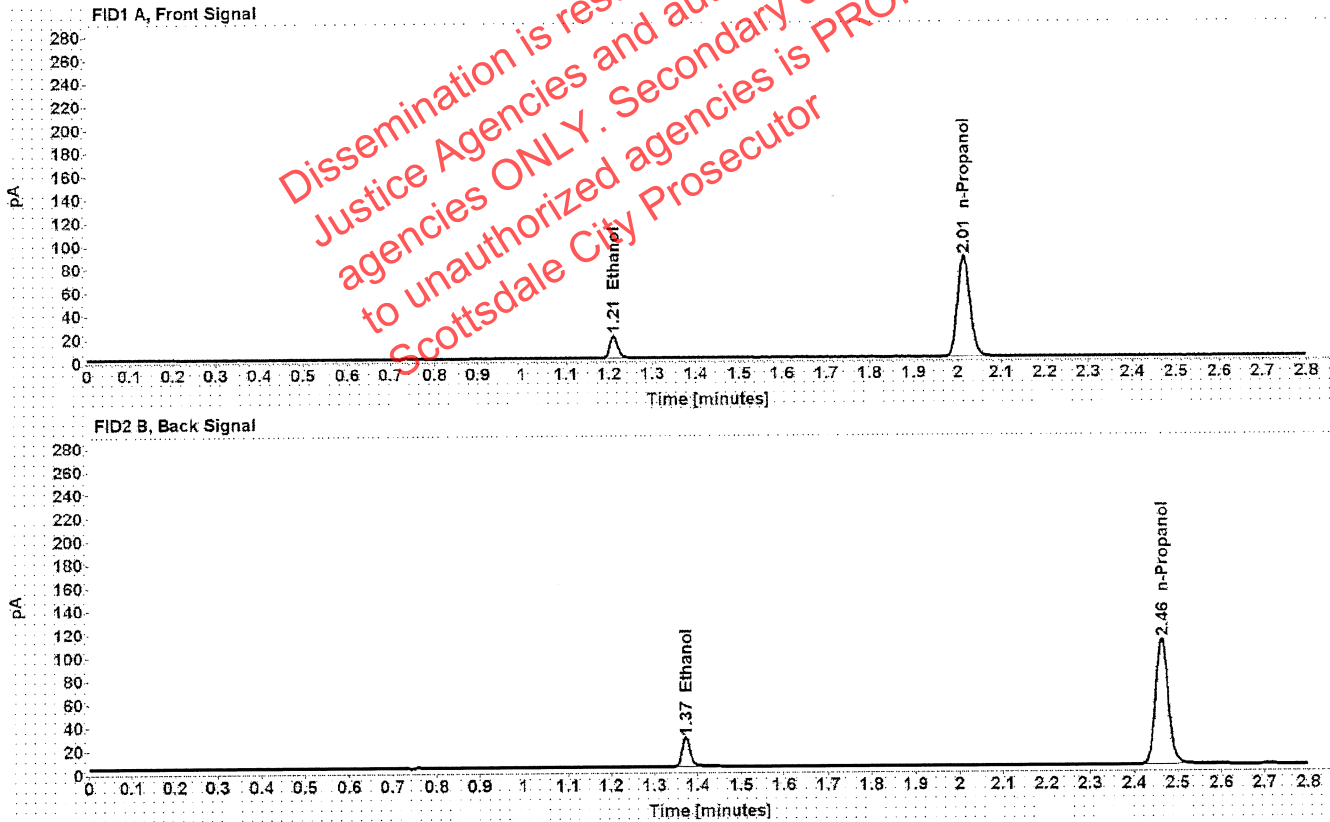


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.0411           | 1.210      | 24.772    |
| n-Propanol | -----            | 2.014      | 172.998   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.372      | 31.152    |
| n-Propanol | 2.463      | 217.679   |



# Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                       |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample:      | 4101018274/9                  | Vial:           | 55                    |
| Description: | 0.200                         | LIMS ID:        |                       |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21               |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 10:33:59 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\55.D | Analyst:        | Brooke                |

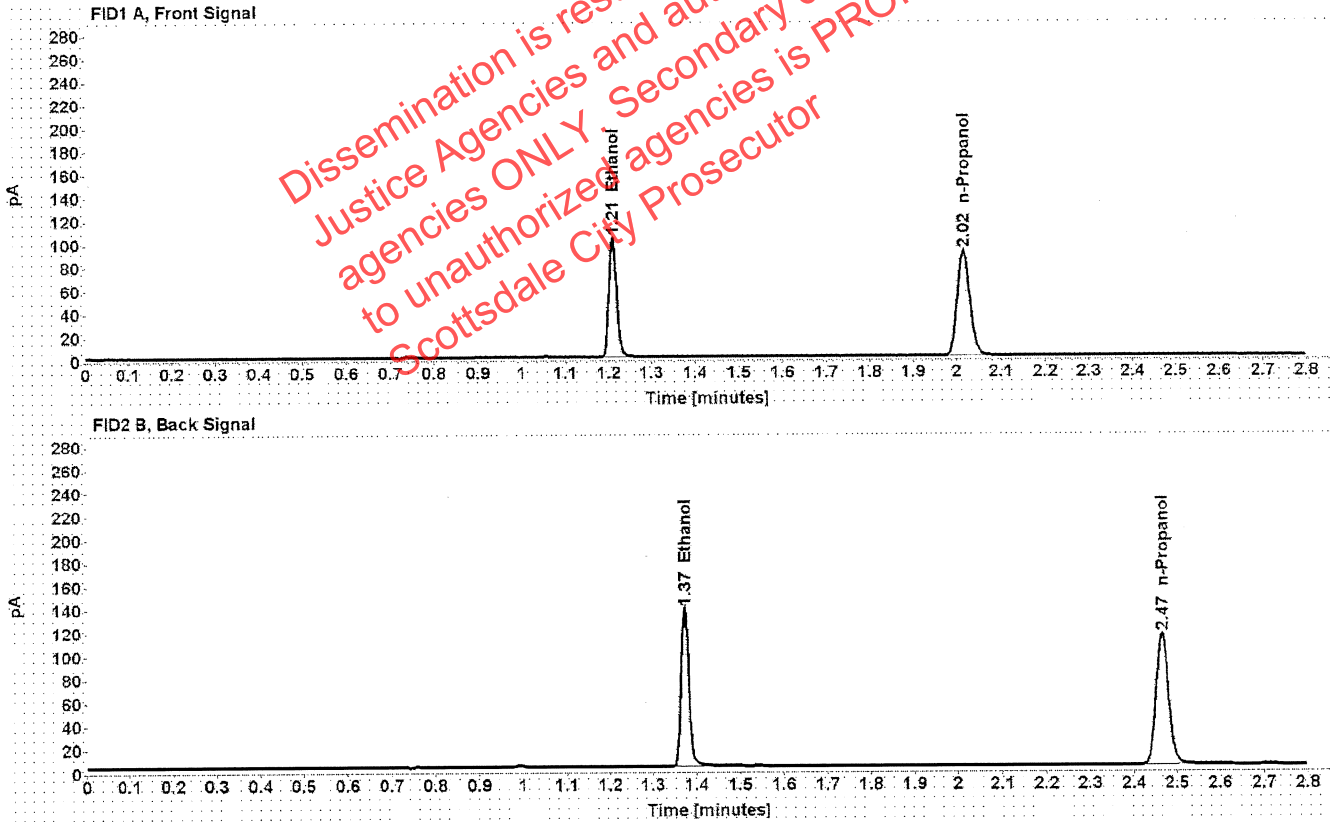


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount<br>(g/100mL) | Time<br>(min) | Peak<br>Area |
|------------|---------------------|---------------|--------------|
| >Ethanol   | 0.2002              | 1.209         | 131.696      |
| n-Propanol | -----               | 2.015         | 180.244      |

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

| Compound   | Time<br>(min) | Peak<br>Area |
|------------|---------------|--------------|
| Ethanol    | 1.373         | 166.852      |
| n-Propanol | 2.465         | 226.981      |

# Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                       |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample:      | 111020WB                      | Vial:           | 56                    |
| Description: | Negative                      | LIMS ID:        |                       |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21               |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 10:37:59 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\56.D | Analyst:        | Brooke <i>BS</i>      |

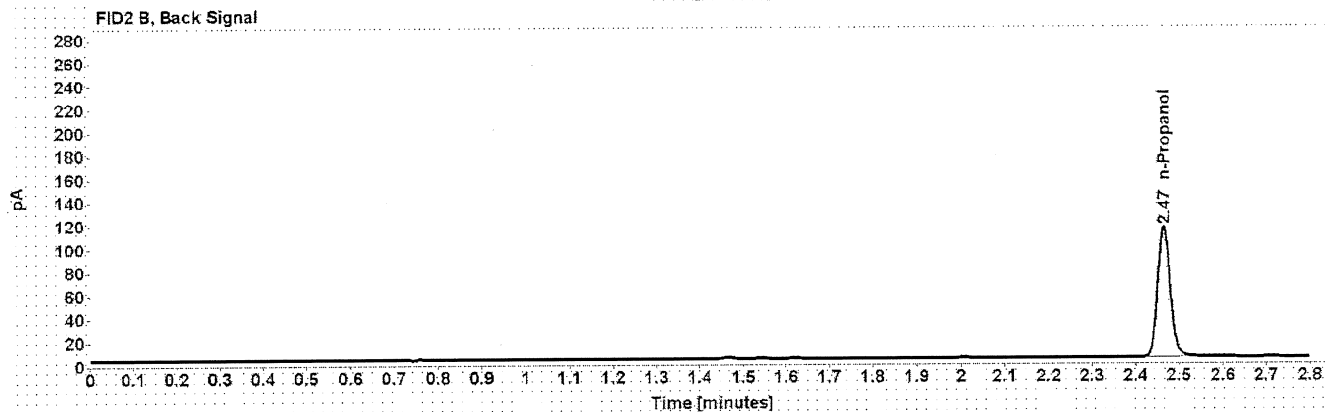
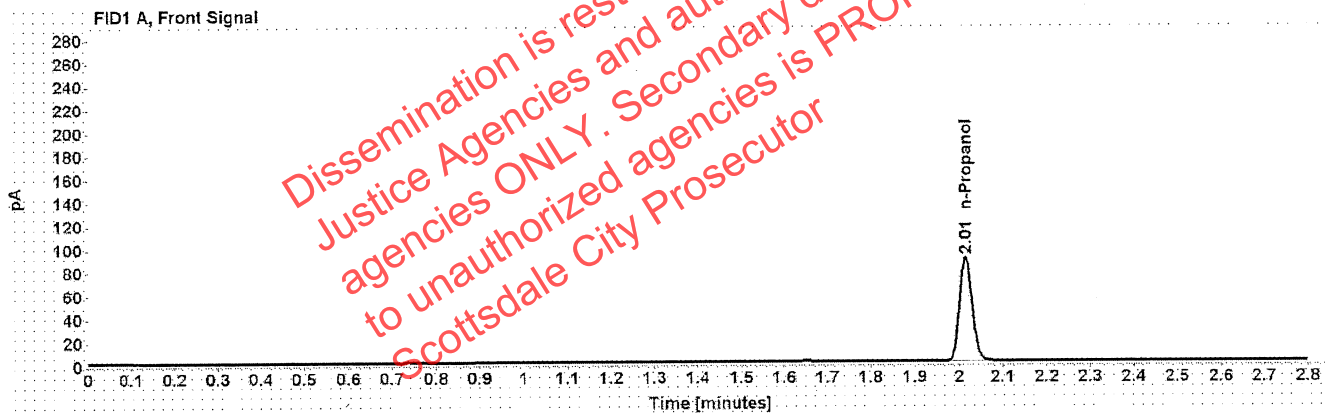


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | -----            | 2.015      | 178.239   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.465      | 224.495   |

# Sequence Summary

TB

Sequence name: 28Sep21      Instrument: US14173023 CN14160045      Analyst: Brooke

| Vial | Sample       | Description      | Type        | LIMS ID | Method          |
|------|--------------|------------------|-------------|---------|-----------------|
| 1    | FN06141806   | 0.020 calibrator | Calibration |         | ethanol quant.M |
| 2    | FN05311902   | 0.100 calibrator | Calibration |         | ethanol quant.M |
| 3    | FN05101903   | 0.200 calibrator | Calibration |         | ethanol quant.M |
| 4    | FN10051906   | 0.400 calibrator | Calibration |         | ethanol quant.M |
| 5    | 071521AQ     | Negative         | Control     |         | ethanol quant.M |
| 6    | 050721MIX    | Volatiles mix    | Control     |         | ethanol quant.M |
| 7    | 11092018-A   | 0.400            | Control     |         | ethanol quant.M |
| 8    | 14082019-B   | 0.040            | Control     |         | ethanol quant.M |
| 9    | 4101018274/9 | 0.200            | Control     |         | ethanol quant.M |
| 10   | 1388354      |                  | Sample      |         | ethanol quant.M |
| 11   | 1388354      |                  | Sample      |         | ethanol quant.M |
| 12   | 18601JR      |                  | Sample      |         | ethanol quant.M |
| 13   | 18601JR      |                  | Sample      |         | ethanol quant.M |
| 14   | 32601RS      |                  | Sample      |         | ethanol quant.M |
| 15   | 32601RS      |                  | Sample      |         | ethanol quant.M |
| 16   | 17601CA      |                  | Sample      |         | ethanol quant.M |
| 17   | 17601CA      |                  | Sample      |         | ethanol quant.M |
| 18   | 32701O       |                  | Sample      |         | ethanol quant.M |
| 19   | 32701O       |                  | Sample      |         | ethanol quant.M |
| 20   | 20012020-B   | 0.080            | Control     |         | ethanol quant.M |
| 21   | 17601RD      |                  | Sample      |         | ethanol quant.M |
| 22   | 17601RD      |                  | Sample      |         | ethanol quant.M |
| 23   | 1347705      |                  | Sample      |         | ethanol quant.M |
| 24   | 1347705      |                  | Sample      |         | ethanol quant.M |
| 25   | 1389452      |                  | Sample      |         | ethanol quant.M |
| 26   | 1389452      |                  | Sample      |         | ethanol quant.M |
| 27   | 1385825      |                  | Sample      |         | ethanol quant.M |
| 28   | 1385825      |                  | Sample      |         | ethanol quant.M |
| 29   | 1389936      |                  | Sample      |         | ethanol quant.M |
| 30   | 1389936      |                  | Sample      |         | ethanol quant.M |
| 31   | 4101018274/9 | 0.200            | Control     |         | ethanol quant.M |
| 32   | 1356741      |                  | Sample      |         | ethanol quant.M |
| 33   | 1356741      |                  | Sample      |         | ethanol quant.M |
| 34   | 1390078      |                  | Sample      |         | ethanol quant.M |
| 35   | 1390078      |                  | Sample      |         | ethanol quant.M |
| 36   | 1388365      |                  | Sample      |         | ethanol quant.M |
| 37   | 1388365      |                  | Sample      |         | ethanol quant.M |
| 38   | 1390168      |                  | Sample      |         | ethanol quant.M |
| 39   | 1390168      |                  | Sample      |         | ethanol quant.M |
| 40   | 34701HD      |                  | Sample      |         | ethanol quant.M |
| 41   | 34701HD      |                  | Sample      |         | ethanol quant.M |
| 42   | 20012020-B   | 0.080            | Control     |         | ethanol quant.M |
| 43   | 39001CP      |                  | Sample      |         | ethanol quant.M |
| 44   | 39001CP      |                  | Sample      |         | ethanol quant.M |
| 45   | 39201EA      |                  | Sample      |         | ethanol quant.M |
| 46   | 39201EA      |                  | Sample      |         | ethanol quant.M |
| 47   | 33801CH      |                  | Sample      |         | ethanol quant.M |

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 Scottsdale City Prosecutor

# Sequence Summary

73

|    |              |          |         |  |                 |
|----|--------------|----------|---------|--|-----------------|
| 48 | 33801CH      |          | Sample  |  | ethanol quant.M |
| 49 | 33801MF      |          | Sample  |  | ethanol quant.M |
| 50 | 33801MF      |          | Sample  |  | ethanol quant.M |
| 51 | 1355677      |          | Sample  |  | ethanol quant.M |
| 52 | 1355677      |          | Sample  |  | ethanol quant.M |
| 53 | 11092018-A   | 0.400    | Control |  | ethanol quant.M |
| 54 | 14082019-B   | 0.040    | Control |  | ethanol quant.M |
| 55 | 4101018274/9 | 0.200    | Control |  | ethanol quant.M |
| 56 | 111020WB     | Negative | Control |  | ethanol quant.M |

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# Scottsdale Police Department Crime Laboratory Summary of Cases

JB

SEQUENCE NAME: 28Sep21

ANALYST: Brooke

| Vials | Test 1 (g/dL) | Test 2 (g/dL) | Mean (g/dL) | Percent Difference* | Absolute Difference (g/dL)* |
|-------|---------------|---------------|-------------|---------------------|-----------------------------|
| 10 11 | 0.1290        | 0.1293        | 0.12915     | 0.12                | 0.00015                     |
| 12 13 | 0.0930        | 0.0936        | 0.09330     | 0.32                | 0.00030                     |
| 14 15 | 0.0372        | 0.0372        | 0.03720     | 0.00                | 0.00000                     |
| 16 17 | 0.2670        | 0.2672        | 0.26710     | 0.04                | 0.00010                     |
| 18 19 | 0.0825        | 0.0829        | 0.08270     | 0.24                | 0.00020                     |
| 21 22 | 0.2036        | 0.2054        | 0.20450     | 0.44                | 0.00090                     |
| 23 24 | 0.1521        | 0.1533        | 0.15270     | 0.39                | 0.00060                     |
| 25 26 | 0.2391        | 0.2375        | 0.23830     | 0.34                | 0.00080                     |
| 27 28 | 0.2389        | 0.2390        | 0.23895     | 0.02                | 0.00005                     |
| 29 30 | 0.1613        | 0.1624        | 0.16185     | 0.34                | 0.00055                     |
| 32 33 | 0.2283        | 0.2307        | 0.22950     | 0.52                | 0.00120                     |
| 34 35 | 0.1219        | 0.1215        | 0.12170     | 0.16                | 0.00020                     |
| 36 37 | 0.1881        | 0.1871        | 0.18760     | 0.27                | 0.00050                     |
| 38 39 | 0.1411        | 0.1418        | 0.14145     | 0.25                | 0.00035                     |
| 40 41 | 0.2296        | 0.2298        | 0.22970     | 0.04                | 0.00010                     |
| 43 44 | 0.1030        | 0.1040        | 0.10350     | 0.48                | 0.00050                     |
| 45 46 | 0.1962        | 0.1978        | 0.19700     | 0.41                | 0.00080                     |
| 47 48 | 0.2215        | 0.2207        | 0.22110     | 0.18                | 0.00040                     |
| 49 50 | 0.1757        | 0.1743        | 0.17500     | 0.40                | 0.00070                     |
| 51 52 | 0.1334        | 0.1337        | 0.13355     | 0.11                | 0.00015                     |

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



[REDACTED]: Brooke, Phillip - (29-Sep-2021)

Case: [REDACTED] User: pbrooke 9/29/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 1388354                       | Vial:           | 10                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 7:31:58 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\10.D | Analyst:        | Brooke               |

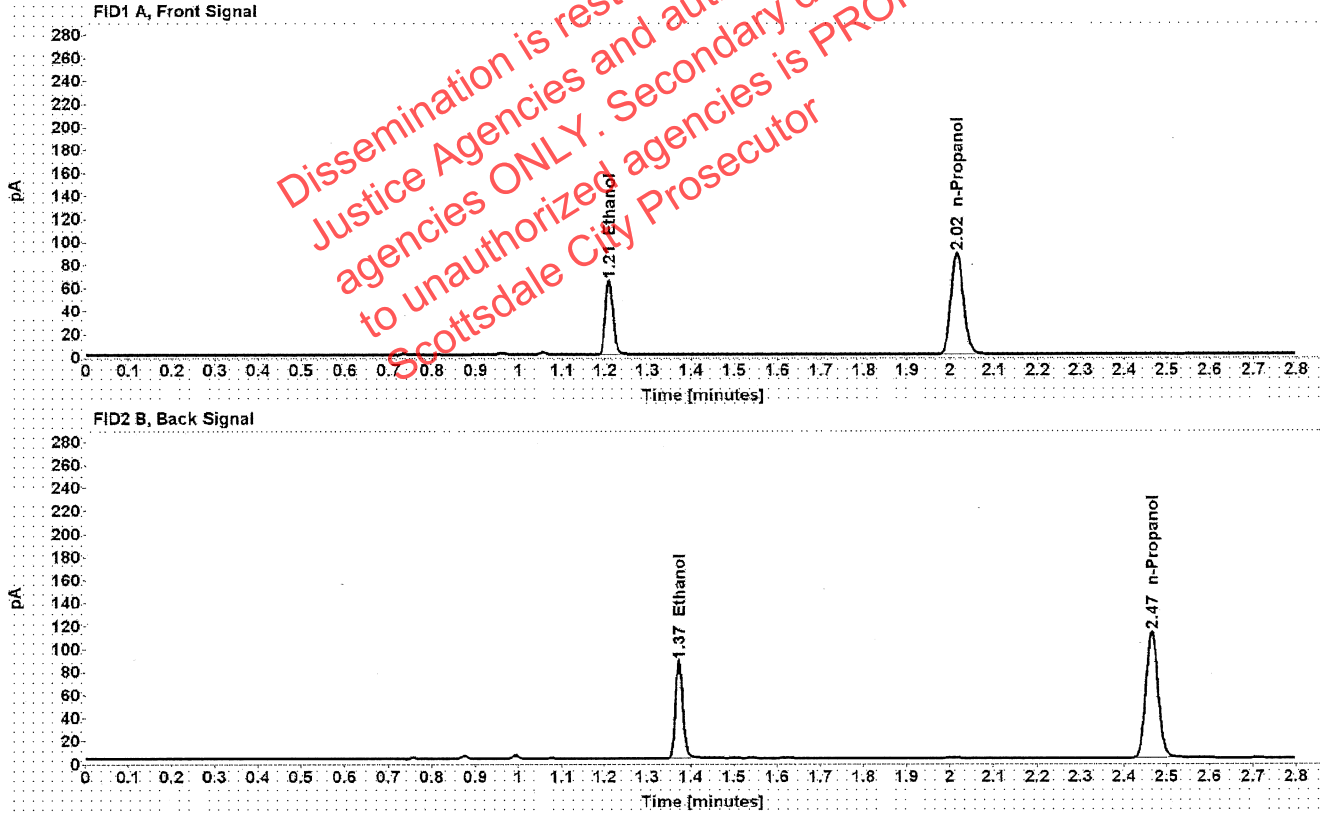


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1290           | 1.210      | 81.817    |
| n-Propanol | -----            | 2.015      | 174.919   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 102.961   |
| n-Propanol | 2.465      | 220.593   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 1388354                       | Vial:           | 11                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 7:35:58 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\11.D | Analyst:        | Brooke               |

