

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 7/24/19

SEQUENCE NAME 24Jul19

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03241604 Coefficient of determination (r²)
Vial 2 0.10 calibrator Lot FN02271802 1.00000
Vial 3 0.20 calibrator Lot FN06231704
Vial 4 0.40 calibrator Lot FN05131606

CALIBRATION VERIFICATION AND RESOLUTION TEST

| Vial | Sample | Expected result | Measured result | Manufacturer/lot |
|------|-------------------|-----------------|-----------------|----------------------|
| 5 | blank | Not detected | Not detected | SPD lab 061219 |
| 6 | Volatiles mixture | 6 compounds | 6 compounds | SPD lab 070819 |
| 7 | Aqueous control | 0.400 g/dL | 0.406 g/dL | Lipomed 08012015-C |
| 8 | Aqueous control | 0.040 g/dL | 0.039 g/dL | Lipomed 09022015-A |
| 9 | Blood control | 0.198 g/dL | 0.202 g/dL | ACQ 407041529/13 |
| 20 | Aqueous control | 0.080 g/dL | 0.080 g/dL | Lipomed 03102016-A/1 |
| 31 | Aqueous control | 0.150 g/dL | 0.151 g/dL | Lipomed 09022015-C |
| 42 | Blood control | 0.198 g/dL | 0.201 g/dL | ACQ 407041529/13 |
| 53 | Aqueous control | 0.400 g/dL | 0.408 g/dL | Lipomed 08012015-C |
| 54 | Aqueous control | 0.040 g/dL | 0.040 g/dL | Lipomed 09022015-A |
| 55 | Blood control | 0.198 g/dL | 0.200 g/dL | ACQ 407041529/13 |
| 56 | blank | Not detected | Not detected | SPD Lab 040919WB |
| | | | | |
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| | | | | |

SUBJECT SAMPLES

Subjects in the sequence 20 Subjects requiring reanalysis 0

ADDITIONAL NOTES: Added middle initial to subject name for DR 19-00314 after run was completed.

Run valid
Run invalid

KOSECKI 7/26/19
Analyst

Run valid
Run invalid

Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

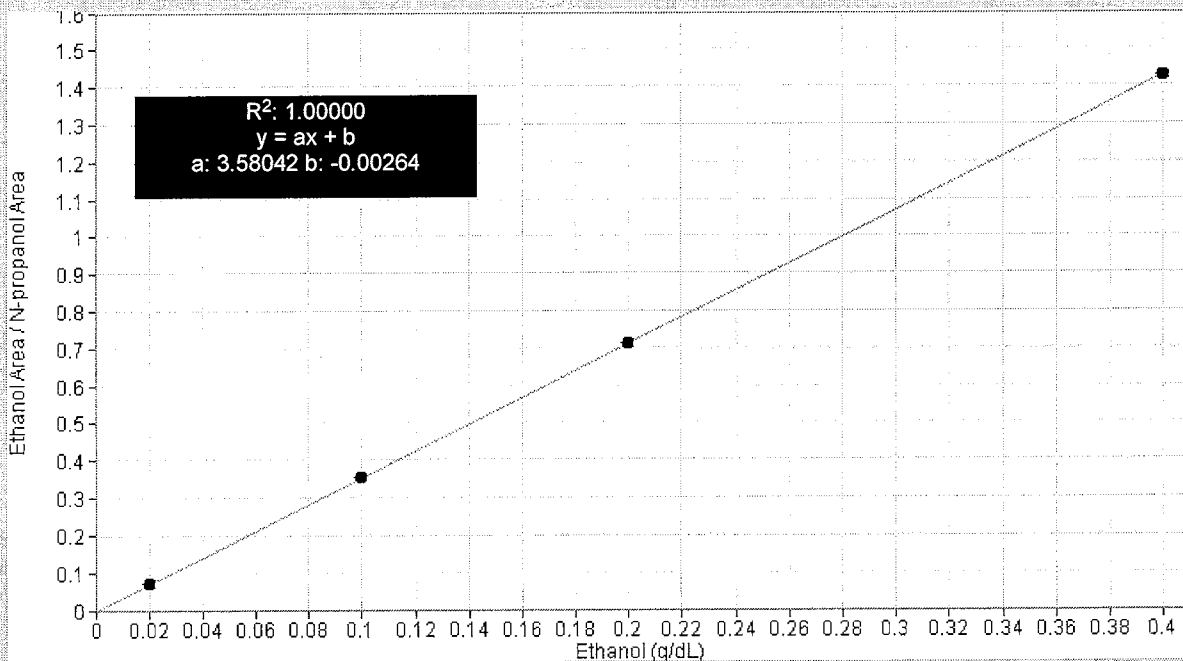
SEQUENCE NAME: 24Jul19

ANALYST: Kosecki ^A

| Sample Name | Vial | Measured Value (g/dL) | Expected Value (g/dL) | Percent Difference | Absolute Difference (g/dL) |
|--------------------|------|-----------------------|-----------------------|--------------------|----------------------------|
| blank 061219 | 5 | negative | negative | - | - |
| 0.400 08012015-C | 7 | 0.406 | 0.400 | 1.50 | 0.006 |
| 0.040 09022015-A | 8 | 0.039 | 0.040 | 2.50 | -0.001 |
| 0.198 407041529/13 | 9 | 0.202 | 0.198 | 2.02 | 0.004 |
| 0.080 03102016-A/1 | 20 | 0.080 | 0.080 | 0.00 | 0.000 |
| 0.150 09022015-C | 31 | 0.157 | 0.150 | 0.67 | 0.001 |
| 0.198 407041529/13 | 42 | 0.201 | 0.198 | 1.52 | 0.003 |
| 0.40 08012015-C | 53 | 0.408 | 0.400 | 2.00 | 0.008 |
| 0.04 09022015-A | 54 | 0.040 | 0.040 | 0.00 | 0.000 |
| 0.198 407041529/13 | 55 | 0.200 | 0.198 | 1.01 | 0.002 |
| blank 040919WB | 56 | negative | negative | - | - |

| Calibrator | Ethanol Area | N-propanol Area | Ratio |
|------------|--------------|-----------------|-------|
| 0.020 | 12.297 | 175.233 | 0.070 |
| 0.100 | 60.584 | 171.026 | 0.354 |
| 0.200 | 121.256 | 170.091 | 0.713 |
| 0.400 | 240.215 | 167.979 | 1.430 |