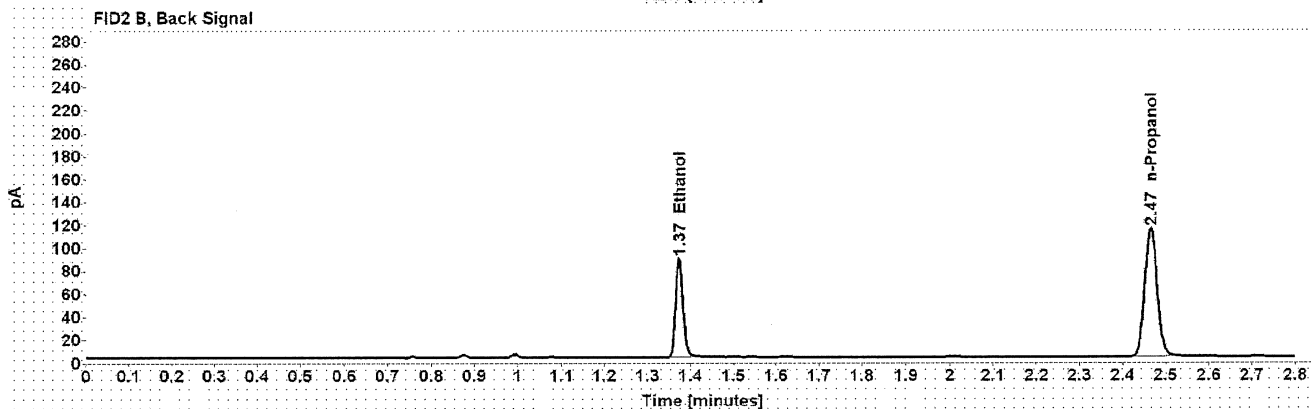
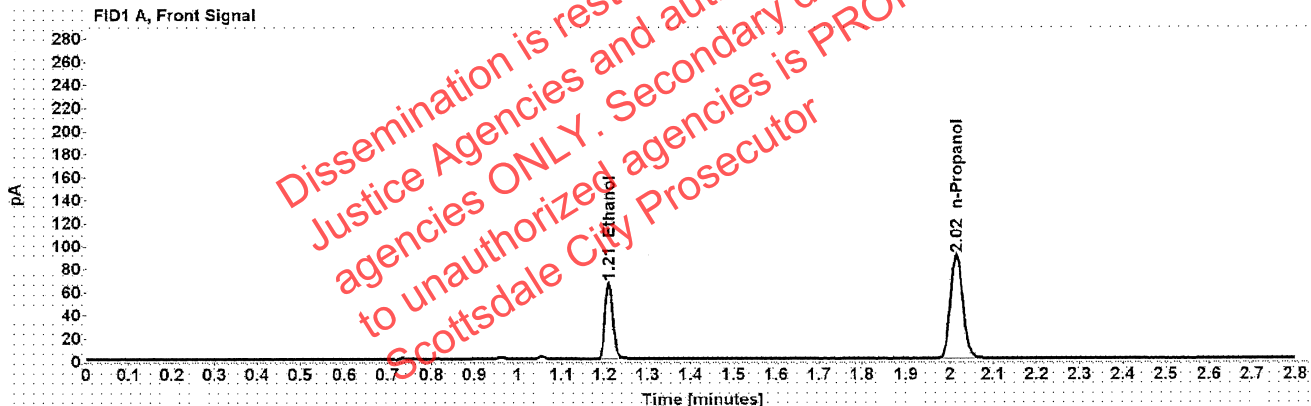


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1293           | 1.210      | 83.686    |
| n-Propanol | -----            | 2.015      | 178.518   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 105.269   |
| n-Propanol | 2.465      | 225.278   |



Brooke, Phillip - (29-Sep-2021)

Case: User: pbrooke 9/29/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 18601JR                       | Vial:           | 12                   |
| Description: |                               | LIMS ID:        |                      |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 7:39:59 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\12.D | Analyst:        | Brooke               |

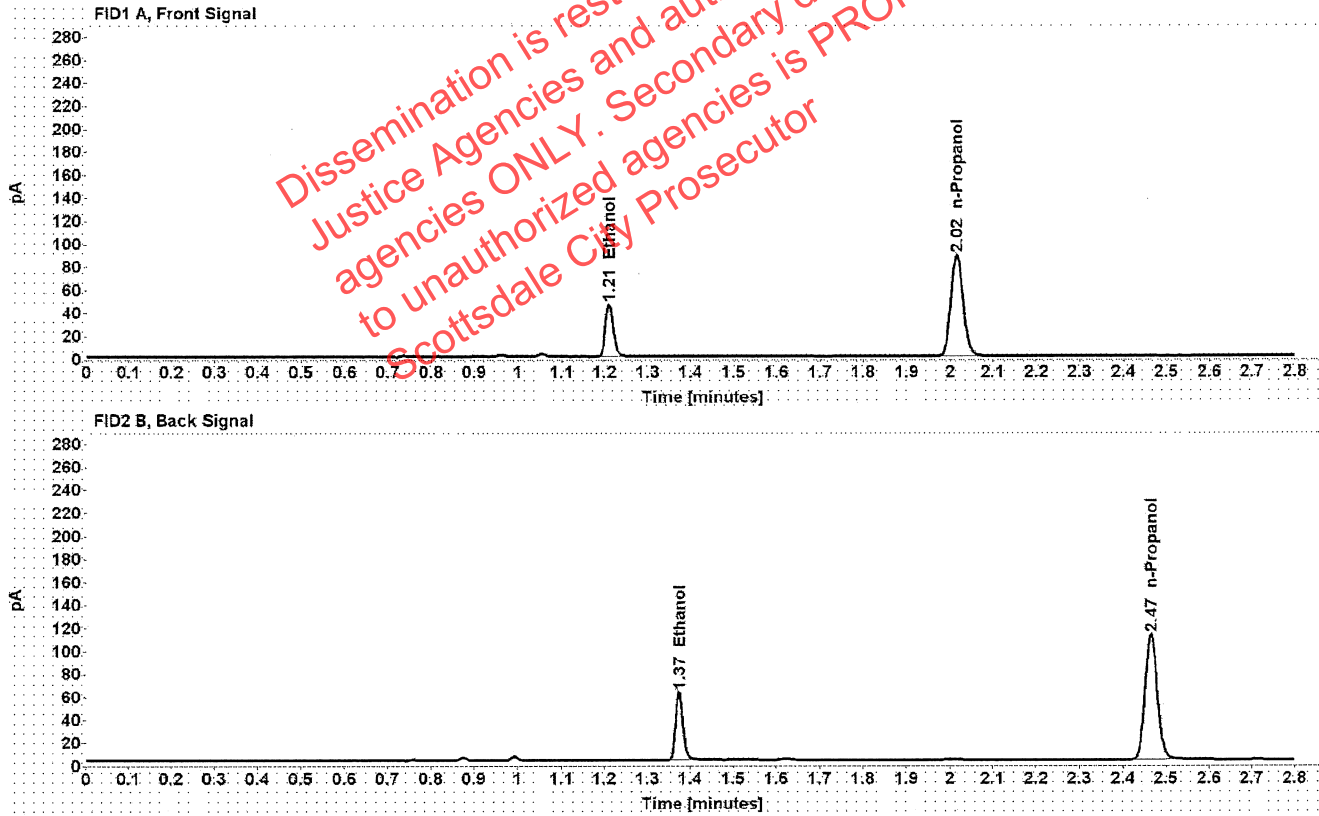


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.0930           | 1.210      | 58.366    |
| n-Propanol | -----            | 2.015      | 174.358   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.374      | 73.205    |
| n-Propanol | 2.465      | 220.343   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 18601JR                       | Vial:           | 13                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 7:44:13 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\13.D | Analyst:        | Brooke               |

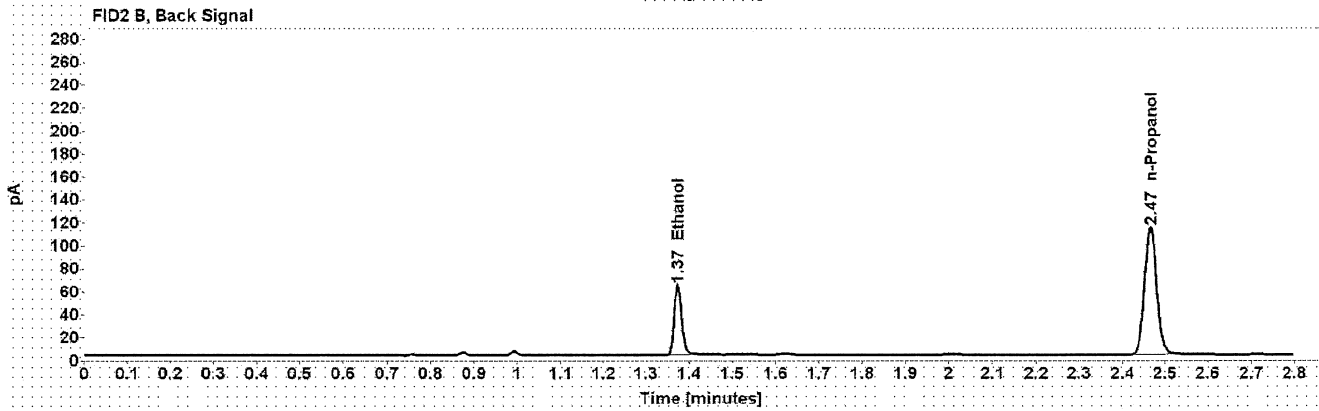
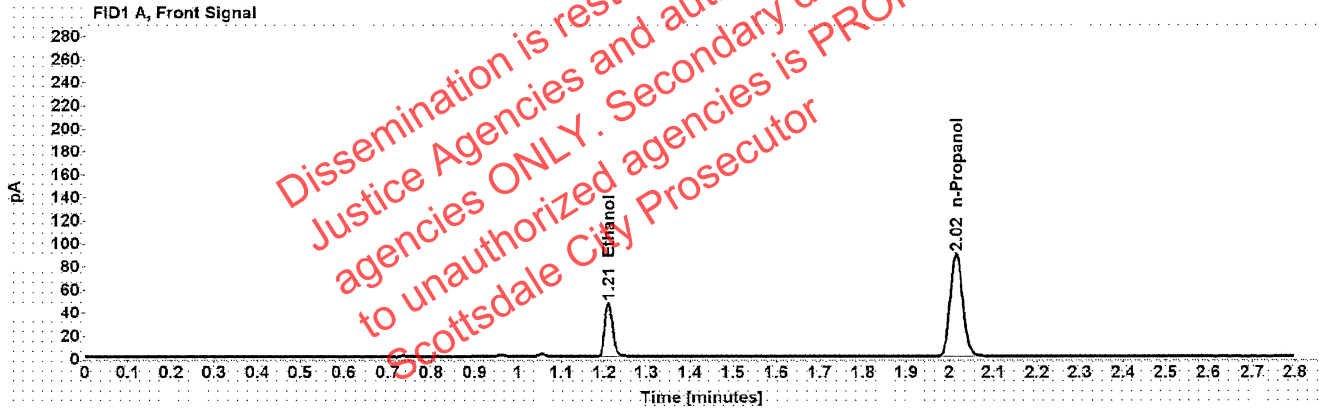


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.0936           | 1.210      | 59.596    |
| n-Propanol | -----            | 2.015      | 176.809   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.374      | 74.509    |
| n-Propanol | 2.465      | 223.430   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 32601RS                       | Vial:           | 14                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 7:48:13 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\14.D | Analyst:        | Brooke               |

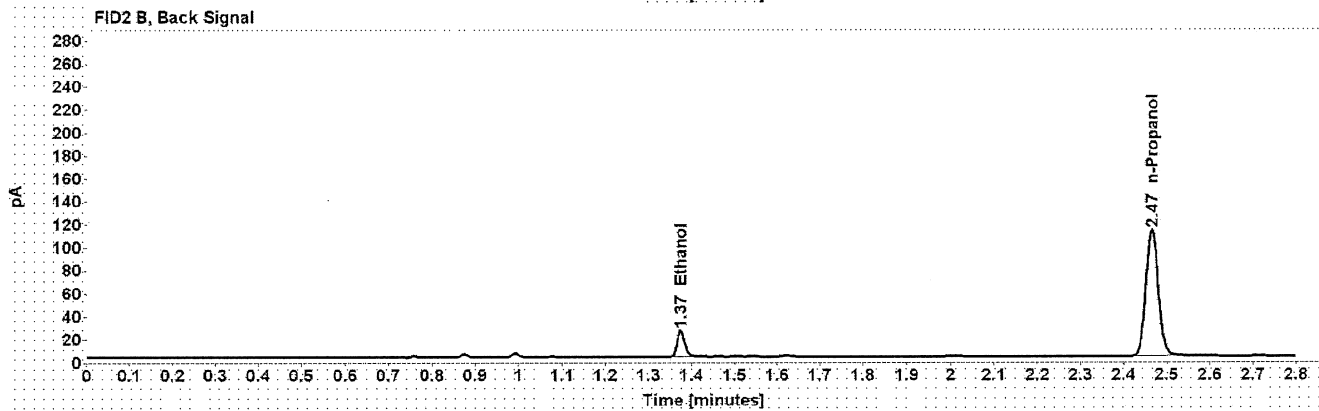
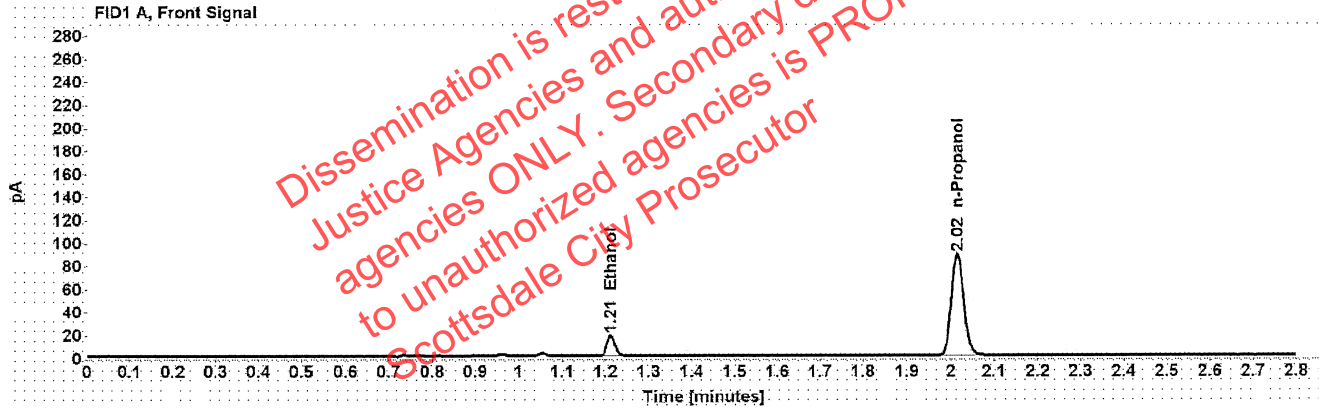


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.0372           | 1.211      | 22.590    |
| n-Propanol | -----            | 2.015      | 175.356   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.375      | 28.855    |
| n-Propanol | 2.466      | 221.523   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 32601RS                       | Vial:           | 15                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 7:52:13 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\15.D | Analyst:        | Brooke               |

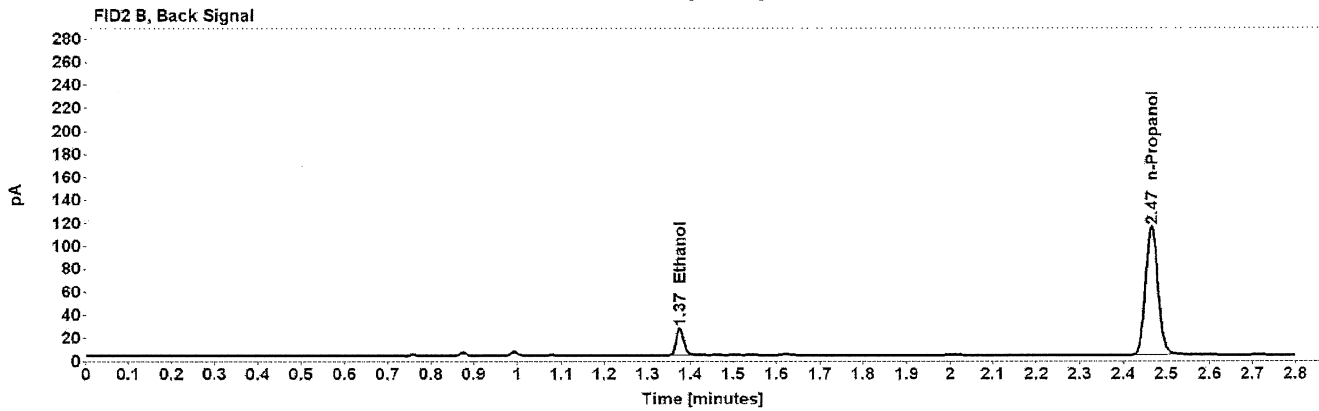
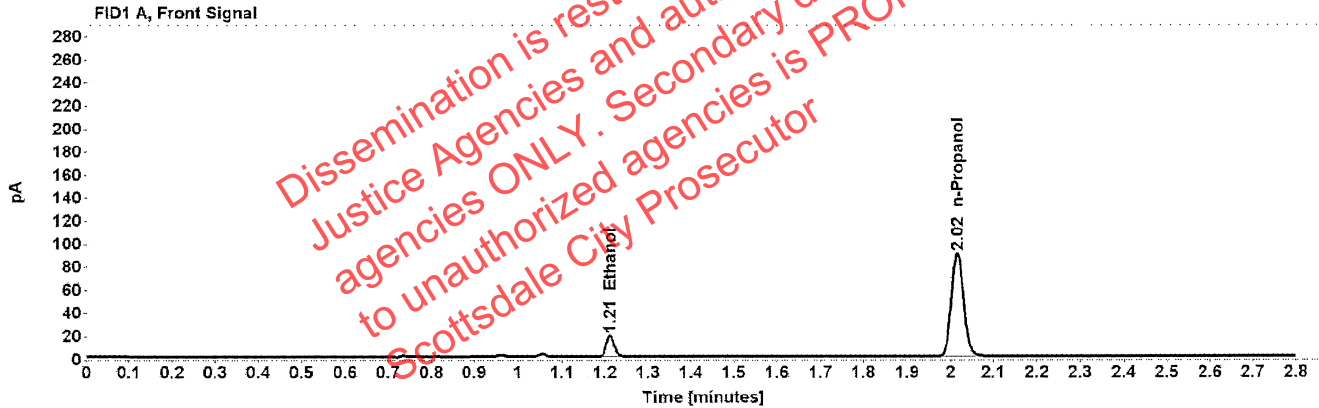


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.0372           | 1.211      | 22.980    |
| n-Propanol | -----            | 2.015      | 178.052   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.375      | 29.433    |
| n-Propanol | 2.466      | 224.943   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 17601CA                       | Vial:           | 16                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 7:56:14 PM |
| Data file:   | C:\Chem3211\Data\28Sep21\16.D | Analyst:        | Brooke               |

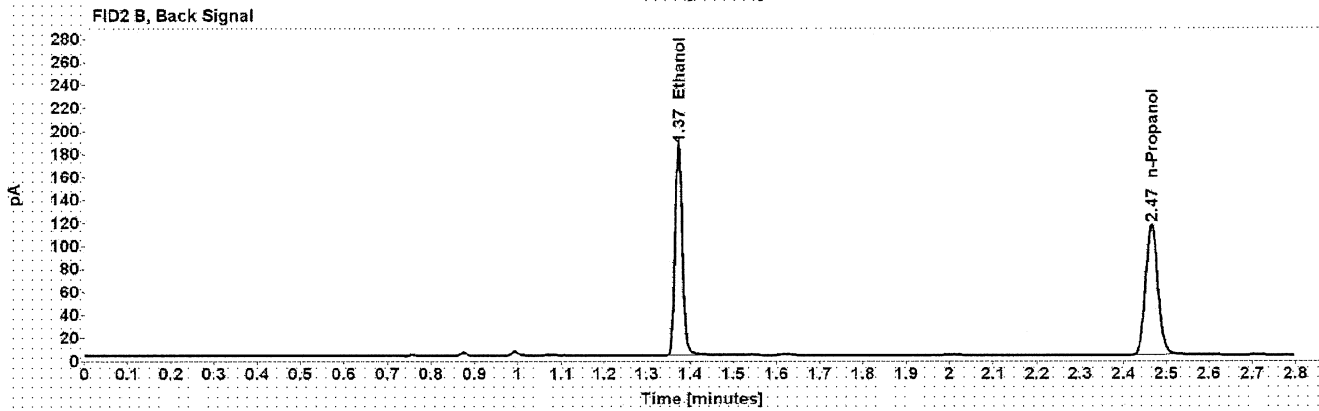
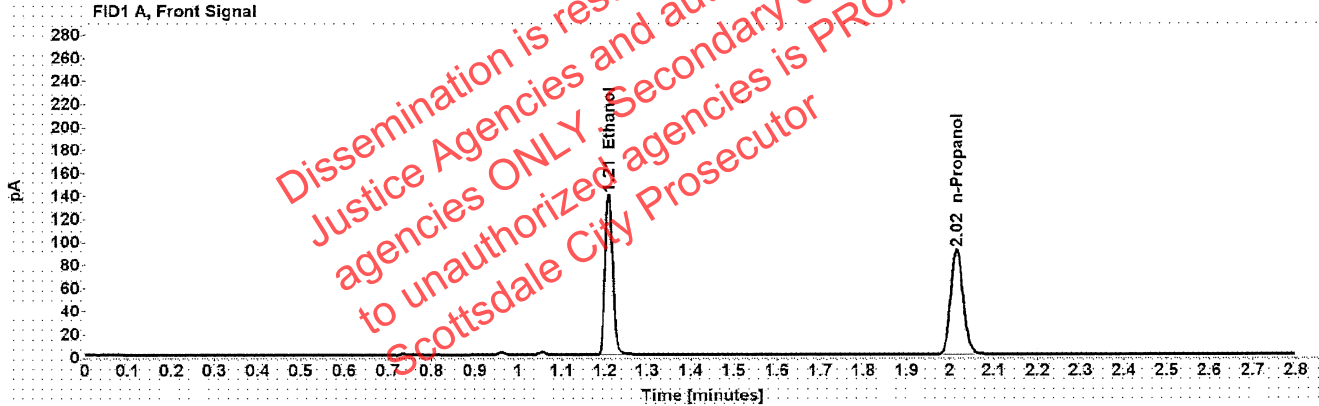


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2670           | 1.209      | 177.211   |
| n-Propanol | -----            | 2.015      | 181.356   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 225.574   |
| n-Propanol | 2.466      | 228.314   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 17601CA                       | Vial:           | 17                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 8:00:13 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\17.D | Analyst:        | Brooke               |

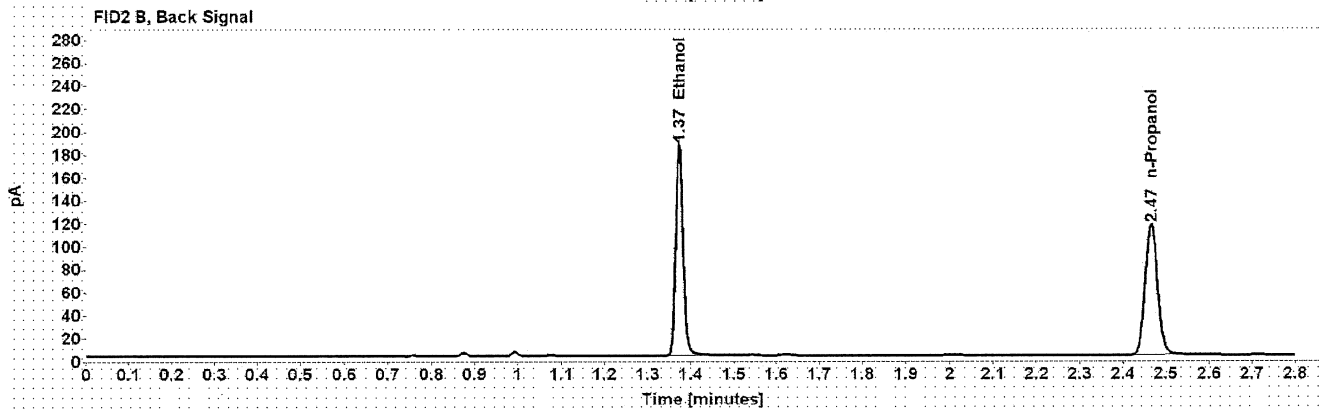
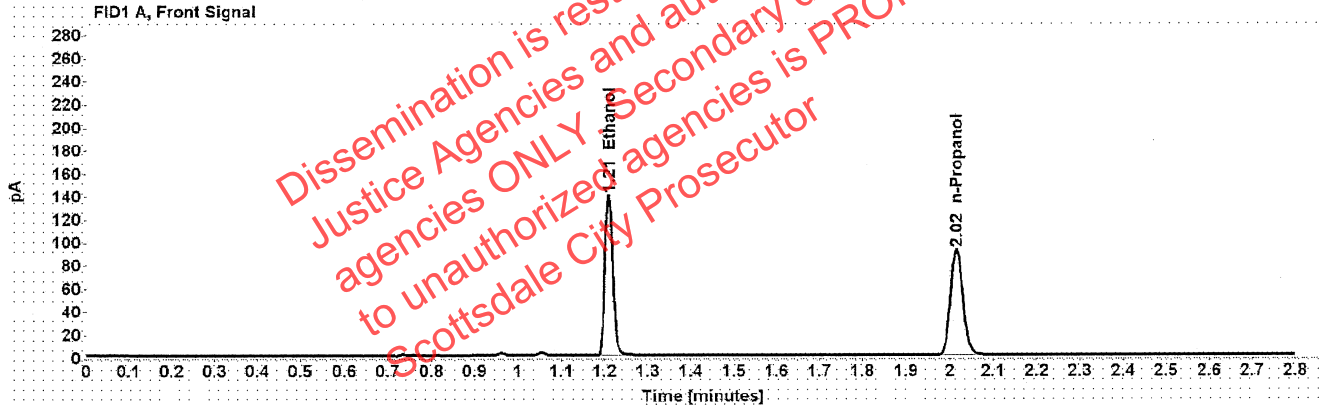


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2672           | 1.209      | 177.293   |
| n-Propanol | -----            | 2.015      | 181.356   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 225.610   |
| n-Propanol | 2.466      | 228.542   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 327010                        | Vial:           | 18                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 8:04:14 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\18.D | Analyst:        | Brooke               |

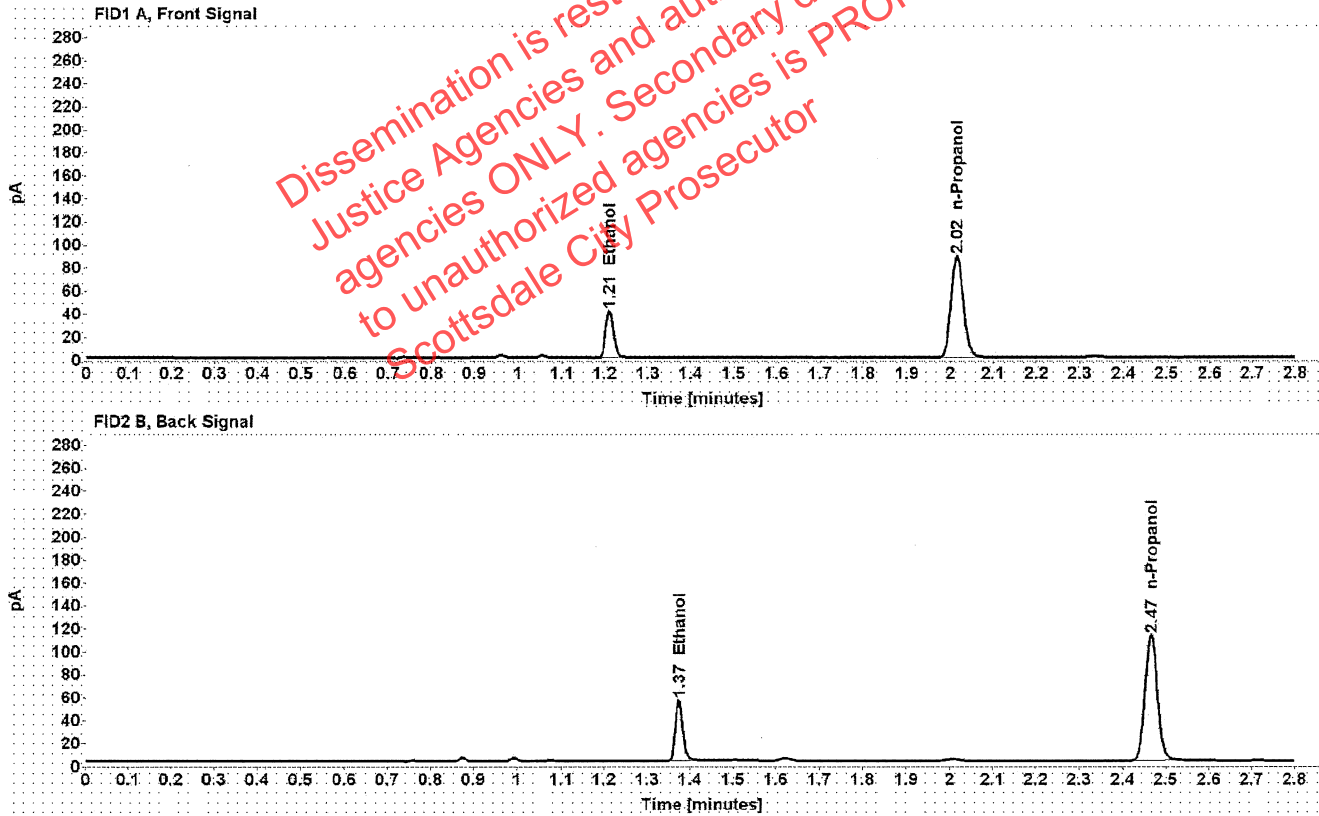


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.0825           | 1.210      | 52.072    |
| n-Propanol | -----            | 2.015      | 175.921   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.374      | 65.425    |
| n-Propanol | 2.466      | 221.112   |

[REDACTED] : Brooke, Phillip - (29-Sep-2021)

Case: [REDACTED] User: pbrooke 9/29/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 32701O                        | Vial:           | 19                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 8:08:28 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\19.D | Analyst:        | Brooke               |

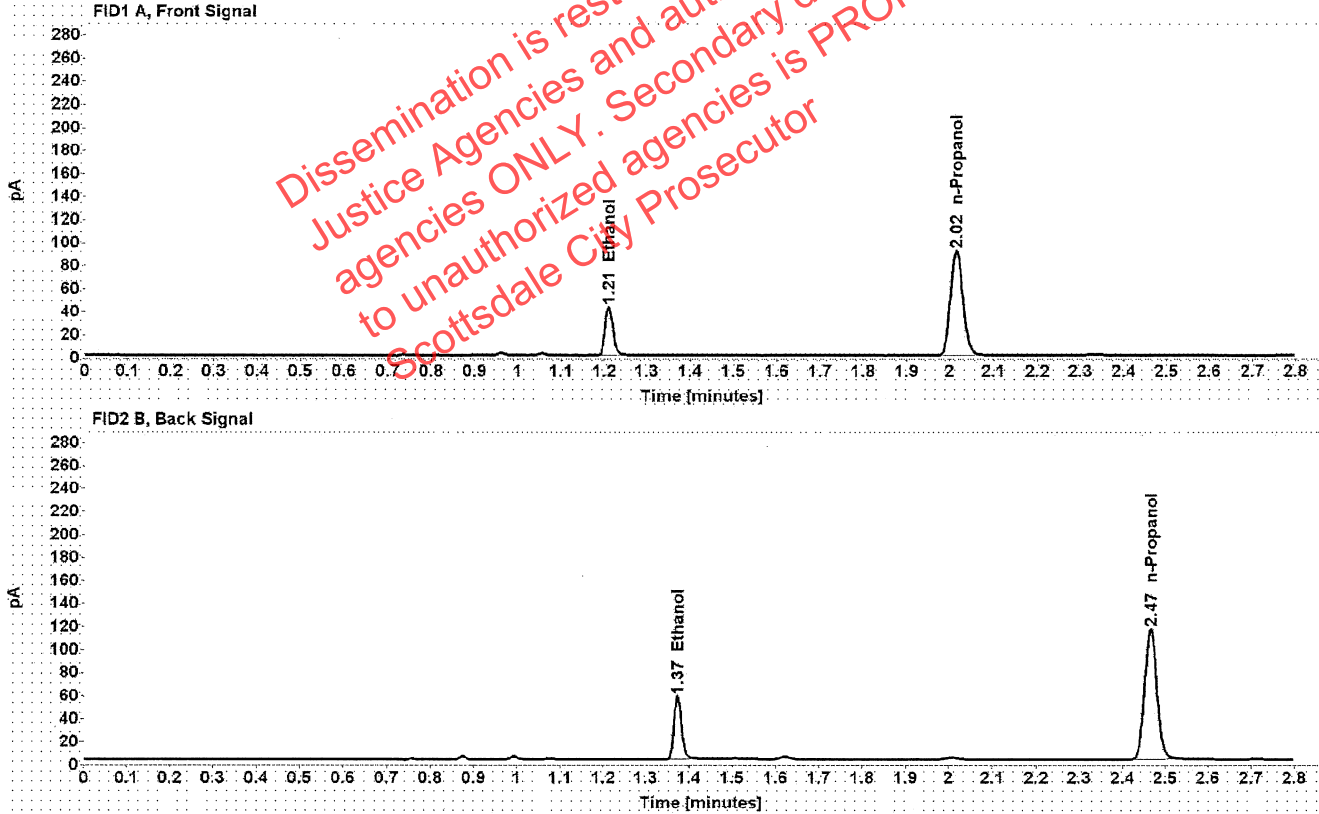


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.0829           | 1.210      | 54.153    |
| n-Propanol | -----            | 2.015      | 182.023   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.374      | 67.621    |
| n-Propanol | 2.465      | 228.678   |



Brooke, Phillip - (29-Sep-2021)

Case: User: pbrooke 9/29/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 17601RD                       | Vial:           | 21                   |
| Description: |                               | LIMS ID:        |                      |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 8:16:29 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\21.D | Analyst:        | Brooke               |

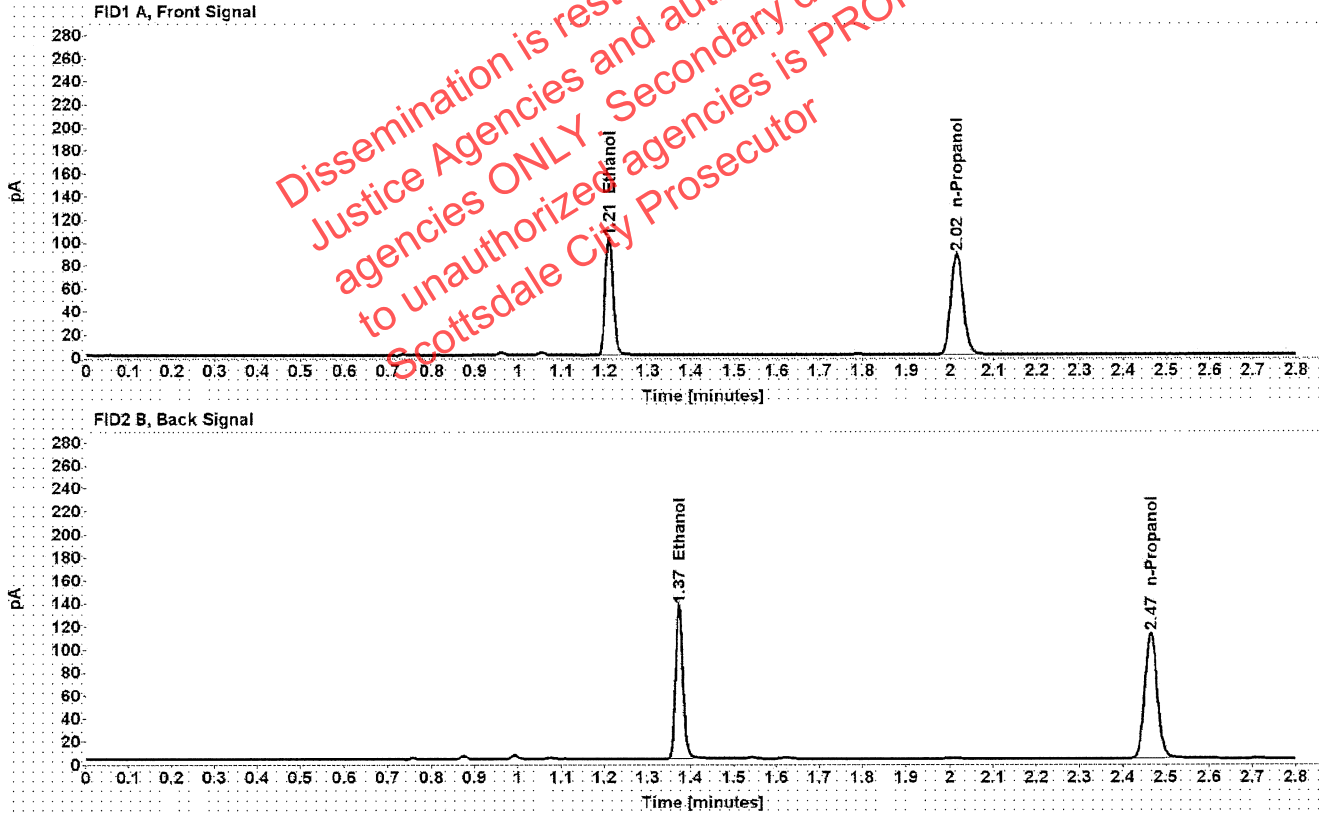


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2036           | 1.209      | 129.435   |
| n-Propanol | -----            | 2.015      | 174.224   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 163.305   |
| n-Propanol | 2.465      | 219.844   |

[REDACTED] : Brooke, Phillip - (29-Sep-2021)

Case: [REDACTED] User: pbrooke 9/29/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 17601RD                       | Vial:           | 22                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 8:20:28 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\22.D | Analyst:        | Brooke               |

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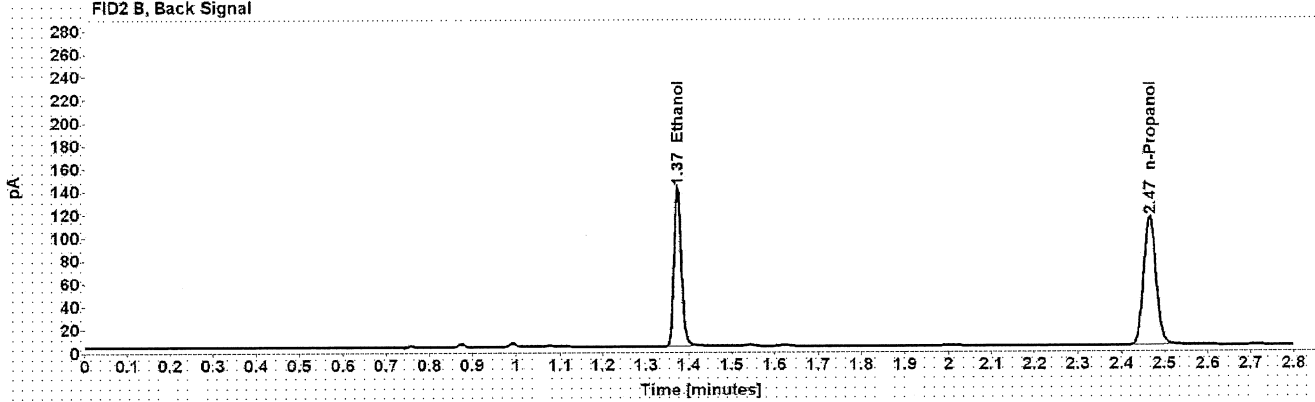
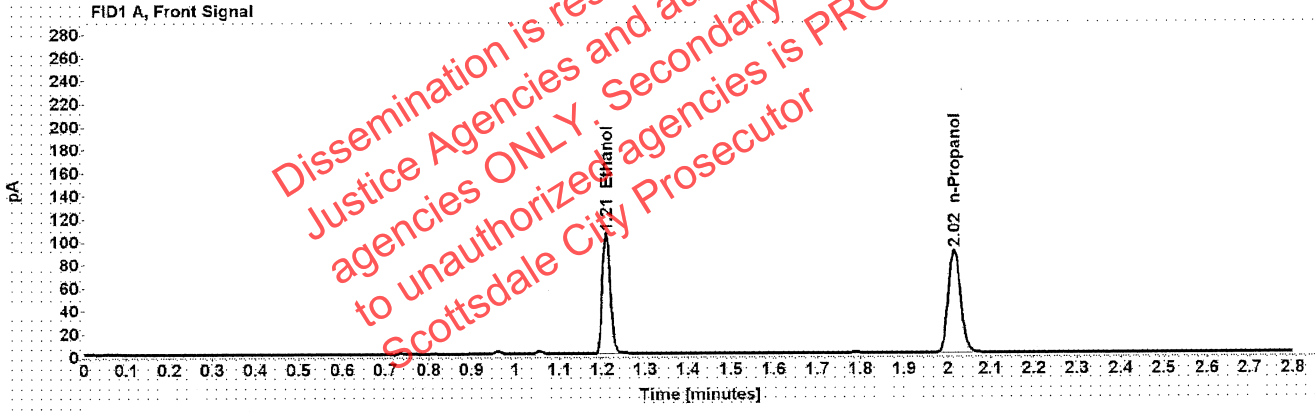