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|---------------------|------------------------------|------------------------|----------------------|
| Sample: | FN03241604 | Vial: | 1 |
| Description: | 0.020 calibrator | Sequence: | 24Jul19 |
| Method: | ethanol quant.M | Injection date: | 7/24/2019 2:01:27 PM |
| Instrument: | US14173023 CN14160045 | Analyst: | Kosecki <i>AK</i> |
| Data file: | C:\Chem32\1\Data\24Jul19\1.D | | |

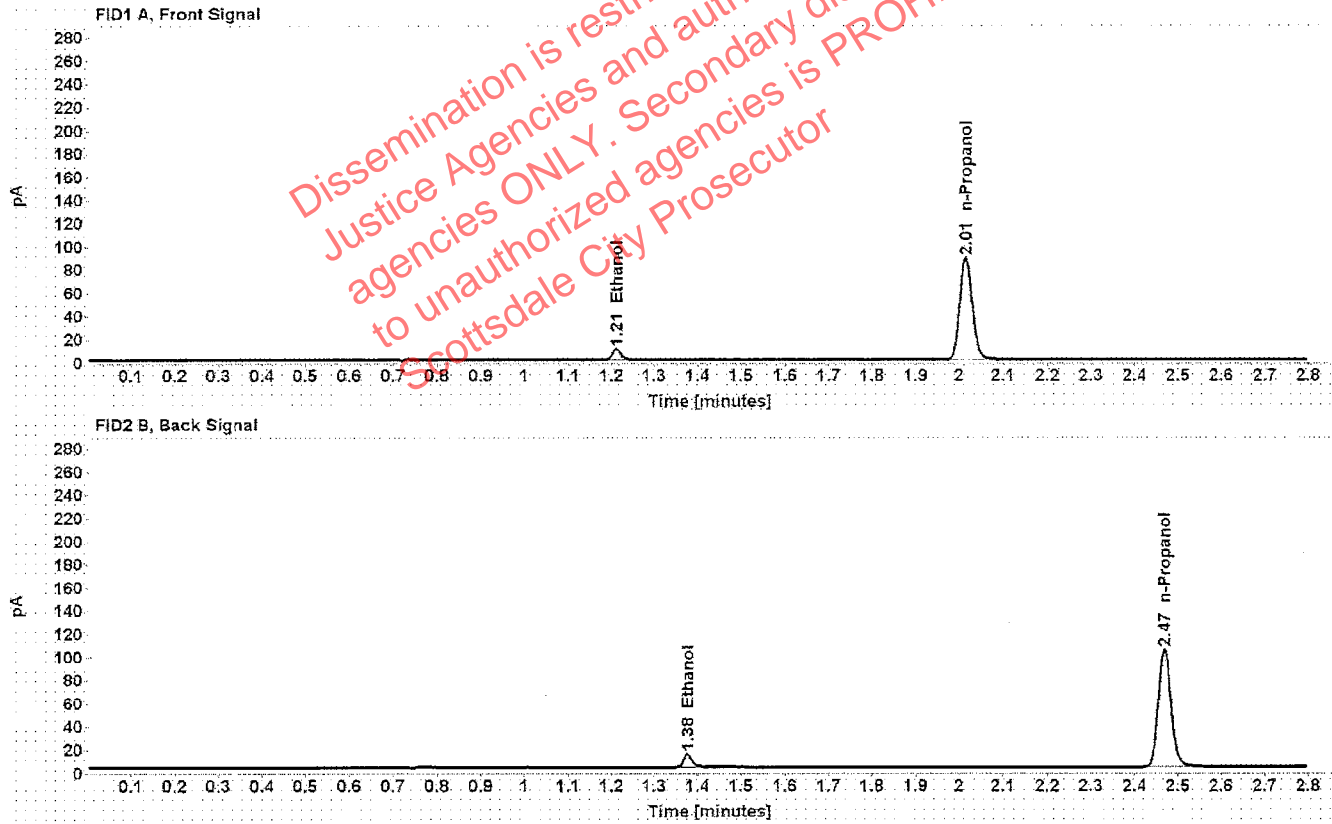


Table 1: FID 1 A (column DB-ALC1)

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.212 | 12.297 |
| n-Propanol | 2.015 | 175.233 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.377 | 14.885 |
| n-Propanol | 2.469 | 208.516 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|---|
| Sample: FN02271802 | Vial: 2 |
| Description: 0.100 calibrator | Sequence: 24Jul19 |
| Method: ethanol quant.M | Injection date: 7/24/2019 2:05:25 PM |
| Instrument: US14173023 CN14160045 | Analyst: Kosecki <i>K</i> |
| Data file: C:\Chem32\1\Data\24Jul19\2.D | |