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2054           | 1.209      | 133.638   |
| n-Propanol | -----            | 2.015      | 178.259   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 168.604   |
| n-Propanol | 2.465      | 224.842   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 1347705                       | Vial:           | 23                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 8:24:28 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\23.D | Analyst:        | Brooke               |

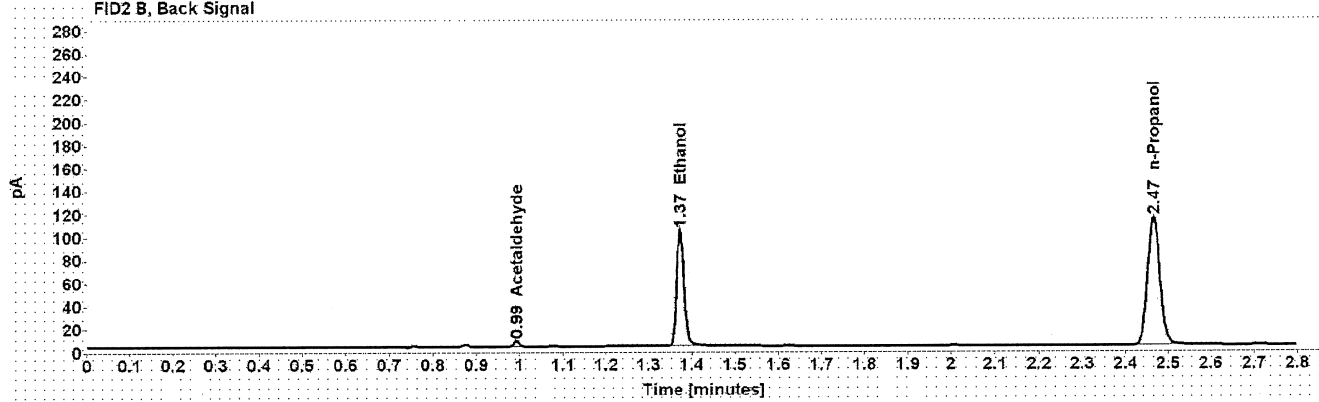
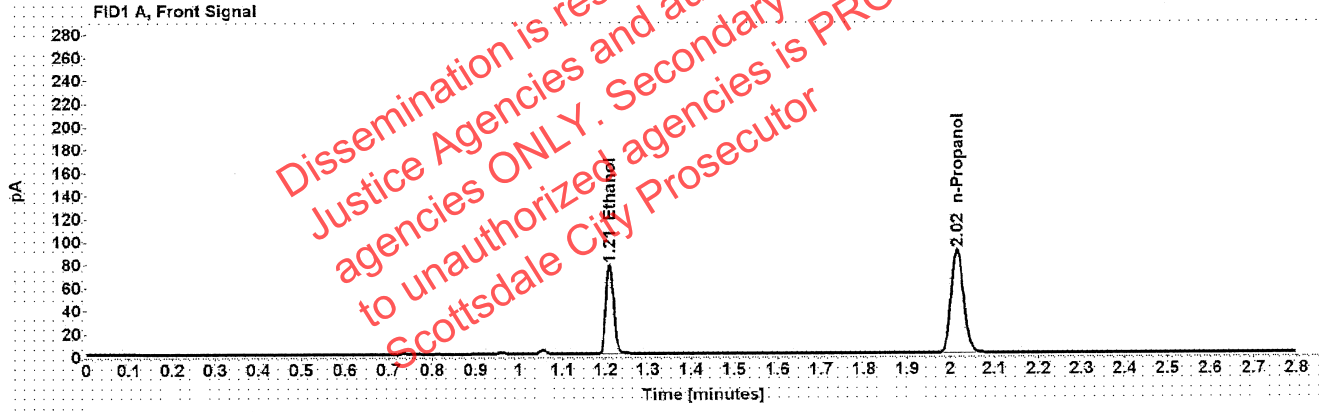


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1521           | 1.210      | 98.275    |
| n-Propanol | -----            | 2.015      | 177.770   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.992      | 4.688     |
| Ethanol      | 1.373      | 124.315   |
| n-Propanol   | 2.466      | 224.260   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 1347705                       | Vial:           | 24                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 8:28:29 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\24.D | Analyst:        | Brooke               |

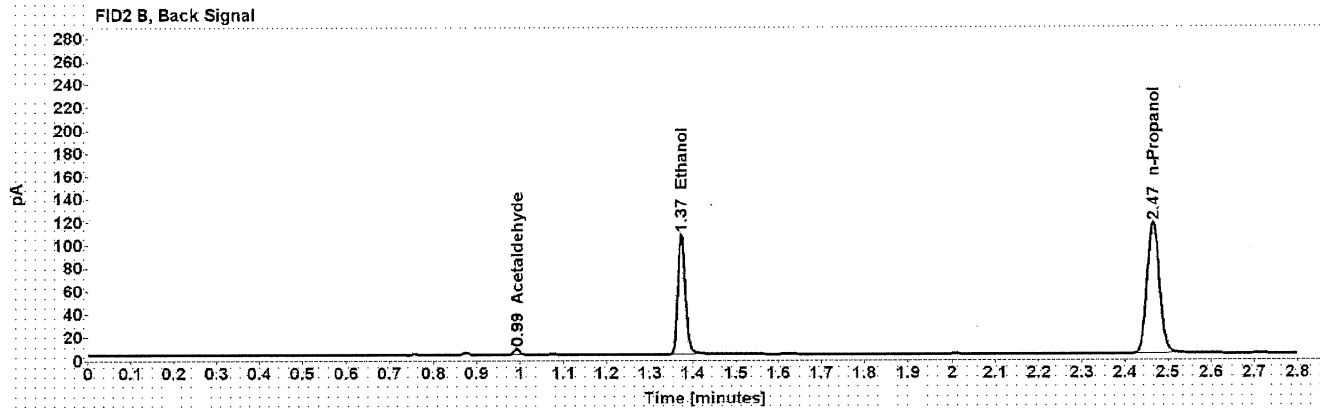
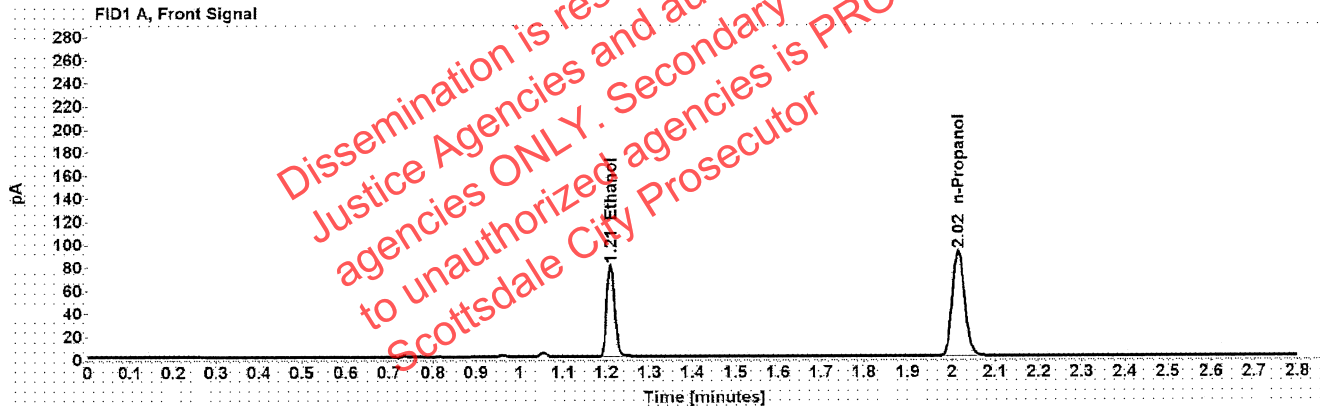


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1533           | 1.210      | 101.426   |
| n-Propanol | -----            | 2.015      | 182.002   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.992      | 4.707     |
| Ethanol      | 1.373      | 127.946   |
| n-Propanol   | 2.466      | 229.555   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 1389452                       | Vial:           | 25                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 8:32:43 PM |
| Data file:   | C:\Chem3211\Data\28Sep21\25.D | Analyst:        | Brooke               |

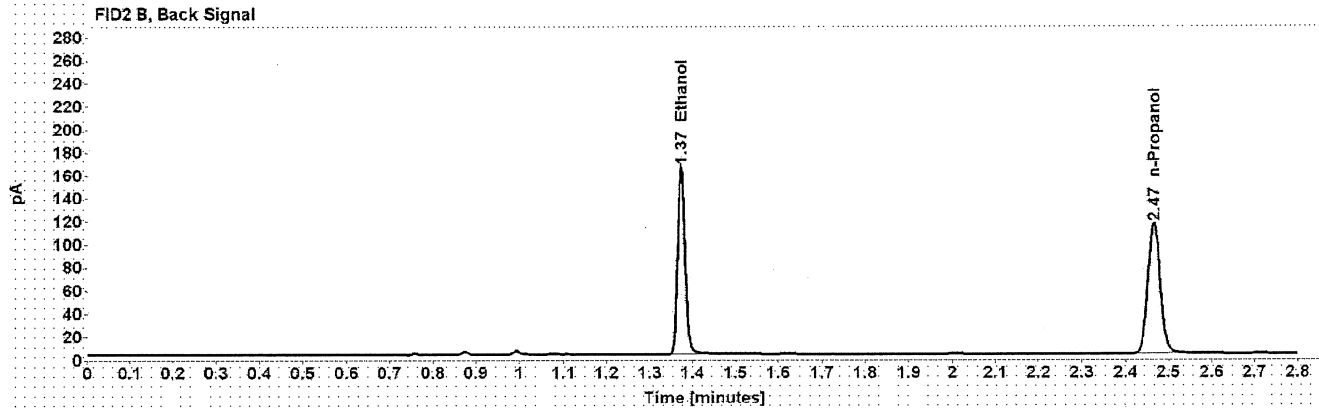
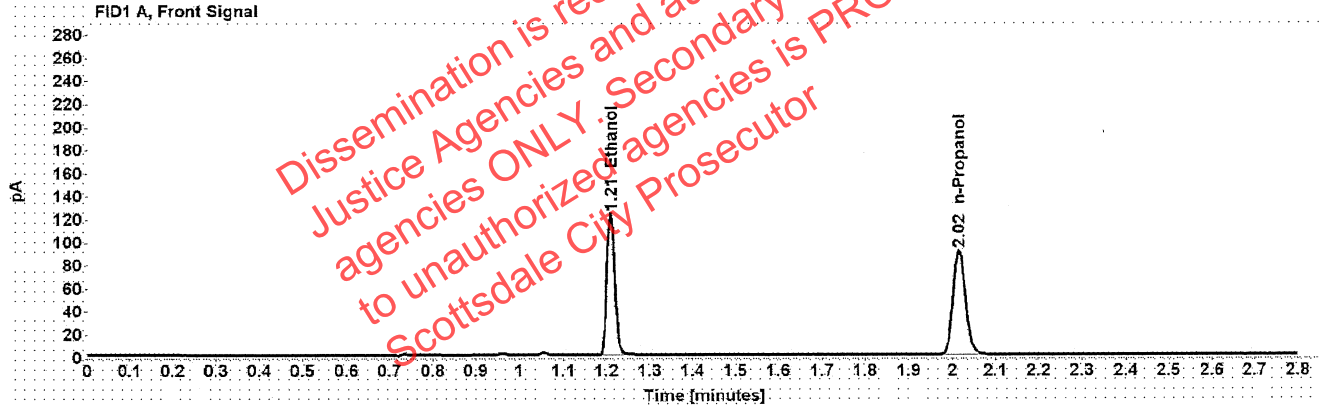


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2391           | 1.209      | 157.411   |
| n-Propanol | -----            | 2.015      | 180.110   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 200.259   |
| n-Propanol | 2.466      | 227.175   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 1389452                       | Vial:           | 26                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 8:36:43 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\26.D | Analyst:        | Brooke               |

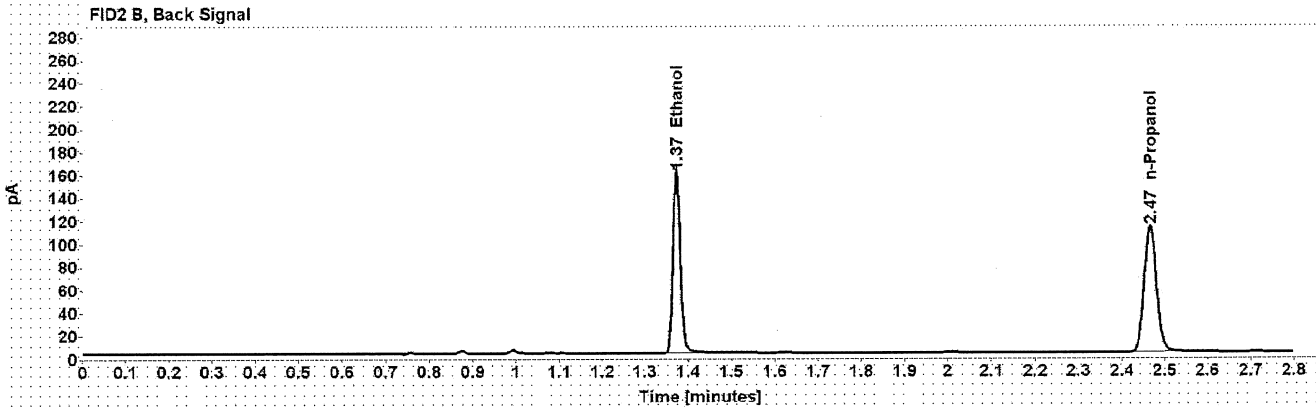
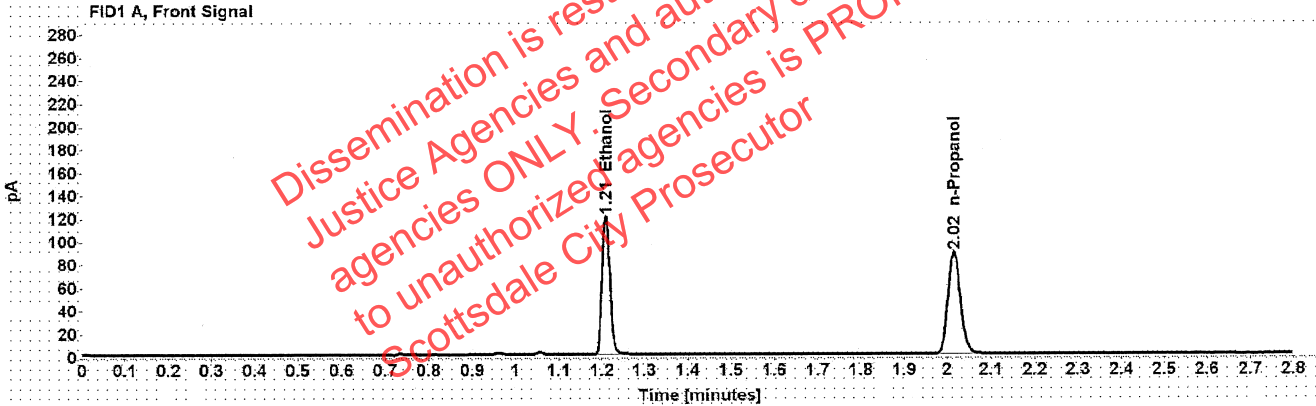


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2375           | 1.209      | 152.336   |
| n-Propanol | -----            | 2.015      | 175.477   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 194.153   |
| n-Propanol | 2.466      | 221.239   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 1385825                       | Vial:           | 27                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 8:40:43 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\27.D | Analyst:        | Brooke               |

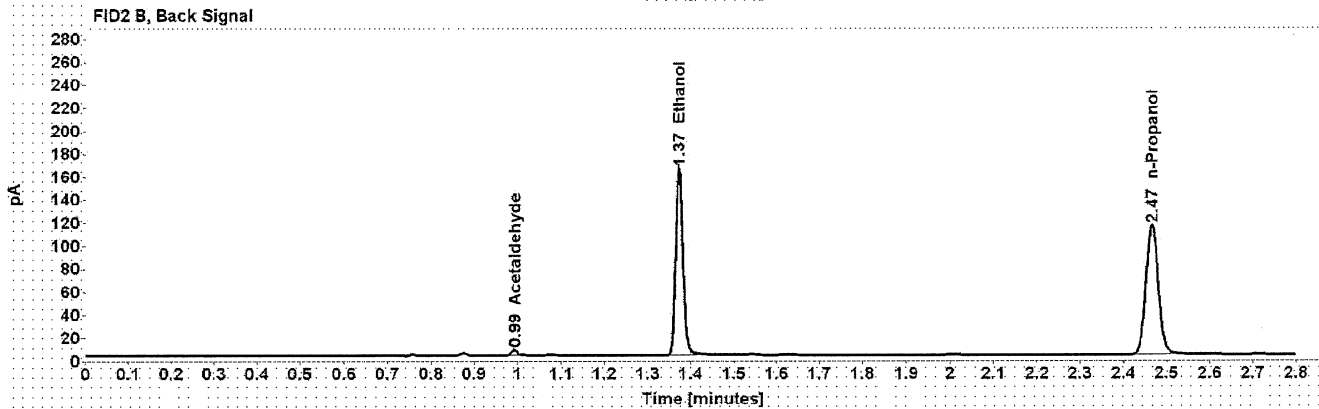
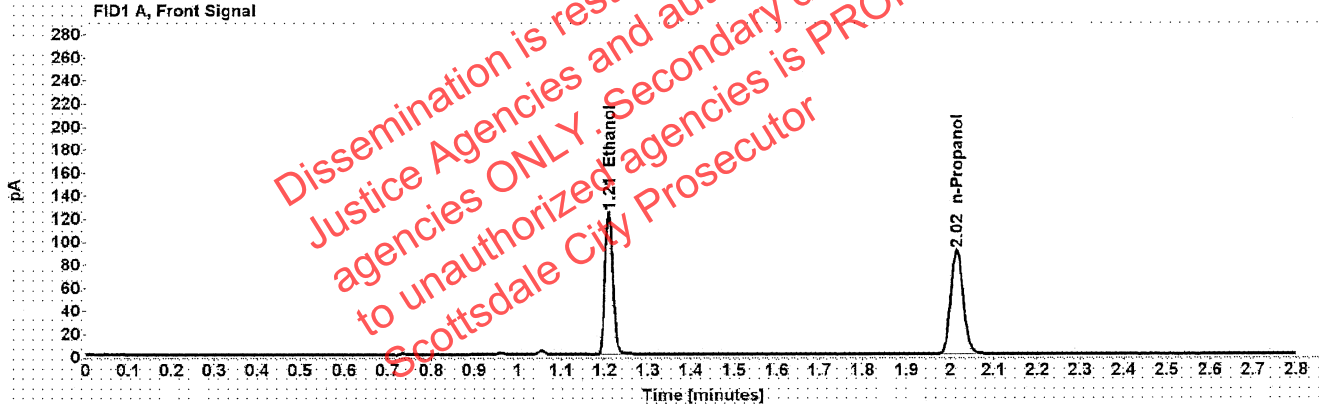


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2389           | 1.209      | 156.973   |
| n-Propanol | -----            | 2.015      | 179.712   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.992      | 4.468     |
| Ethanol      | 1.373      | 198.876   |
| n-Propanol   | 2.466      | 226.559   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 1385825                       | Vial:           | 28                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 8:44:43 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\28.D | Analyst:        | Brooke               |

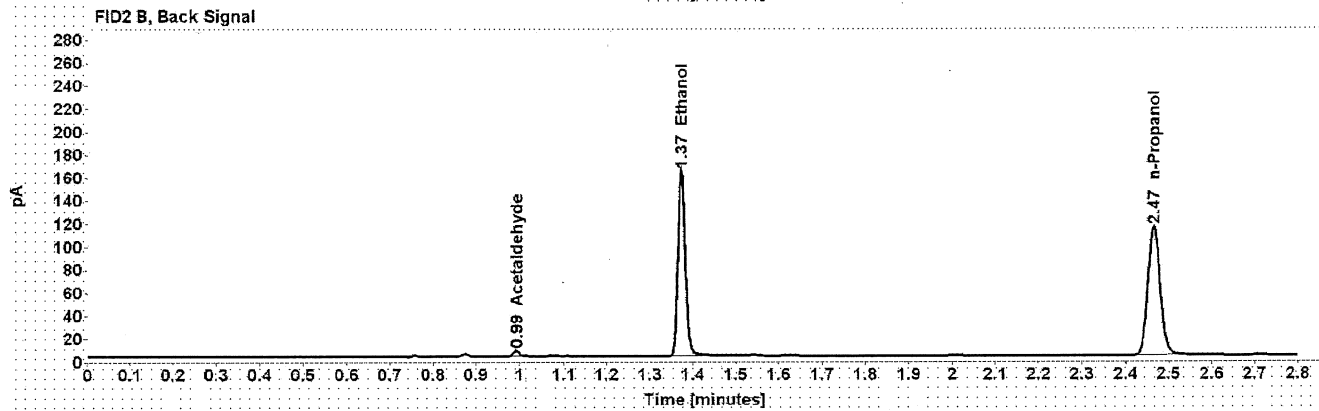
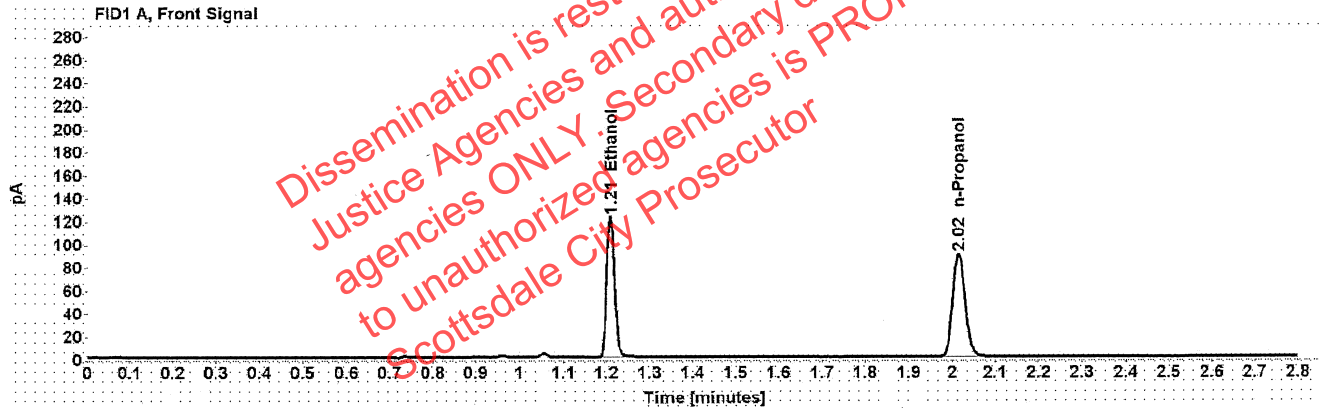