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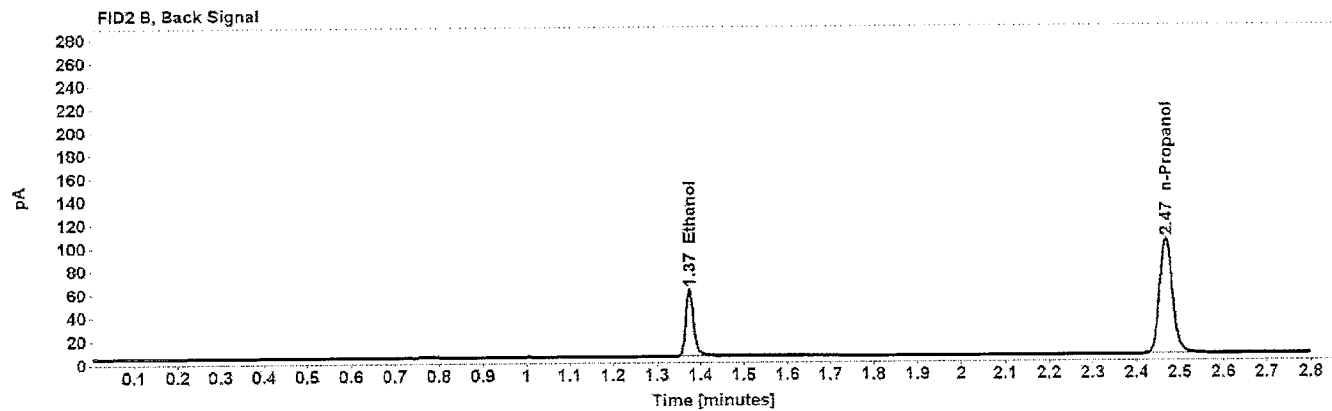
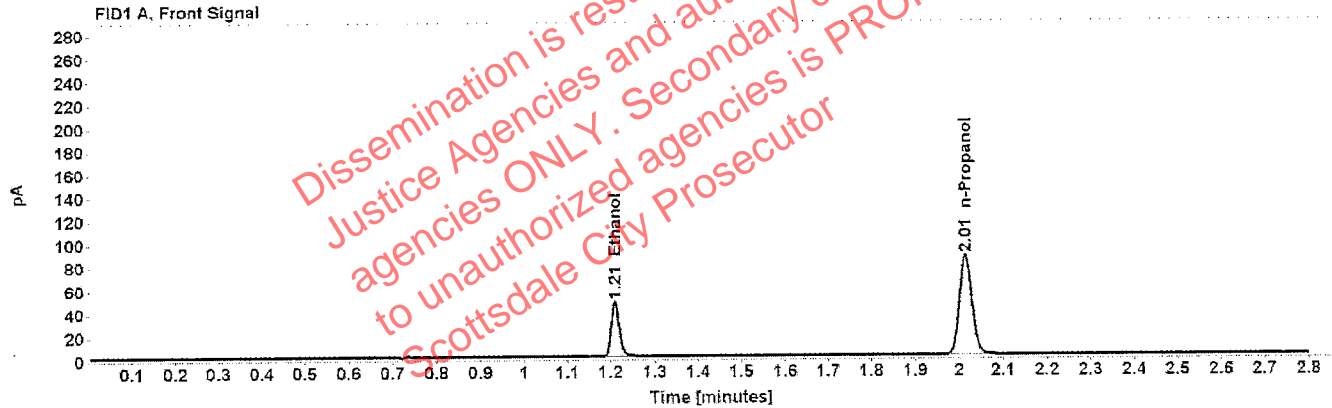


Table 1: FID 1 A (column DB-ALC1)

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.209 | 60.584 |
| n-Propanol | 2.014 | 171.026 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 73.840 |
| n-Propanol | 2.468 | 204.698 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|---|--------------------------------------|
| Sample: FN06231704 | Vial: 3 |
| Description: 0.200 calibrator | Sequence: 24Jul19 |
| Method: ethanol quant.M | Injection date: 7/24/2019 2:09:25 PM |
| Instrument: US14173023 CN14160045 | Analyst: Kosecki <i>K</i> |
| Data file: C:\Chem32\1\Data\24Jul19\3.D | |

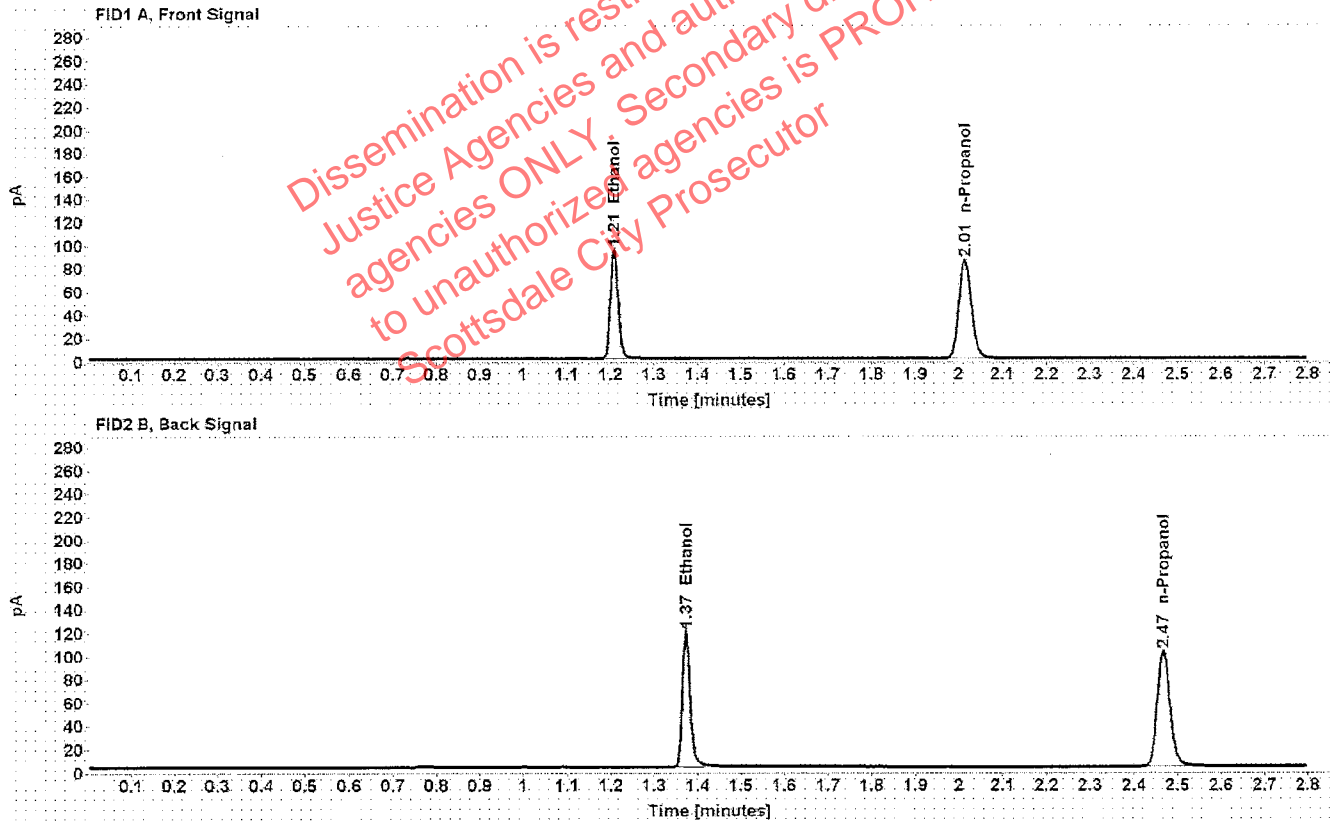


Table 1: FID 1 A (column DB-ALC1)

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.208 | 121.256 |
| n-Propanol | 2.014 | 170.091 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.373 | 148.818 |
| n-Propanol | 2.468 | 203.718 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|---|--------------------------------------|
| Sample: FN05131606 | Vial: 4 |
| Description: 0.400 calibrator | Sequence: 24Jul19 |
| Method: ethanol quant.M | Injection date: 7/24/2019 2:13:25 PM |
| Instrument: US14173023 CN14160045 | Analyst: Kosecki |
| Data file: C:\Chem32\1\Data\24Jul19\4.D | |

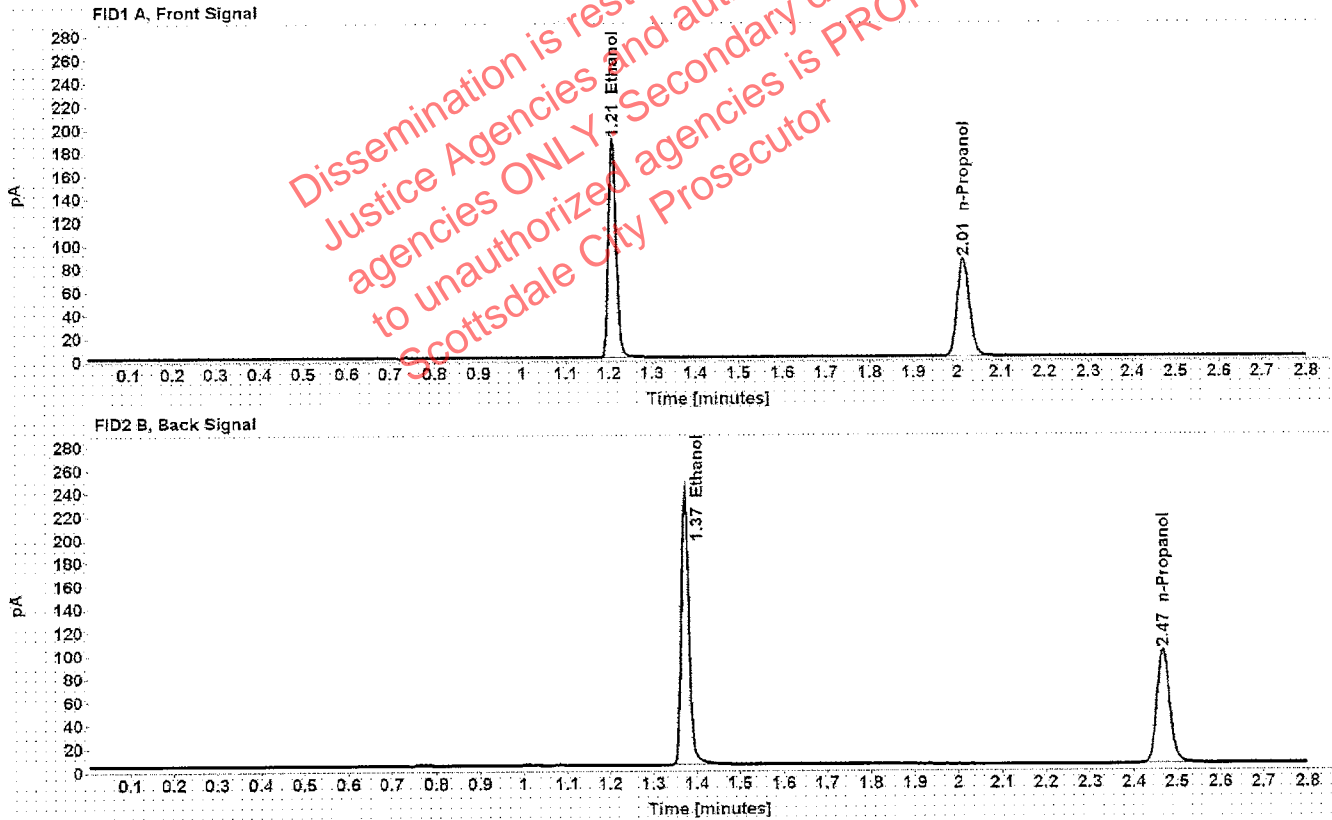


Table 1: FID 1 A (column DB-ALC1)