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2390           | 1.209      | 156.055   |
| n-Propanol | -----            | 2.015      | 178.631   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.992      | 4.489     |
| Ethanol      | 1.373      | 198.935   |
| n-Propanol   | 2.465      | 225.096   |



### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 1389936                       | Vial:           | 29                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 8:48:43 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\29.D | Analyst:        | Brooke               |

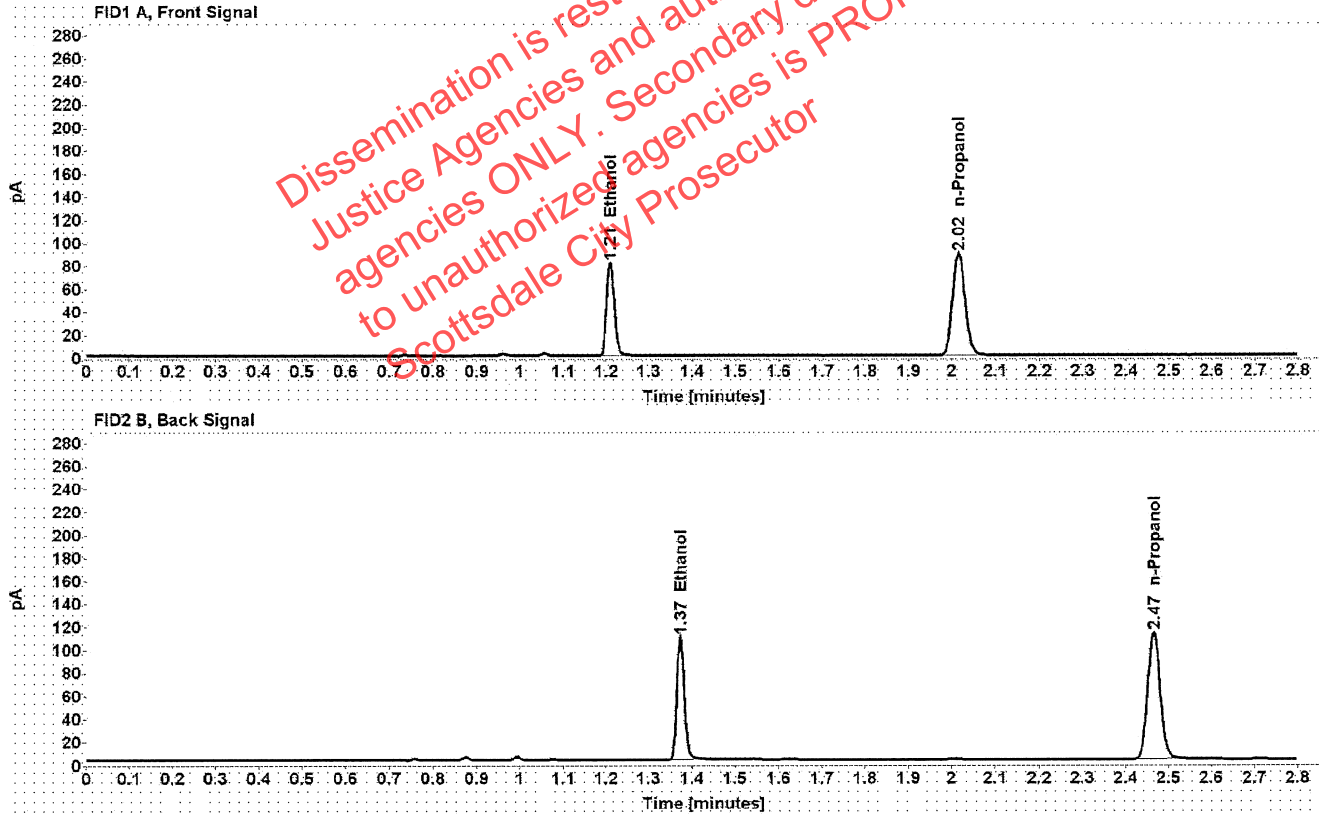


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1613           | 1.210      | 103.696   |
| n-Propanol | -----            | 2.015      | 176.628   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 130.879   |
| n-Propanol | 2.465      | 222.389   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 1389936                       | Vial:           | 30                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 8:52:44 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\30.D | Analyst:        | Brooke               |

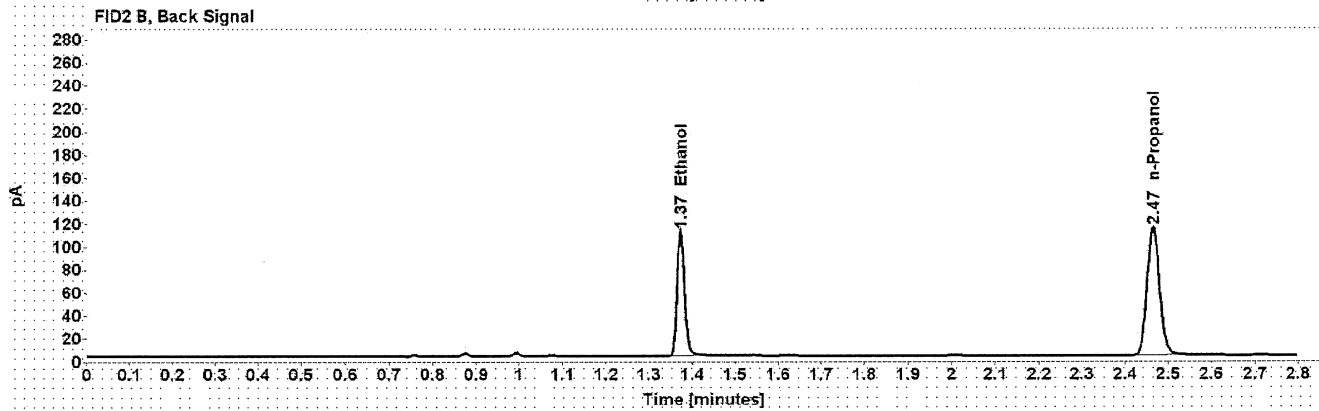
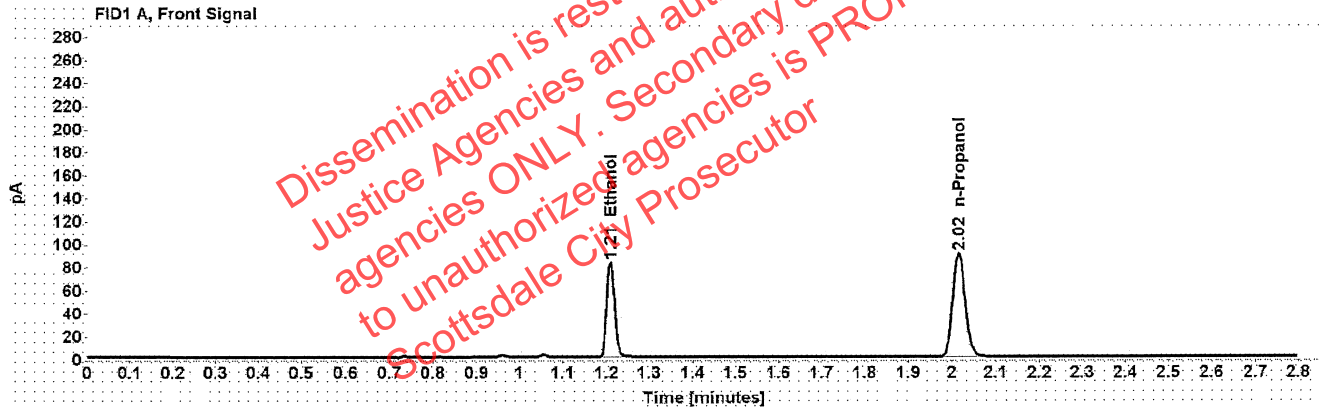


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1624           | 1.209      | 105.747   |
| n-Propanol | -----            | 2.015      | 178.931   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 133.343   |
| n-Propanol | 2.465      | 225.276   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 1356741                       | Vial:           | 32                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 9:00:58 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\32.D | Analyst:        | Brooke               |

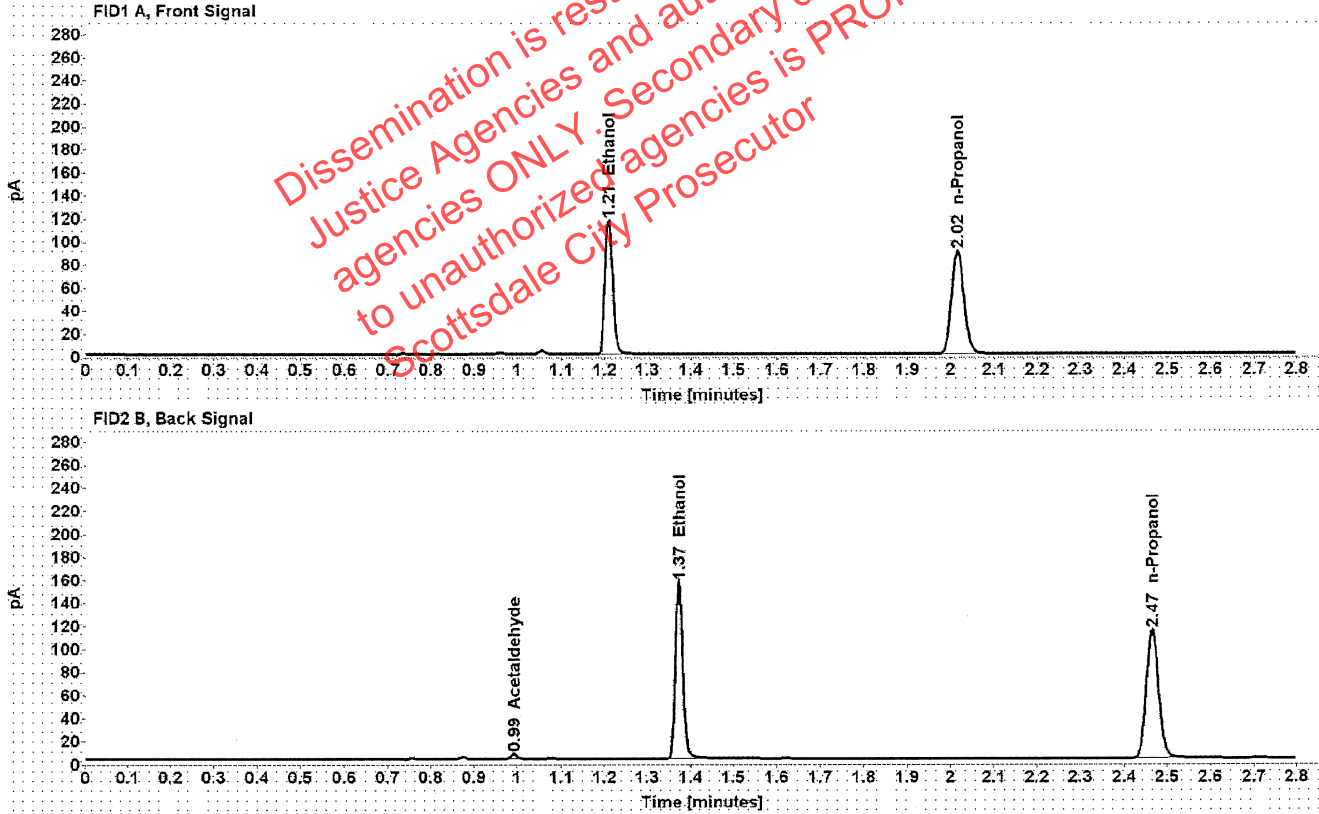


Table 1: FID 1 A (column DB-ALC1)

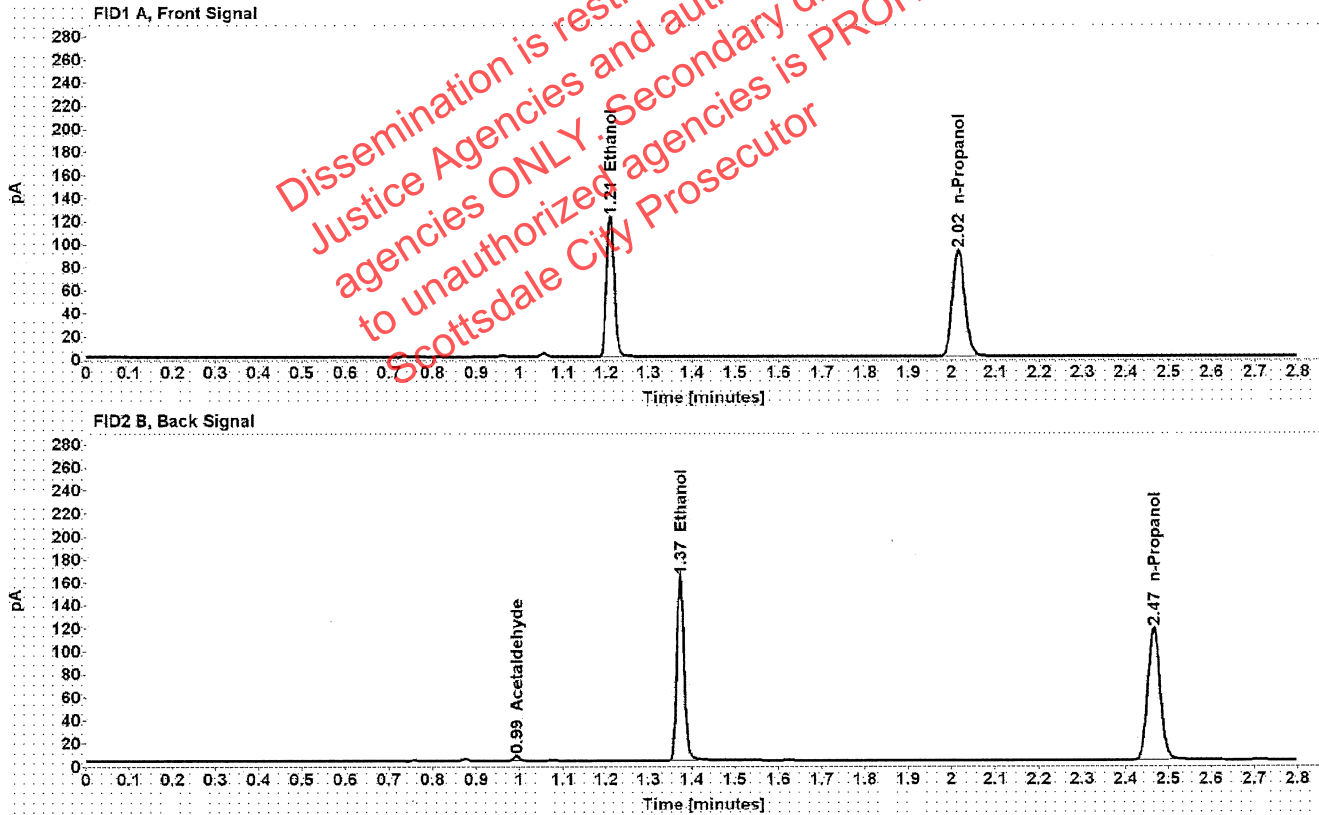
| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2283           | 1.209      | 148.890   |
| n-Propanol | -----            | 2.015      | 178.513   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.992      | 4.241     |
| Ethanol      | 1.373      | 188.574   |
| n-Propanol   | 2.466      | 224.672   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 1356741                       | Vial:           | 33                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 9:04:59 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\33.D | Analyst:        | Brooke               |



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

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2307           | 1.209      | 155.036   |
| n-Propanol | -----            | 2.015      | 183.873   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.992      | 4.196     |
| Ethanol      | 1.373      | 196.318   |
| n-Propanol   | 2.466      | 231.412   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 1390078                       | Vial:           | 34                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 9:08:59 PM |
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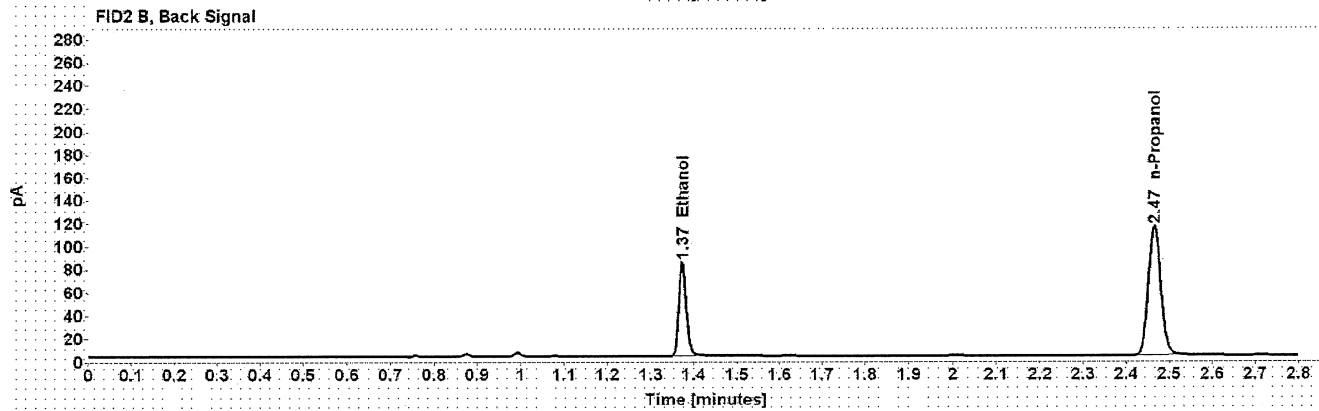
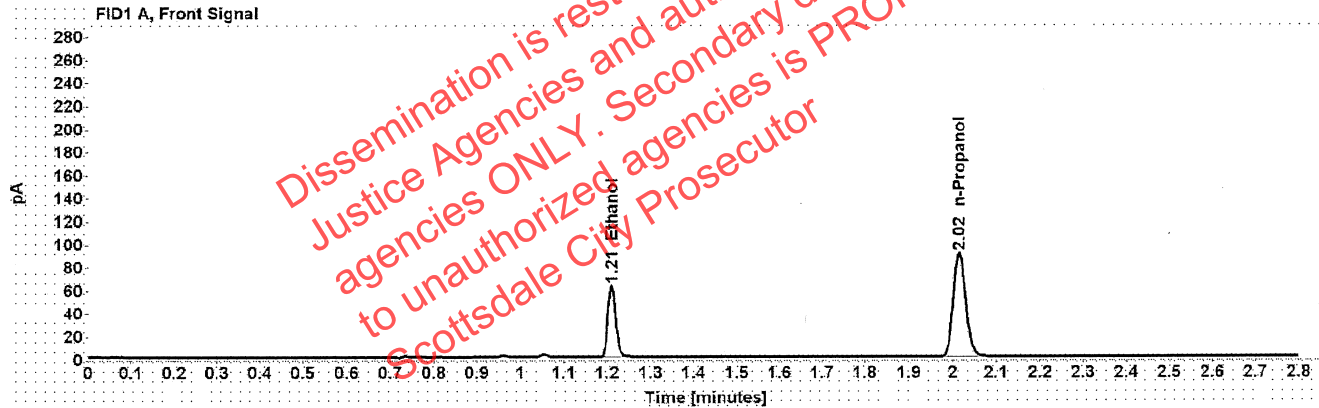