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.208 | 240.215 |
| n-Propanol | 2.014 | 167.979 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.373 | 296.446 |
| n-Propanol | 2.468 | 201.446 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|---|--------------------------------------|
| Sample: 061219 | Vial: 5 |
| Description: Negative | LIMS ID: |
| Method: ethanol quant.M | Sequence: 24Jul19 |
| Instrument: US14173023 CN14160045 | Injection date: 7/24/2019 2:17:25 PM |
| Data file: C:\Chem32\1\Data\24Jul19\5.D | Analyst: Kosecki <i>K</i> |

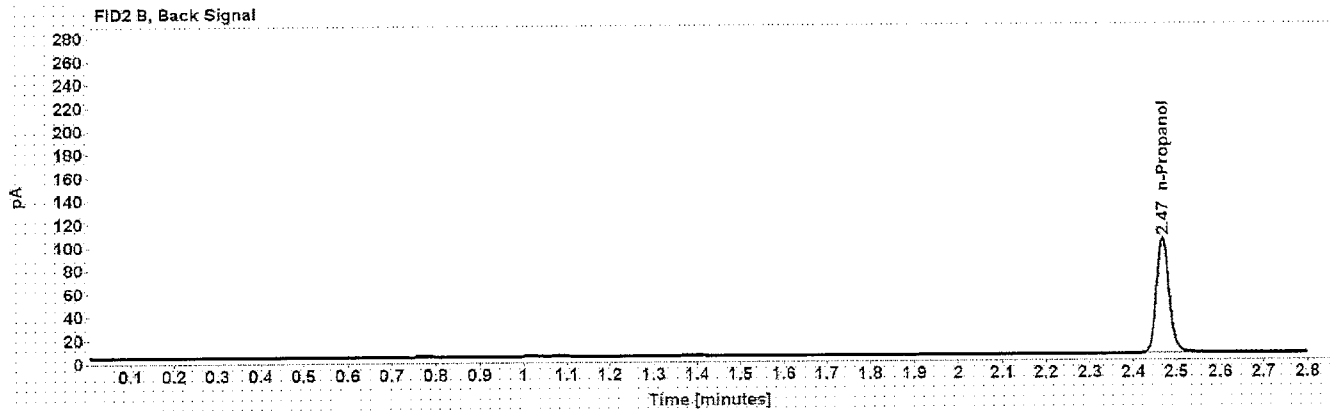
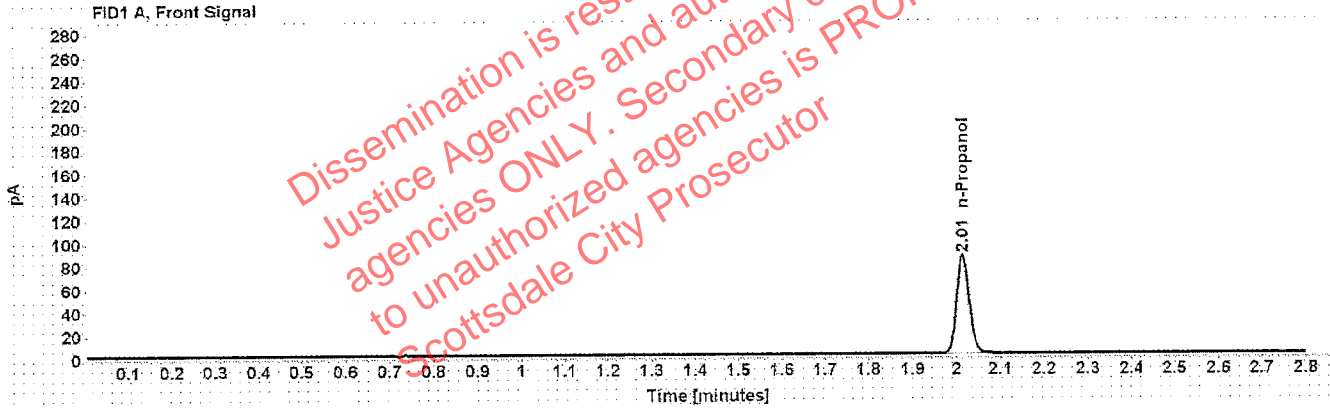


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | ----- | 2.014 | 170.592 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.469 | 204.060 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|---|--------------------------------------|
| Sample: 070819 | Vial: 6 |
| Description: Volatiles mix | LIMS ID: |
| Method: ethanol quant.M | Sequence: 24Jul19 |
| Instrument: US14173023 CN14160045 | Injection date: 7/24/2019 2:21:24 PM |
| Data file: C:\Chem32\1\Data\24Jul19\6.D | Analyst: Kosecki K |

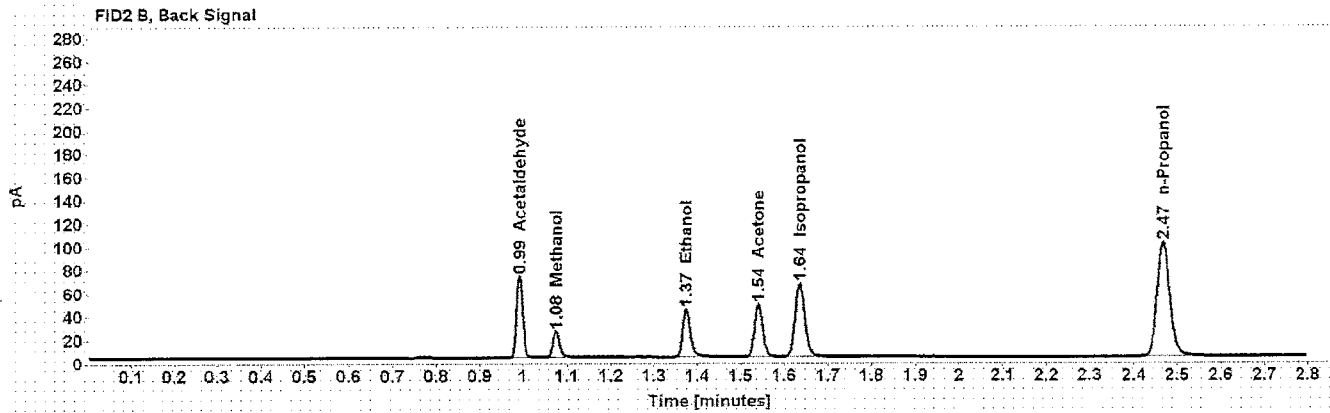
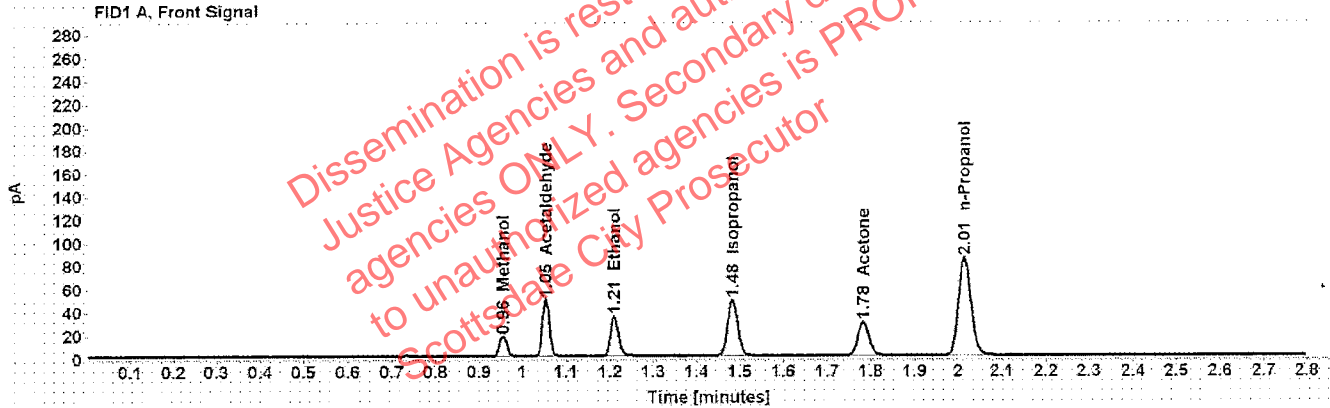


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Methanol | ----- | 0.956 | 19.236 |
| Acetaldehyde | ----- | 1.054 | 53.791 |
| >Ethanol | 0.0730 | 1.209 | 43.599 |
| Isopropanol | ----- | 1.482 | 77.200 |
| Acetone | ----- | 1.782 | 50.272 |
| n-Propanol | ----- | 2.014 | 168.494 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.992 | 69.286 |
| Methanol | 1.076 | 24.454 |
| Ethanol | 1.375 | 53.134 |
| Acetone | 1.541 | 60.624 |
| Isopropanol | 1.636 | 97.098 |
| n-Propanol | 2.468 | 202.780 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|---|--------------------------------------|
| Sample: 08012015-C | Vial: 7 |
| Description: 0.400 | LIMS ID: |
| Method: ethanol quant.M | Sequence: 24Jul19 |
| Instrument: US14173023 CN14160045 | Injection date: 7/24/2019 2:27:07 PM |
| Data file: C:\Chem32\1\Data\24Jul19\7.D | Analyst: Kosecki <i>AK</i> |