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1219           | 1.210      | 79.198    |
| n-Propanol | -----            | 2.015      | 179.313   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.374      | 99.817    |
| n-Propanol | 2.466      | 225.974   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 1390078                       | Vial:           | 35                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 9:12:59 PM |
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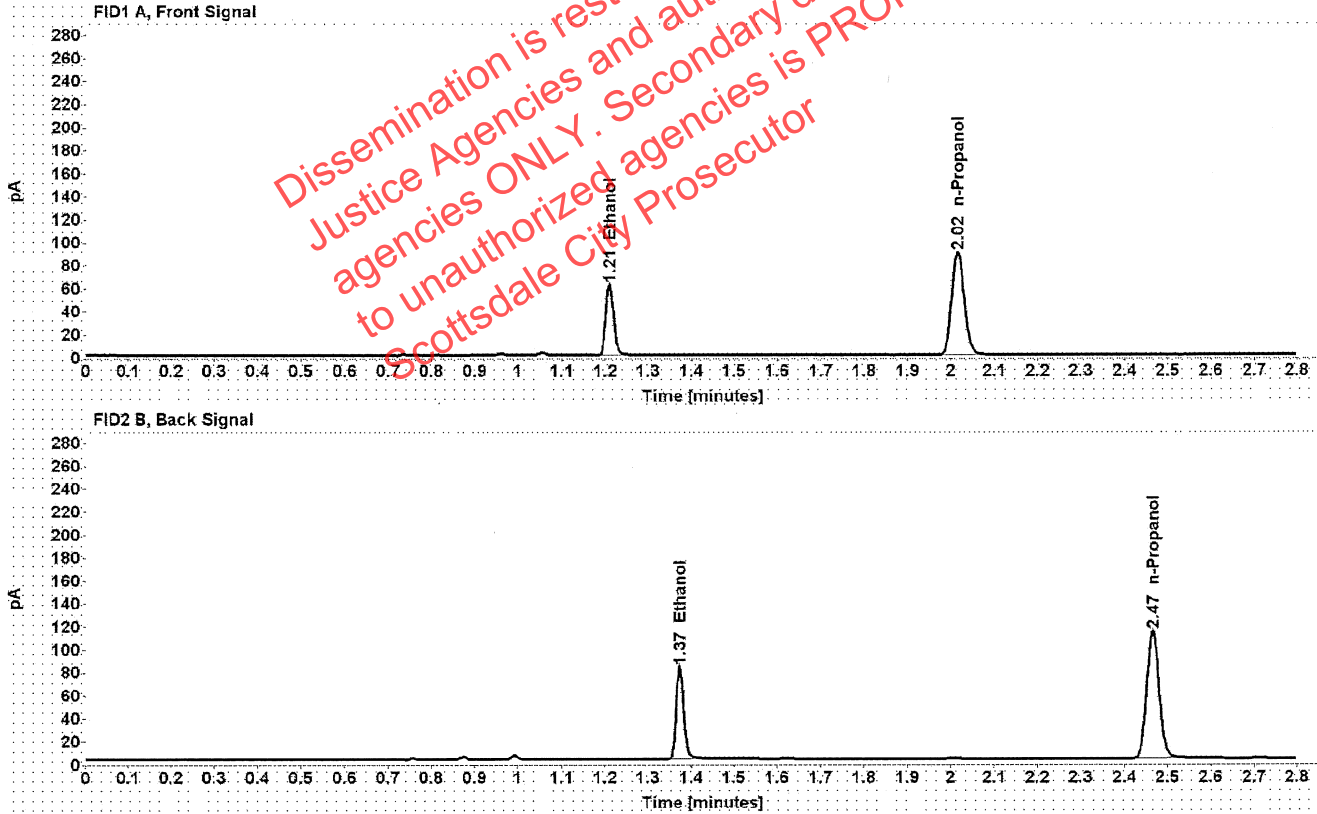


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1215           | 1.210      | 78.051    |
| n-Propanol | -----            | 2.015      | 177.395   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.374      | 98.092    |
| n-Propanol | 2.466      | 223.736   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 1388365                       | Vial:           | 36                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 9:16:59 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\36.D | Analyst:        | Brooke               |

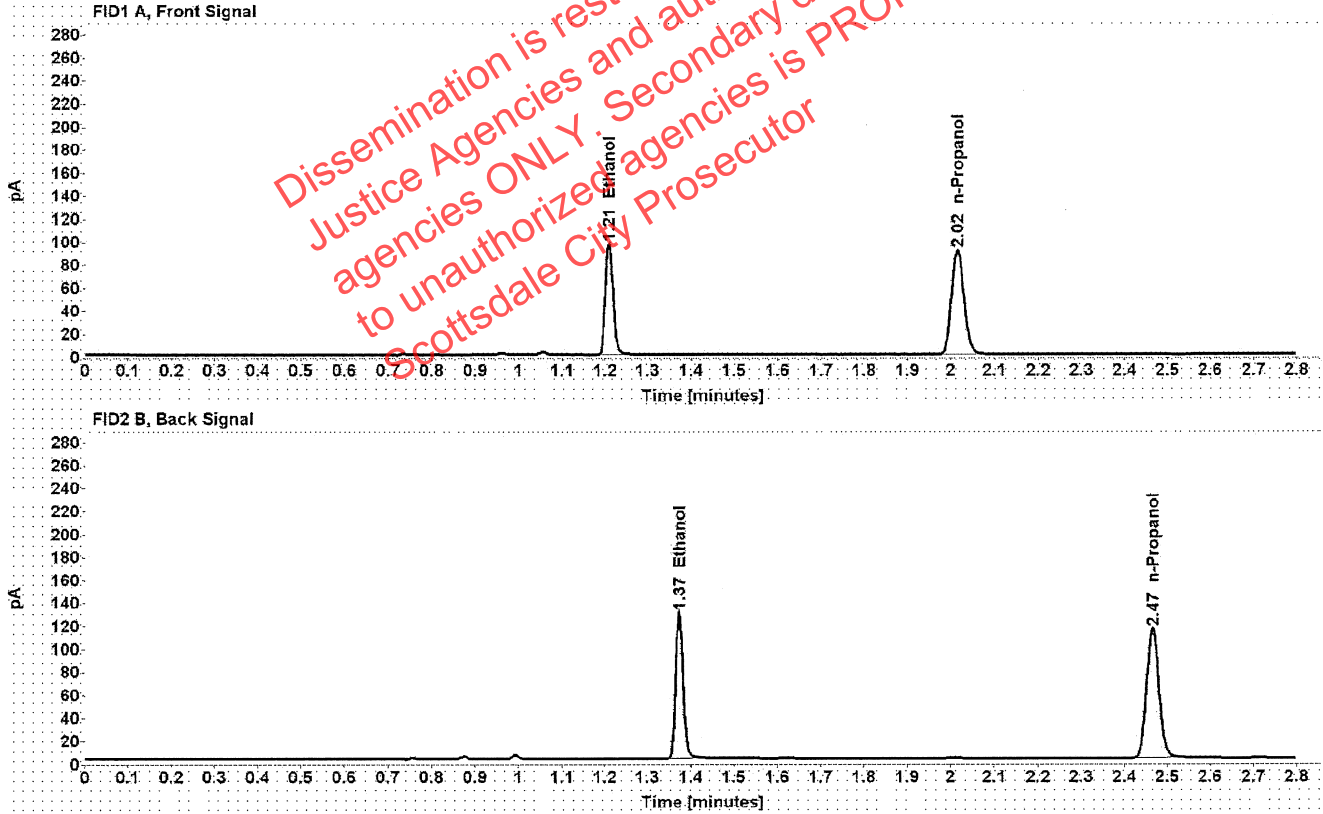


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1881           | 1.209      | 123.587   |
| n-Propanol | -----            | 2.015      | 180.202   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 155.583   |
| n-Propanol | 2.465      | 227.328   |

[REDACTED]: Brooke, Phillip - (29-Sep-2021)

Case: [REDACTED] User: pbrooke 9/29/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 1388365                       | Vial:           | 37                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 9:21:13 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\37.D | Analyst:        | Brooke               |

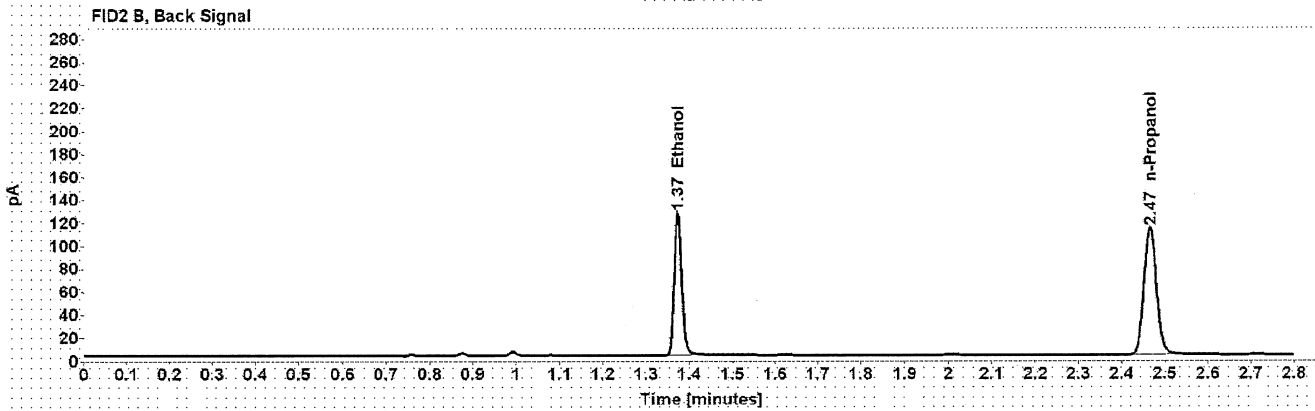
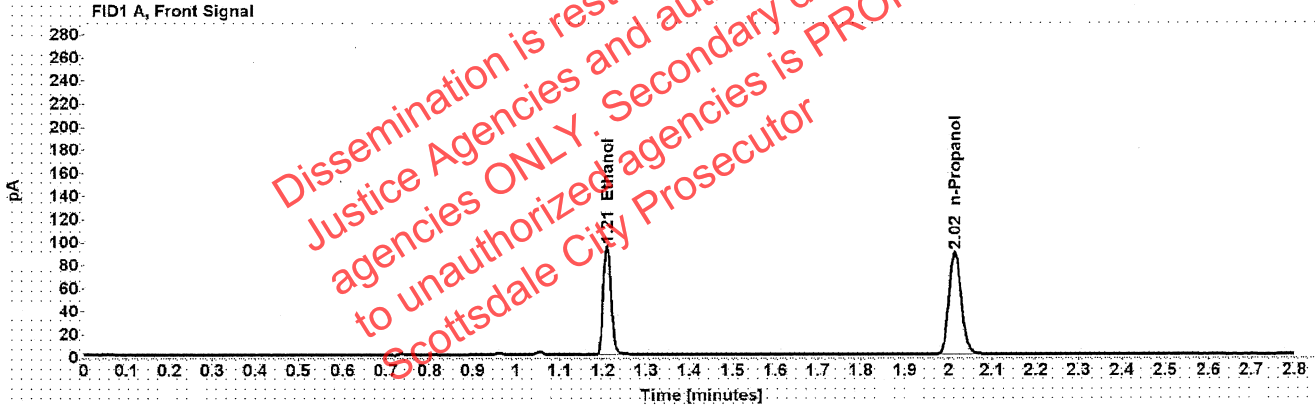


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1871           | 1.209      | 120.613   |
| n-Propanol | -----            | 2.015      | 176.841   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 151.822   |
| n-Propanol | 2.465      | 223.031   |



### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 1390168                       | Vial:           | 38                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 9:25:14 PM |
| Data file:   | C:\Chem3211\Data\28Sep21\38.D | Analyst:        | Brooke               |

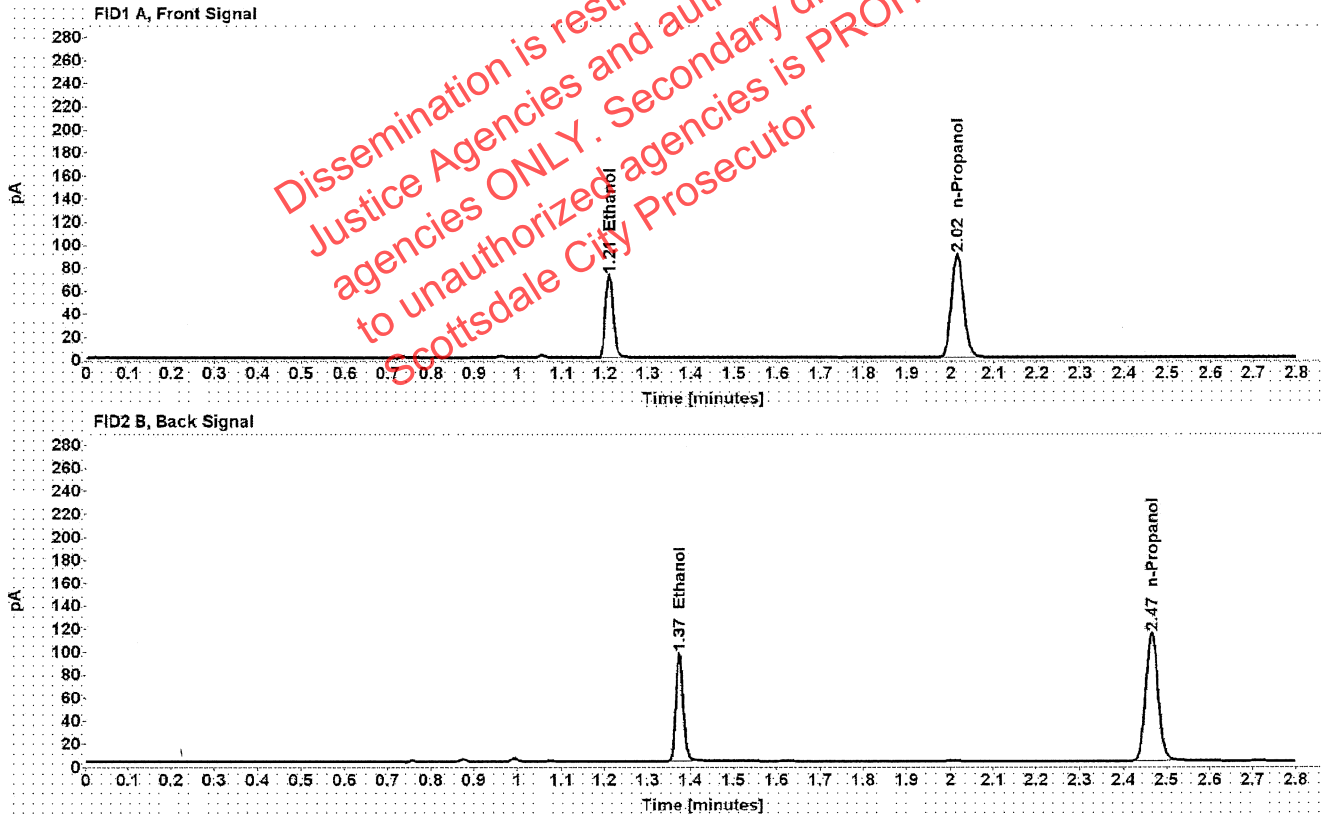


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1411           | 1.210      | 91.036    |
| n-Propanol | -----            | 2.015      | 177.698   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 114.676   |
| n-Propanol | 2.466      | 223.969   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 1390168                       | Vial:           | 39                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 9:29:14 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\39.D | Analyst:        | Brooke               |

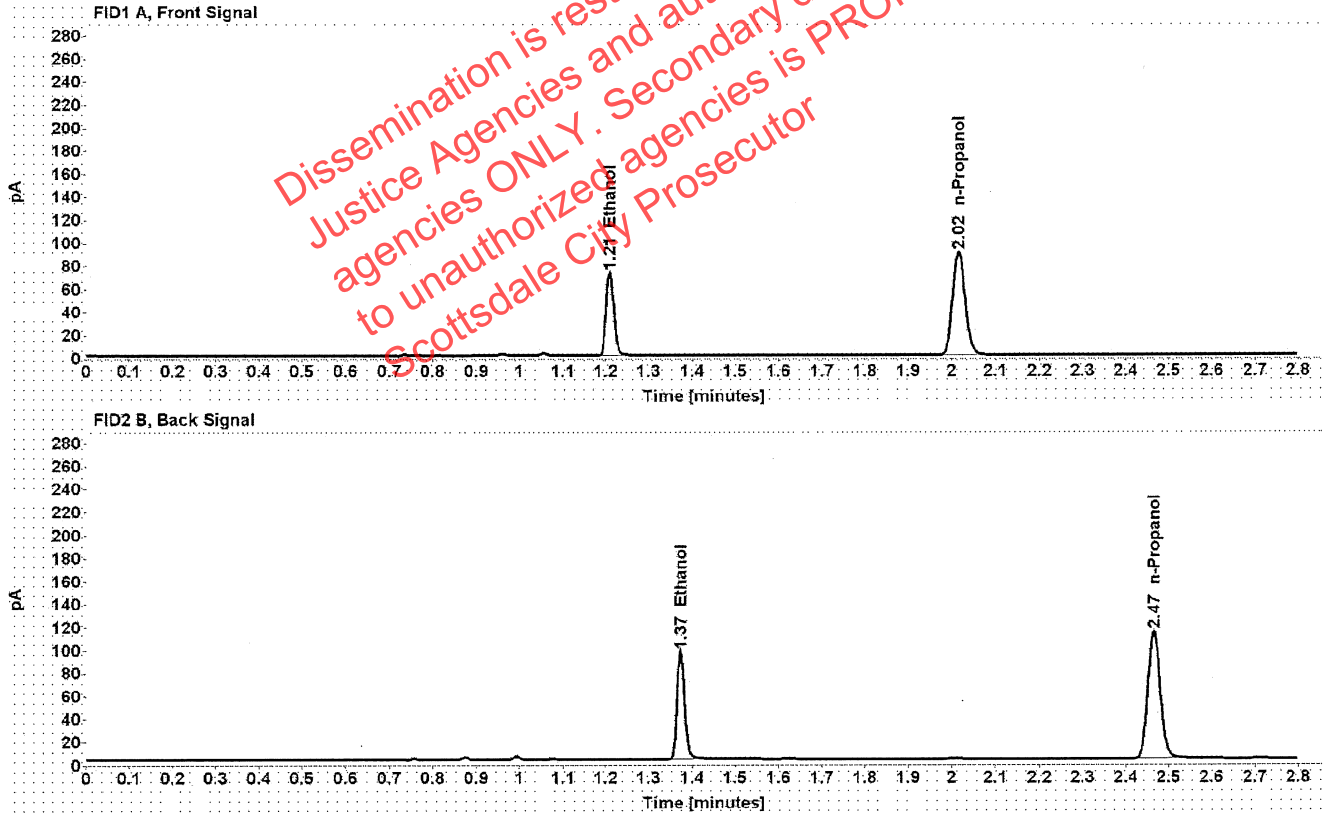


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1418           | 1.210      | 91.853    |
| n-Propanol | -----            | 2.015      | 178.350   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 115.479   |
| n-Propanol | 2.466      | 224.685   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 34701HD                       | Vial:           | 40                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 9:33:14 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\40.D | Analyst:        | Brooke               |

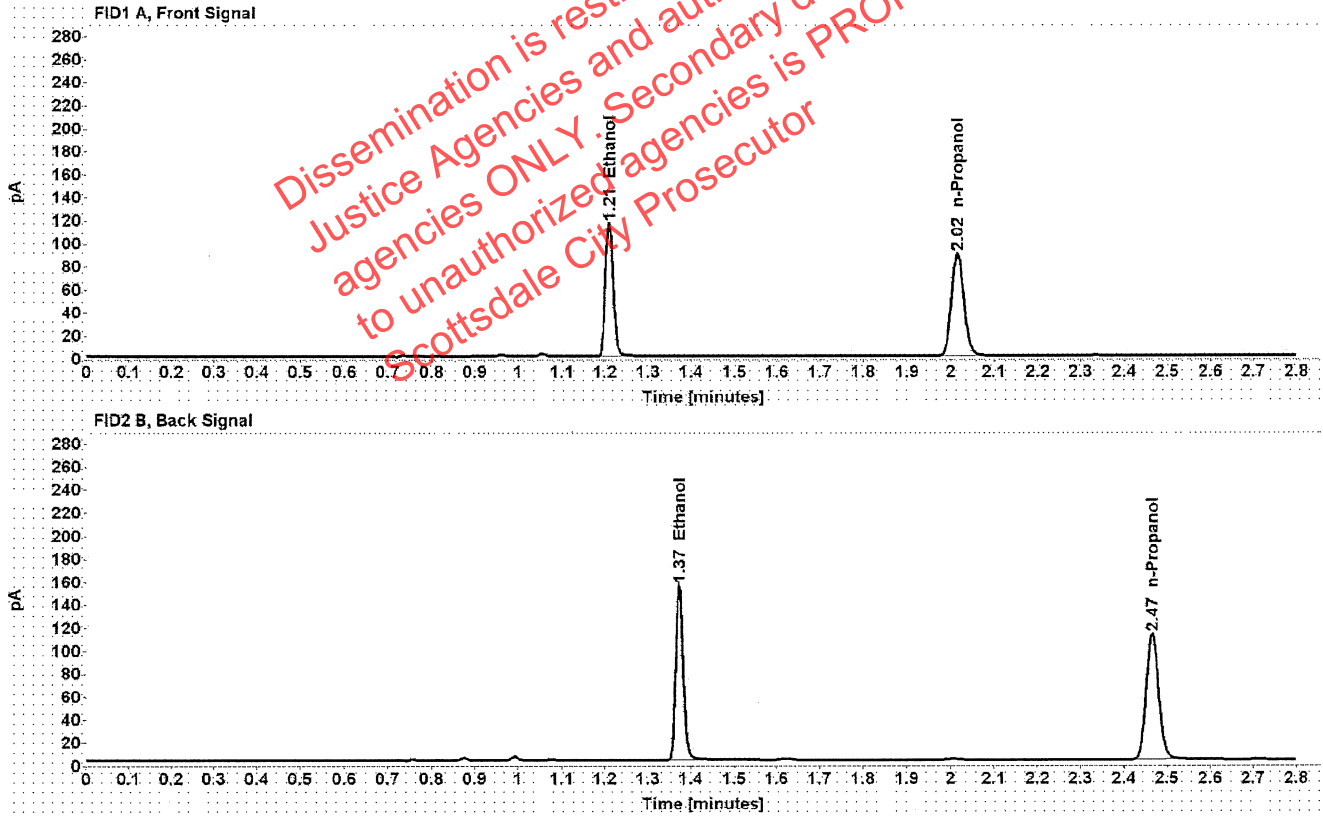


Table 1: FID 1 A (column DB-ALC1)

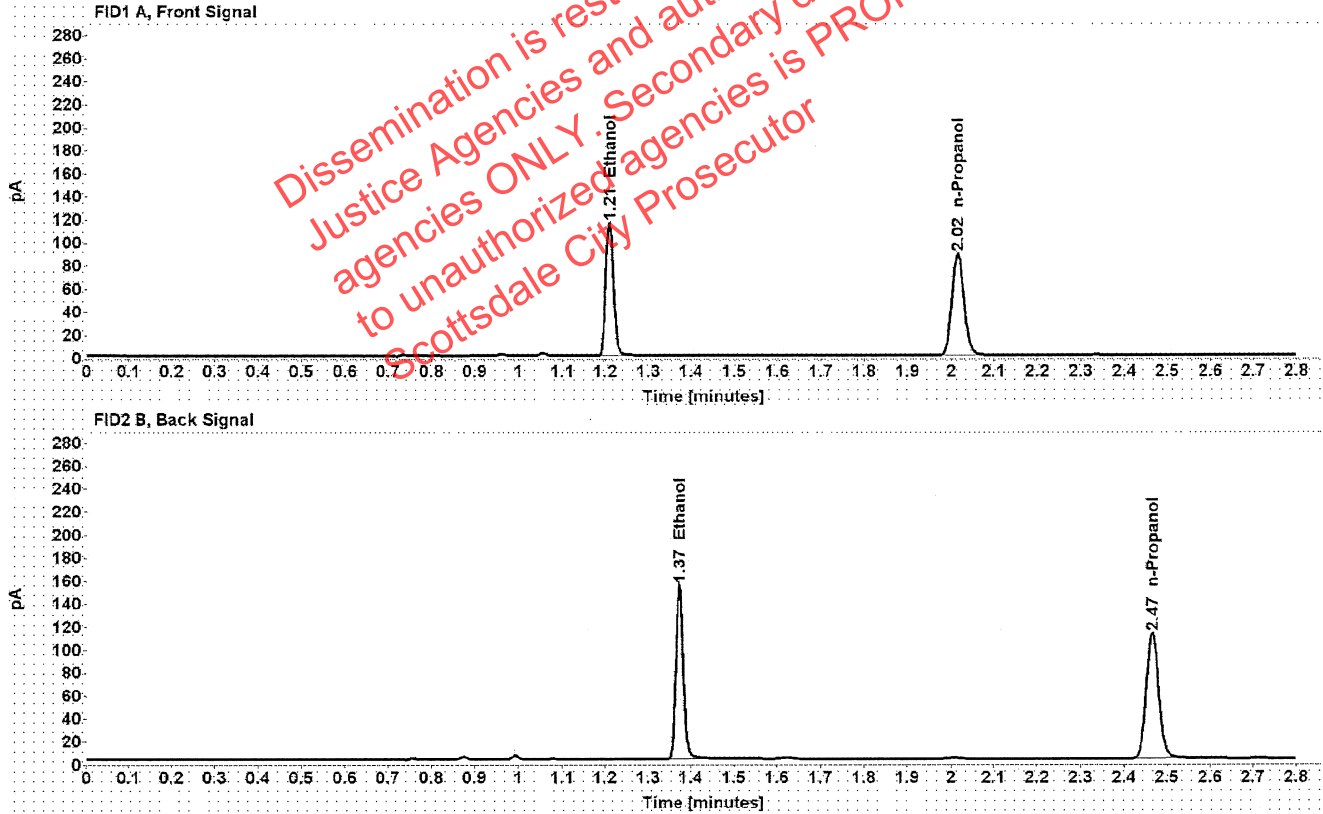
| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2296           | 1.209      | 147.908   |
| n-Propanol | -----            | 2.015      | 176.297   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 188.282   |
| n-Propanol | 2.466      | 222.224   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 34701HD                       | Vial:           | 41                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 9:37:14 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\41.D | Analyst:        | Brooke               |



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

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2298           | 1.209      | 146.905   |
| n-Propanol | -----            | 2.015      | 174.936   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 186.884   |
| n-Propanol | 2.466      | 220.617   |

## Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 39001CP                       | Vial:           | 43                   |
| Description: | ██████████                    | LIMS ID:        | ██████████           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 9:45:28 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\43.D | Analyst:        | Brooke               |

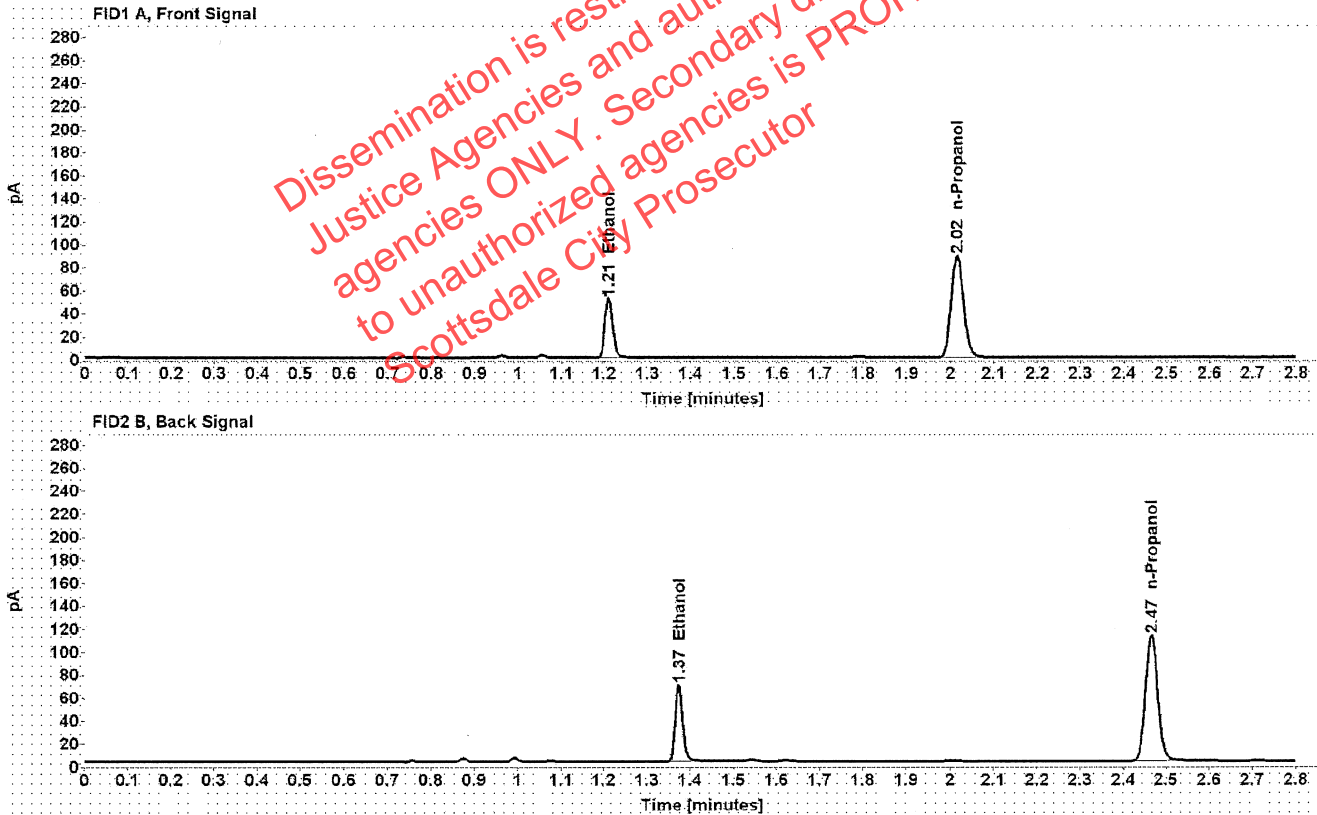


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1030           | 1.210      | 65.157    |
| n-Propanol | -----            | 2.015      | 175.216   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.374      | 81.876    |
| n-Propanol | 2.466      | 221.240   |

[REDACTED] : Brooke, Phillip - (29-Sep-2021)

Case: [REDACTED] User: pbrooke 9/29/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 39001CP                       | Vial:           | 44                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 9:49:28 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\44.D | Analyst:        | Brooke               |

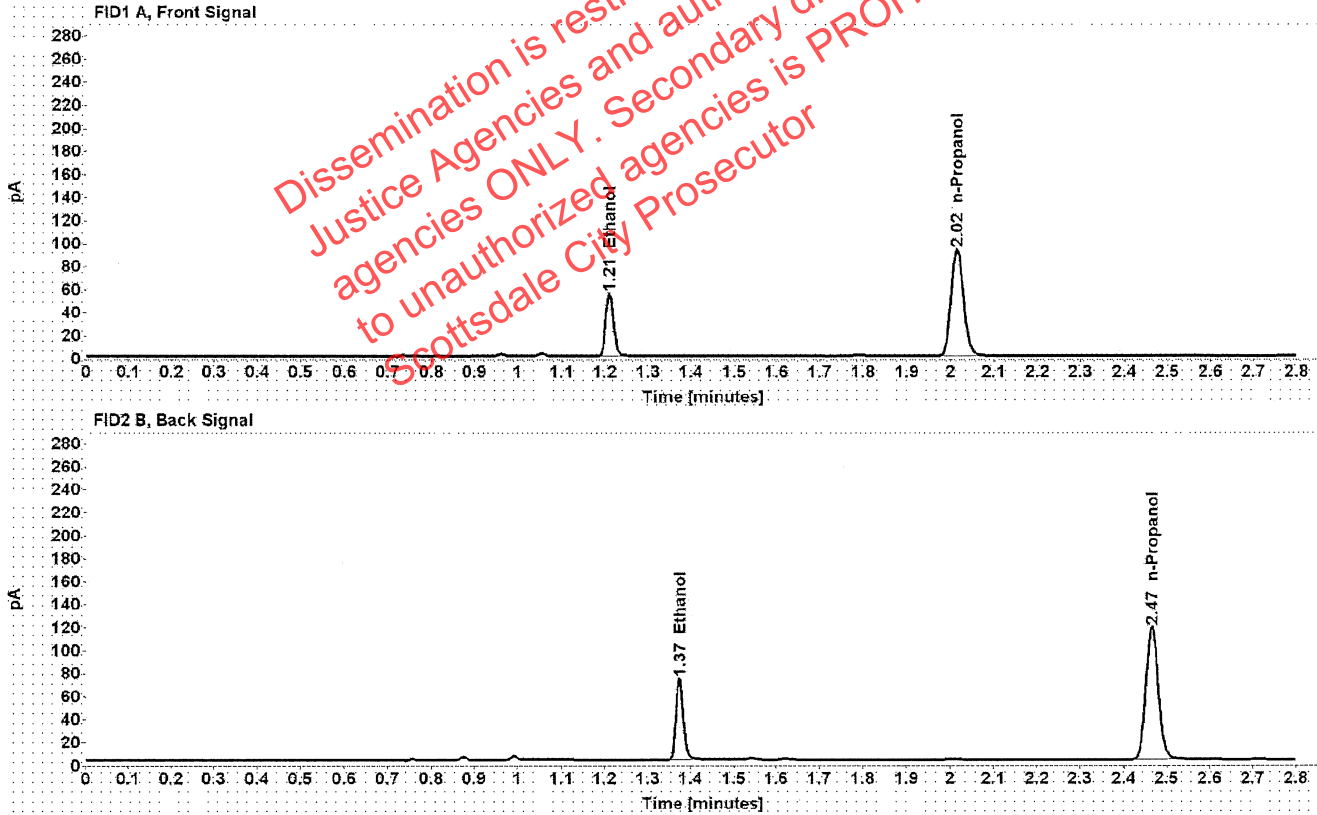


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1040           | 1.210      | 69.306    |
| n-Propanol | -----            | 2.015      | 184.575   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.374      | 86.891    |
| n-Propanol | 2.466      | 232.866   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 39201EA                       | Vial:           | 45                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 9:53:29 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\45.D | Analyst:        | Brooke               |

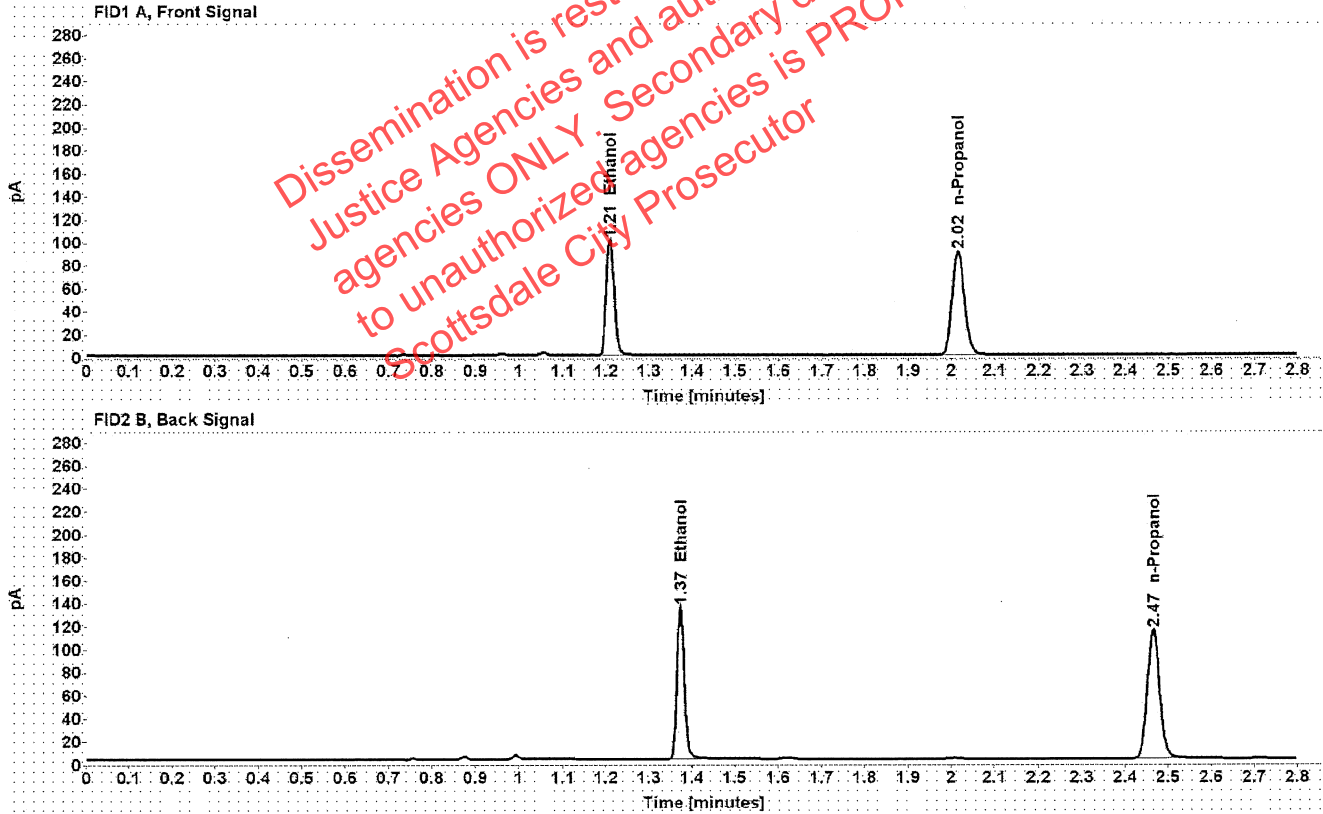


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1962           | 1.209      | 128.424   |
| n-Propanol | -----            | 2.015      | 179.441   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 163.719   |
| n-Propanol | 2.465      | 226.125   |

[REDACTED]: Brooke, Phillip - (29-Sep-2021)

Case: [REDACTED] User: pbrooke 9/29/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                      |
|--------------|-------------------------------|-----------------|----------------------|
| Sample:      | 39201EA                       | Vial:           | 46                   |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]           |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21              |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 9:57:29 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\46.D | Analyst:        | Brooke               |

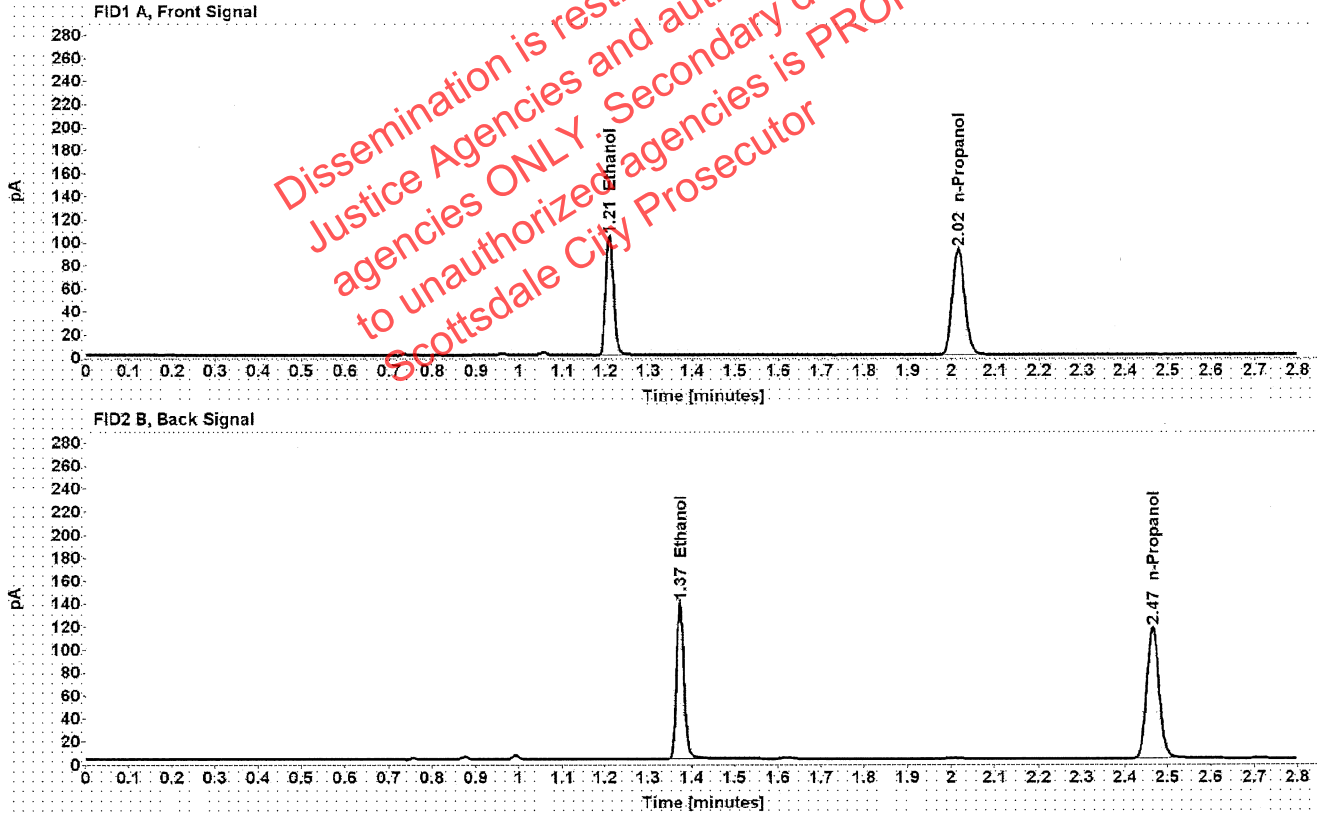


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1978           | 1.209      | 131.927   |
| n-Propanol | -----            | 2.015      | 182.774   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 168.234   |
| n-Propanol | 2.465      | 230.642   |



### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                       |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample:      | 33801CH                       | Vial:           | 47                    |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]            |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21               |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 10:01:28 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\47.D | Analyst:        | Brooke                |

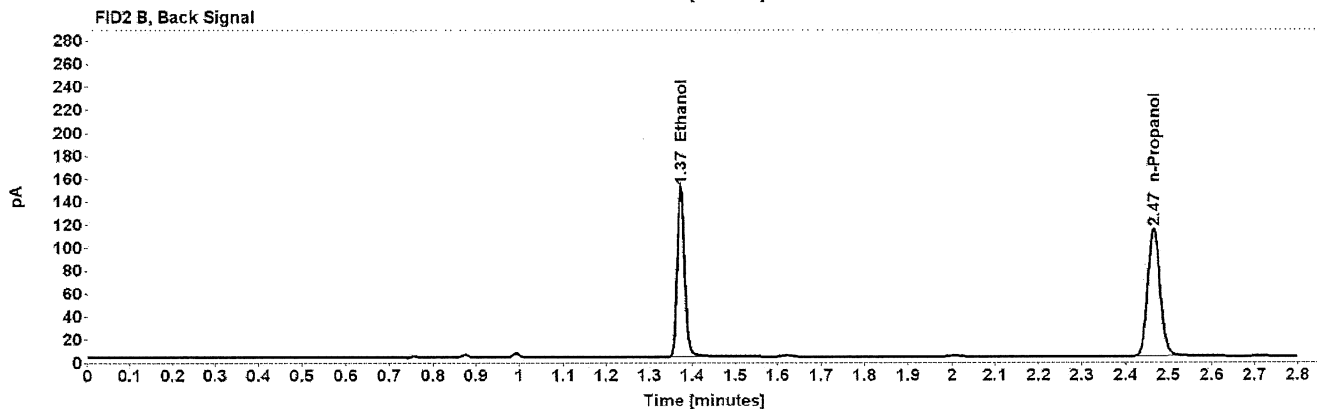
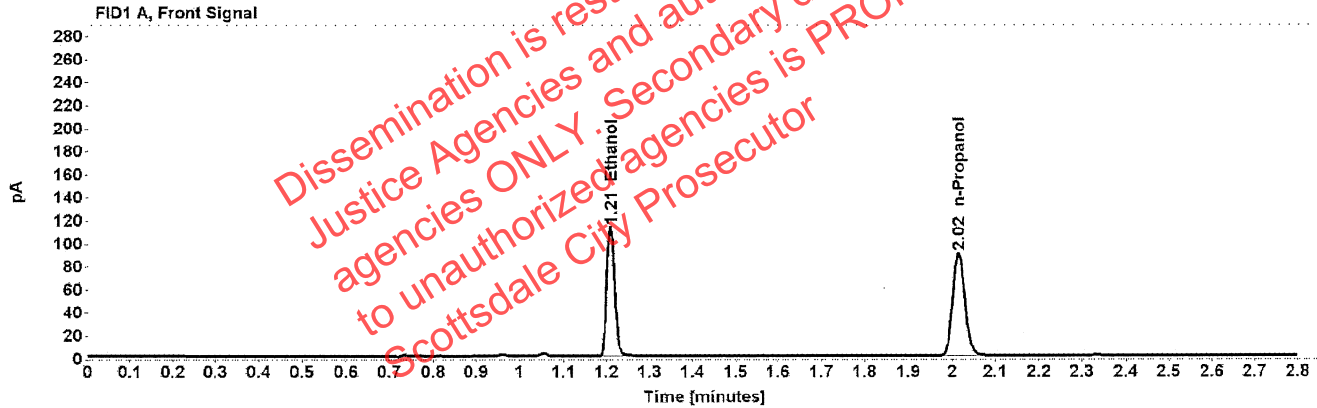