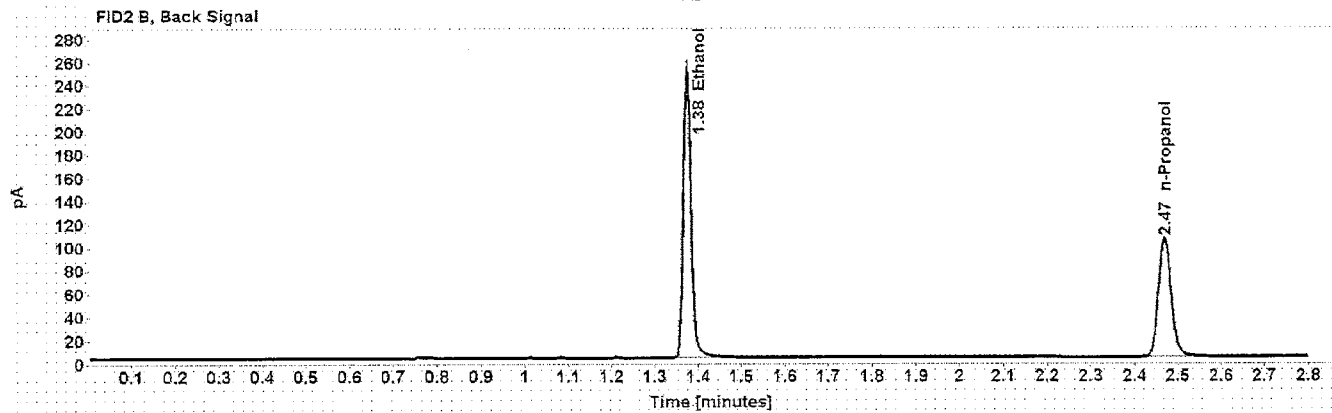
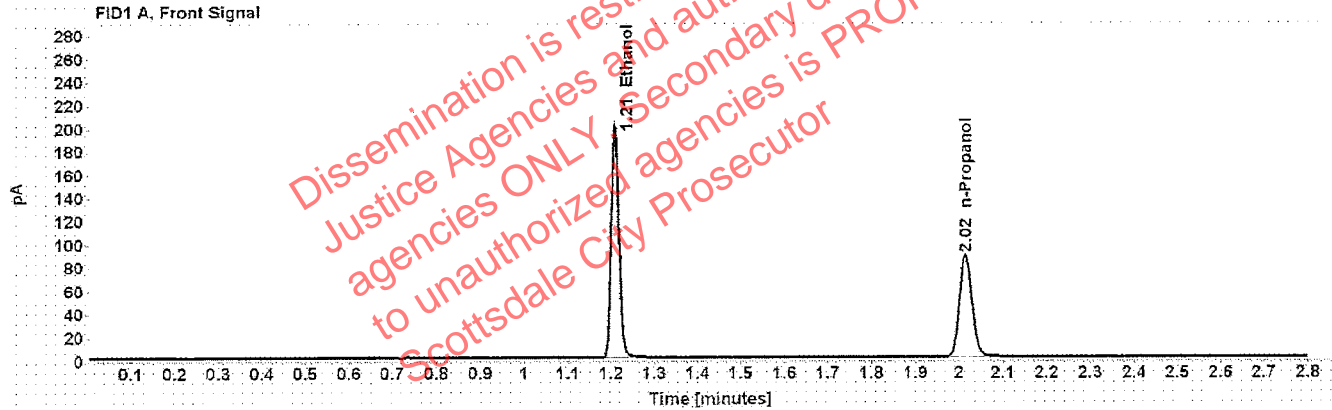


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|---------------------|---------------|--------------|
| >Ethanol | 0.4063 | 1.209 | 255.552 |
| n-Propanol | ----- | 2.015 | 175.970 |

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

| Compound | Time (min) | Peak Area |
|------------|---------------|--------------|
| Ethanol | 1.375 | 315.279 |
| n-Propanol | 2.470 | 210.627 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|---|--------------------------------------|
| Sample: 09022015-A | Vial: 8 |
| Description: 0.040 | LIMS ID: |
| Method: ethanol quant.M | Sequence: 24Jul19 |
| Instrument: US14173023 CN14160045 | Injection date: 7/24/2019 2:31:08 PM |
| Data file: C:\Chem32\1\Data\24Jul19\8.D | Analyst: Kosecki <i>K</i> |