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2215           | 1.209      | 143.868   |
| n-Propanol | -----            | 2.015      | 177.822   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 182.833   |
| n-Propanol | 2.465      | 224.360   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                       |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample:      | 33801CH                       | Vial:           | 48                    |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]            |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21               |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 10:05:28 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\48.D | Analyst:        | Brooke                |

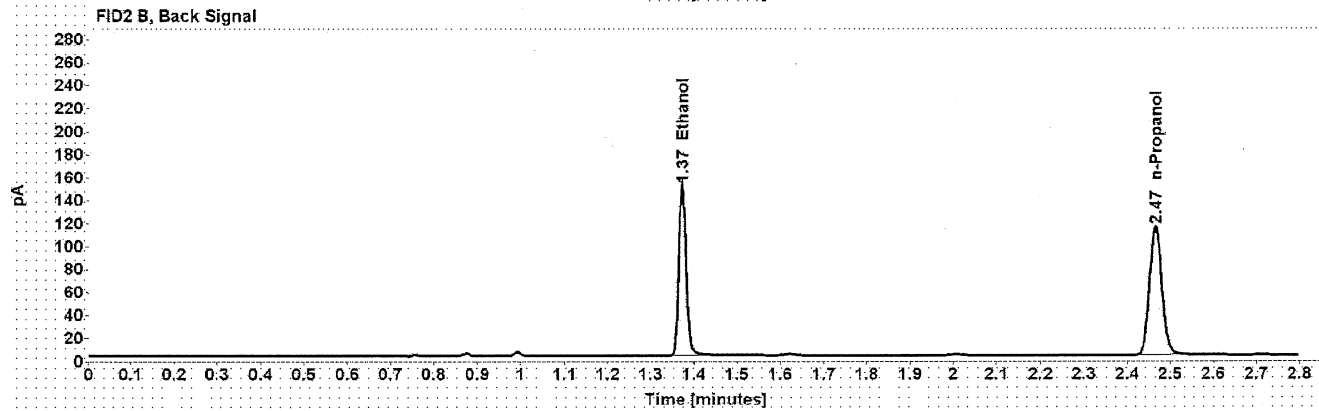
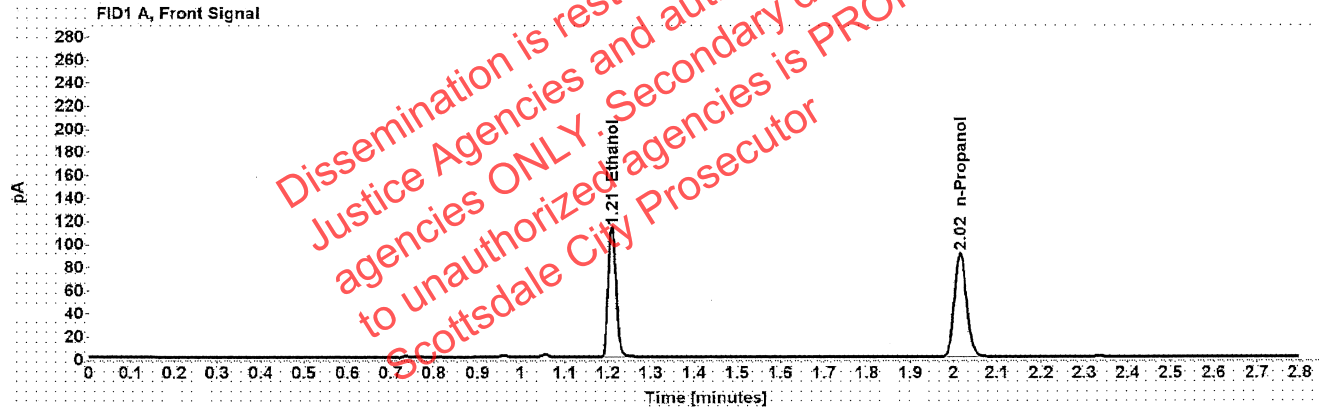


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.2207           | 1.209      | 143.908   |
| n-Propanol | -----            | 2.015      | 178.473   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 182.961   |
| n-Propanol | 2.466      | 225.098   |

██████████ : Brooke, Phillip - (29-Sep-2021)

Case: ██████████ User: pbrooke 9/29/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                       |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample:      | 33801MF                       | Vial:           | 49                    |
| Description: | ██████████                    | LIMS ID:        | ██████████            |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21               |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 10:09:44 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\49.D | Analyst:        | Brooke                |

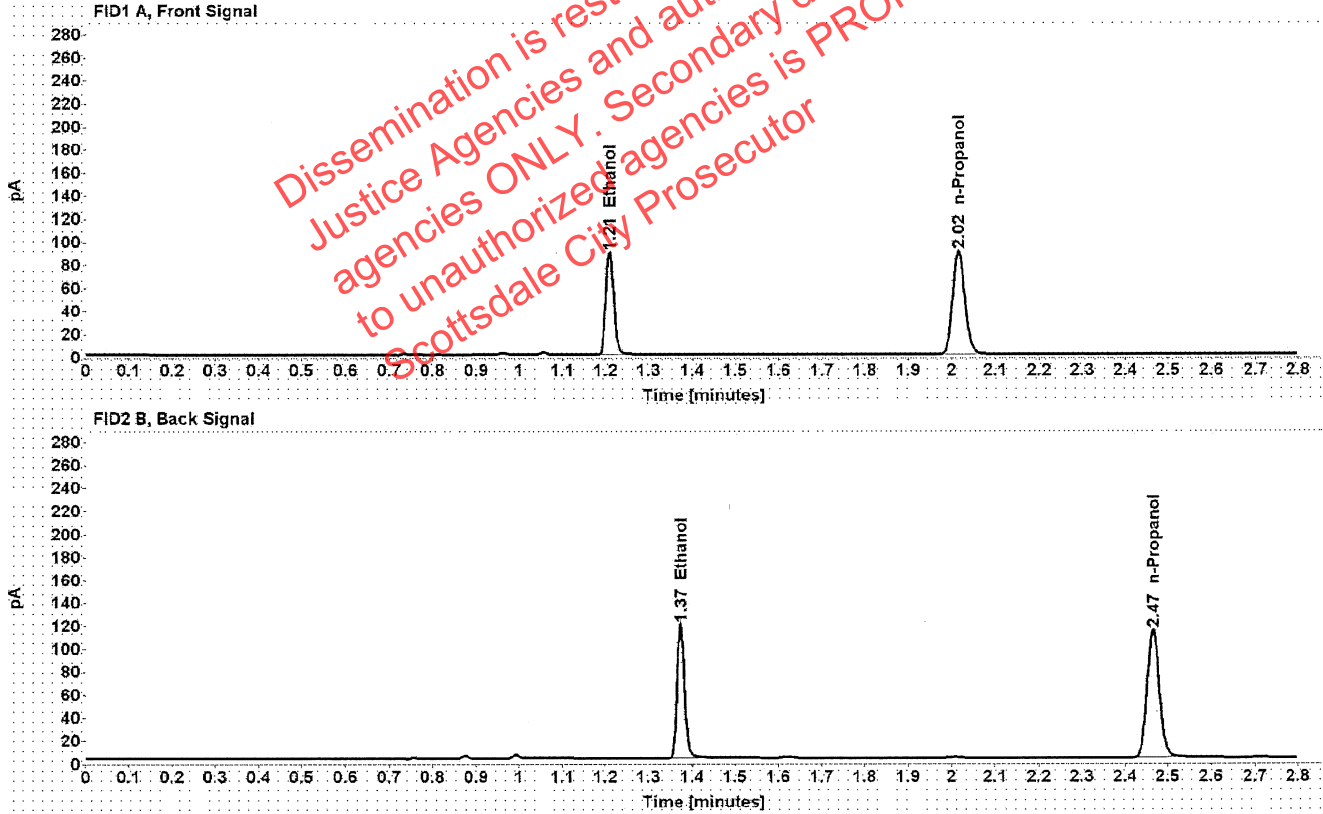


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1757           | 1.210      | 113.673   |
| n-Propanol | -----            | 2.015      | 177.583   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 144.481   |
| n-Propanol | 2.466      | 223.687   |

[REDACTED]: Brooke, Phillip - (29-Sep-2021)

Case: [REDACTED] User: pbrooke 9/29/2021

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                       |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample:      | 33801MF                       | Vial:           | 50                    |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]            |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21               |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 10:13:44 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\50.D | Analyst:        | Brooke                |

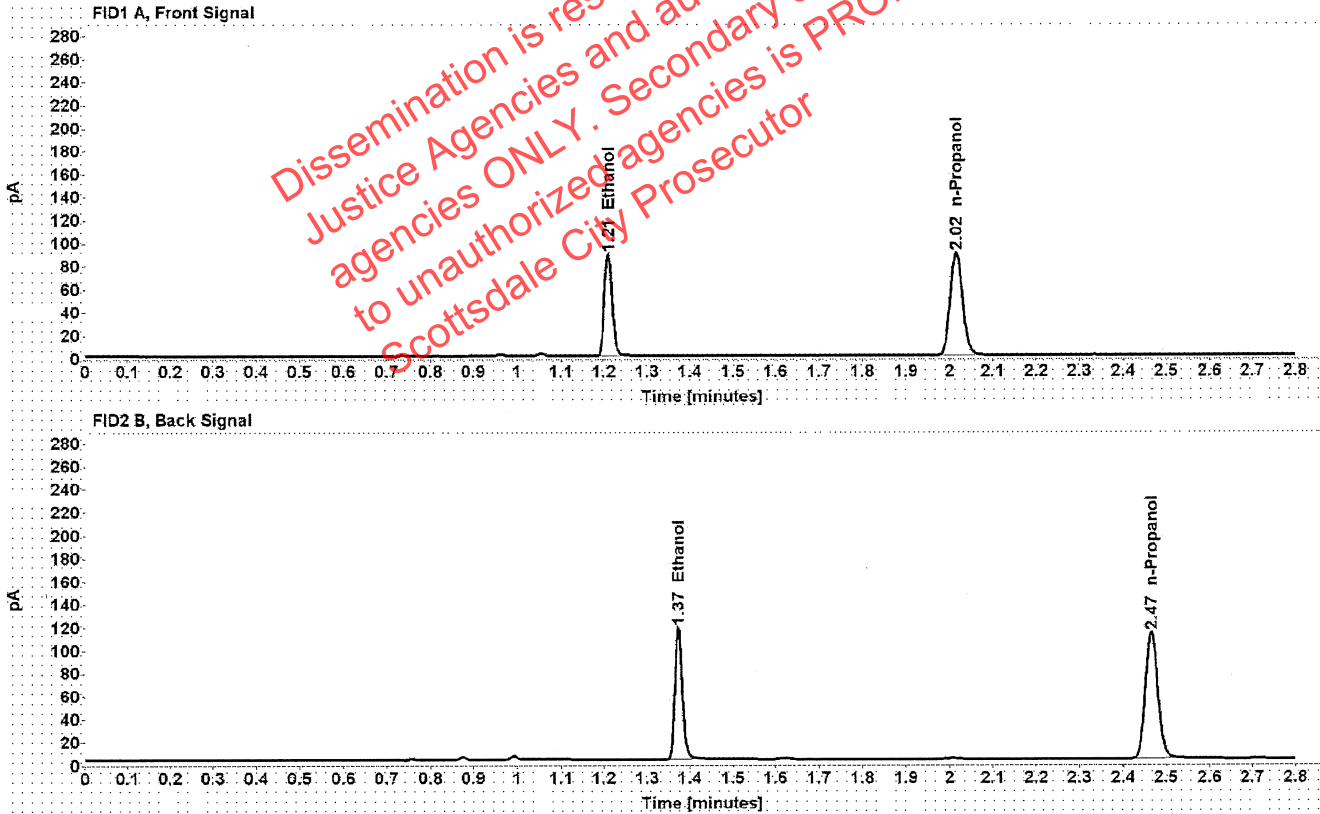


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1743           | 1.210      | 112.243   |
| n-Propanol | -----            | 2.015      | 176.817   |

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

| Compound   | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol    | 1.373      | 141.535   |
| n-Propanol | 2.466      | 222.785   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                       |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample:      | 1355677                       | Vial:           | 51                    |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]            |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21               |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 10:17:44 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\51.D | Analyst:        | Brooke                |

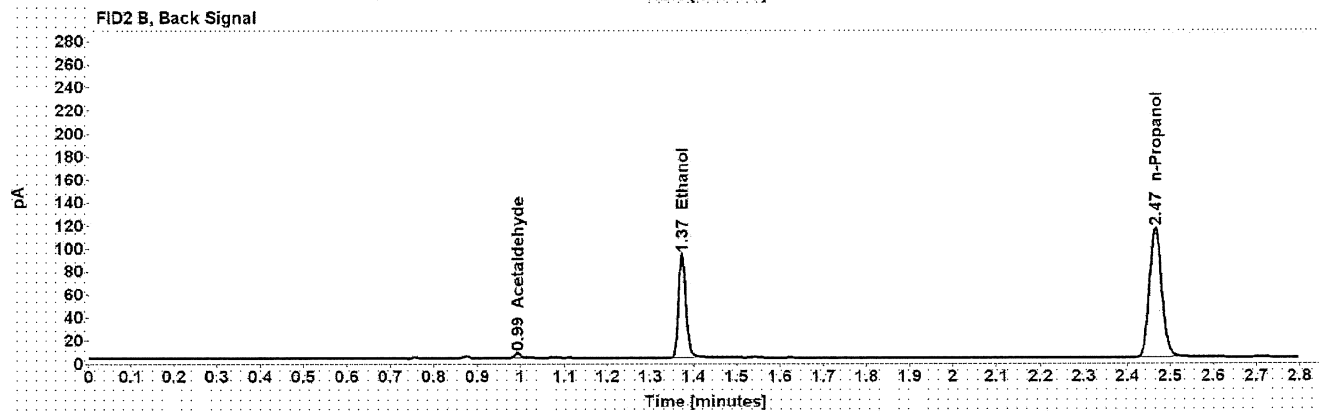
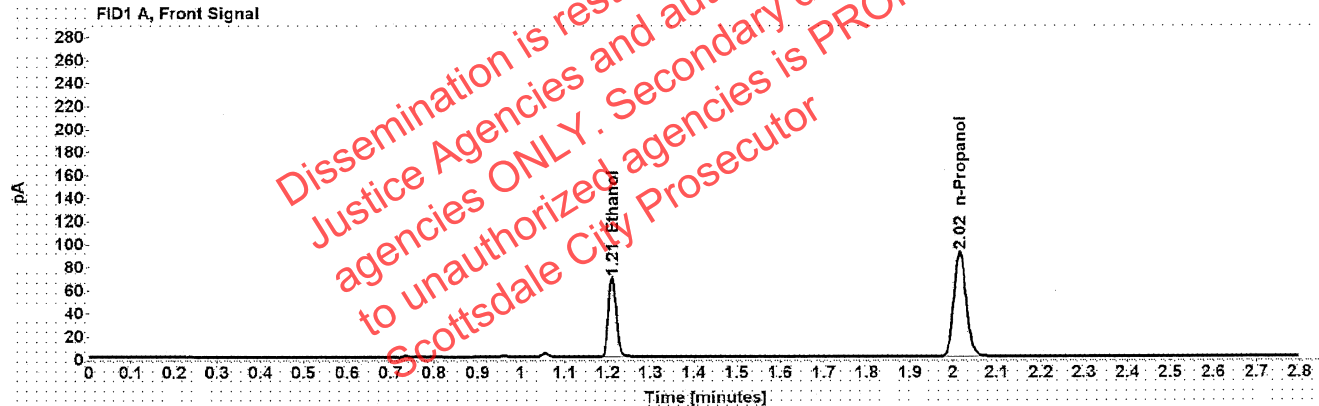


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1334           | 1.210      | 87.548    |
| n-Propanol | -----            | 2.015      | 180.927   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.992      | 4.327     |
| Ethanol      | 1.374      | 110.078   |
| n-Propanol   | 2.466      | 227.702   |

### Scottsdale Police Department Crime Lab Volatiles Analysis

|              |                               |                 |                       |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample:      | 1355677                       | Vial:           | 52                    |
| Description: | [REDACTED]                    | LIMS ID:        | [REDACTED]            |
| Method:      | ethanol quant.M               | Sequence:       | 28Sep21               |
| Instrument:  | US14173023 CN14160045         | Injection date: | 9/28/2021 10:21:43 PM |
| Data file:   | C:\Chem32\1\Data\28Sep21\52.D | Analyst:        | Brooke                |

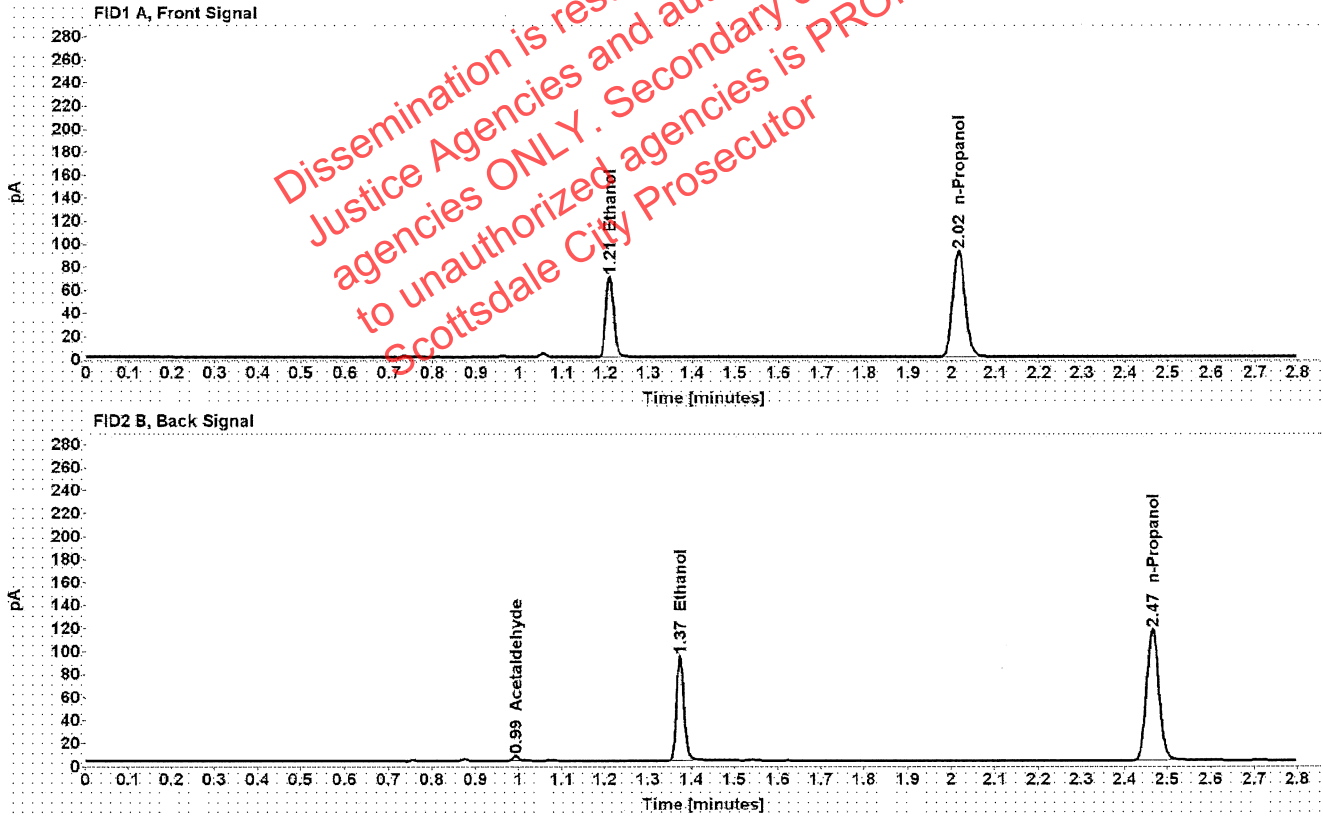


Table 1: FID 1 A (column DB-ALC1)

| Compound   | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol   | 0.1337           | 1.210      | 88.719    |
| n-Propanol | -----            | 2.015      | 182.922   |

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

| Compound     | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.992      | 4.338     |
| Ethanol      | 1.374      | 111.454   |
| n-Propanol   | 2.466      | 230.174   |