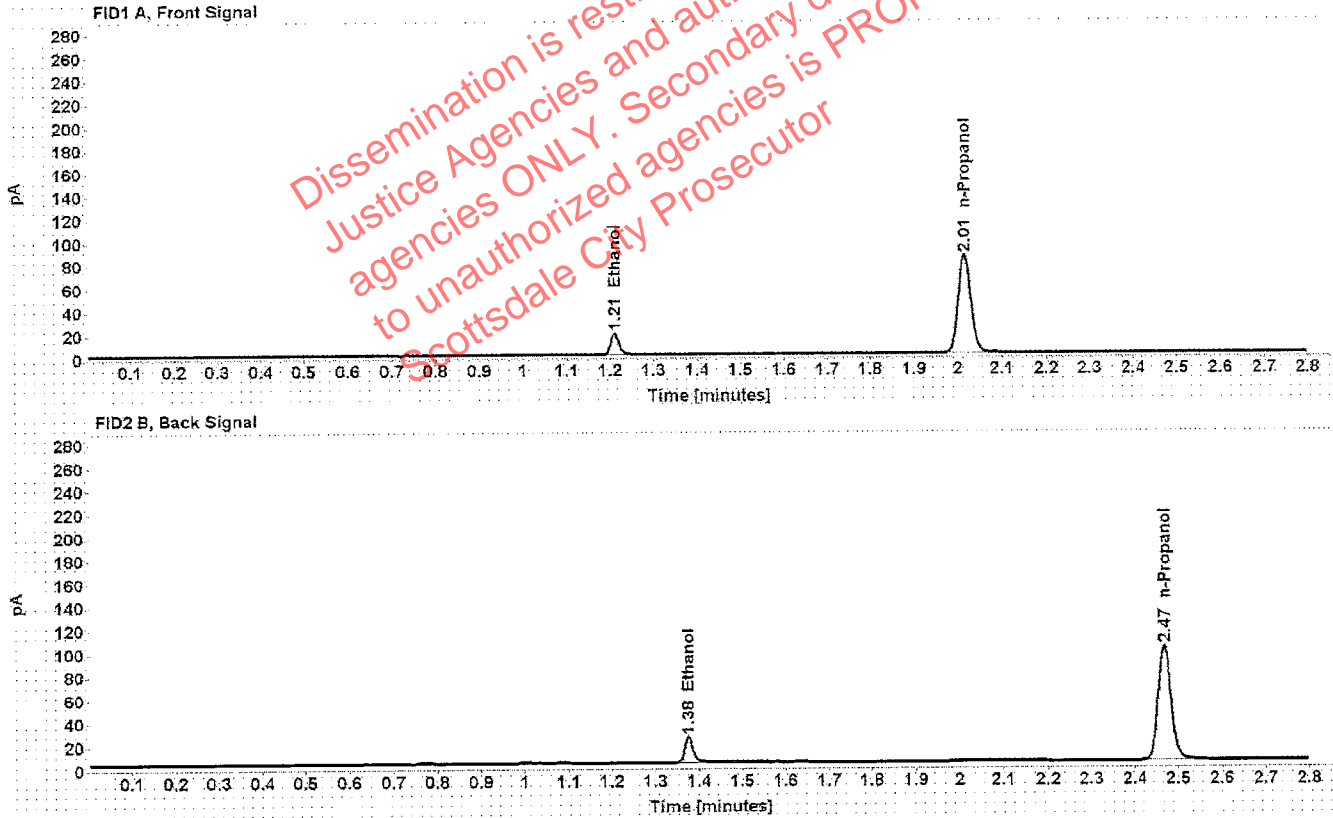


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.0397 | 1.210 | 23.732 |
| n-Propanol | ----- | 2.014 | 170.129 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 28.802 |
| n-Propanol | 2.468 | 203.052 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|---|--------------------------------------|
| Sample: 407041529/13 | Vial: 9 |
| Description: 0.198 | LIMS ID: |
| Method: ethanol quant.M | Sequence: 24Jul19 |
| Instrument: US14173023 CN14160045 | Injection date: 7/24/2019 2:35:08 PM |
| Data file: C:\Chem32\1\Data\24Jul19\9.D | Analyst: Kosecki <i>K</i> |

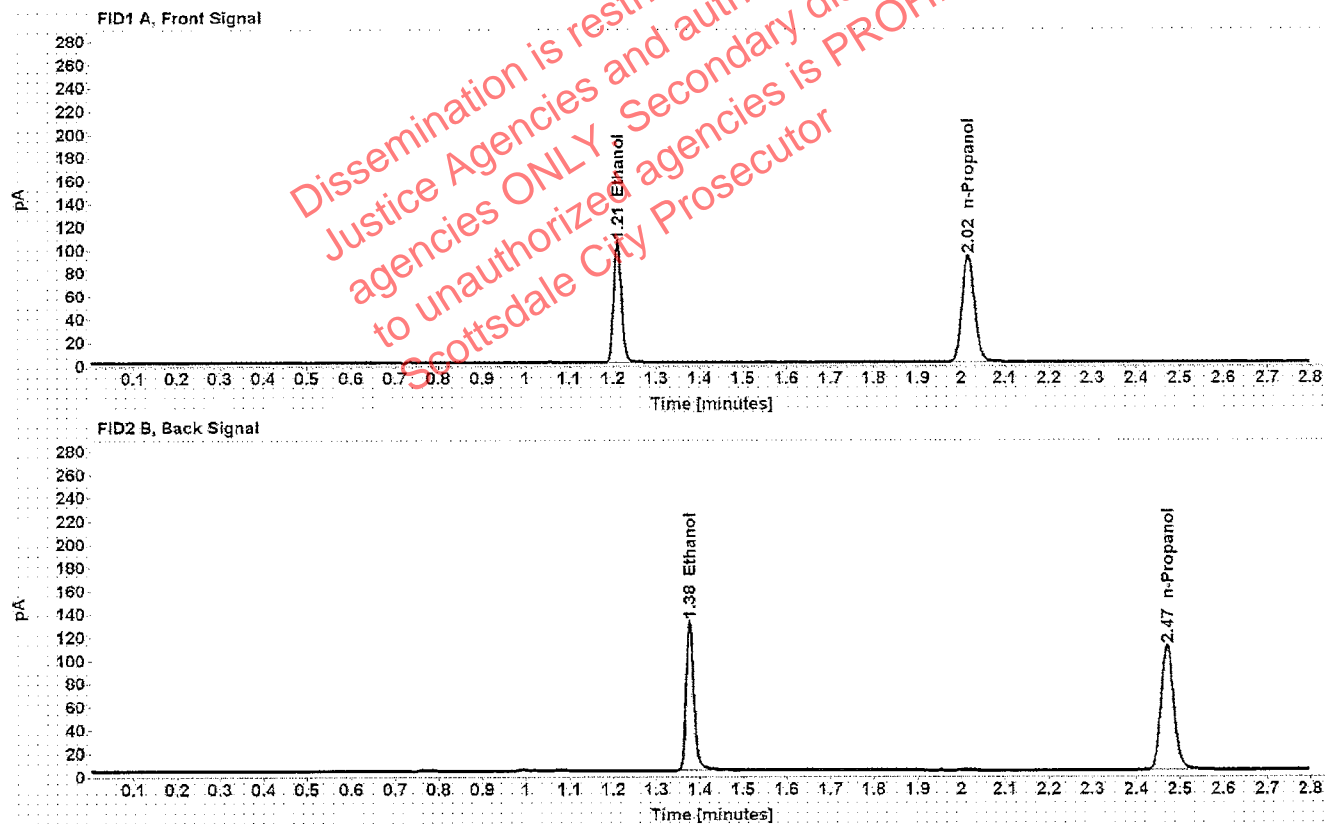


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.2029 | 1.210 | 133.684 |
| n-Propanol | ----- | 2.016 | 184.695 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.377 | 164.483 |
| n-Propanol | 2.471 | 221.142 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|--------------------------------------|
| Sample: 03102016-A/1 | Vial: 20 |
| Description: 0.080 | LIMS ID: |
| Method: ethanol quant.M | Sequence: 24Jul19 |
| Instrument: US14173023 CN14160045 | Injection date: 7/24/2019 3:22:34 PM |
| Data file: C:\Chem32\1\Data\24Jul19\20.D | Analyst: Kosecki <i>K</i> |

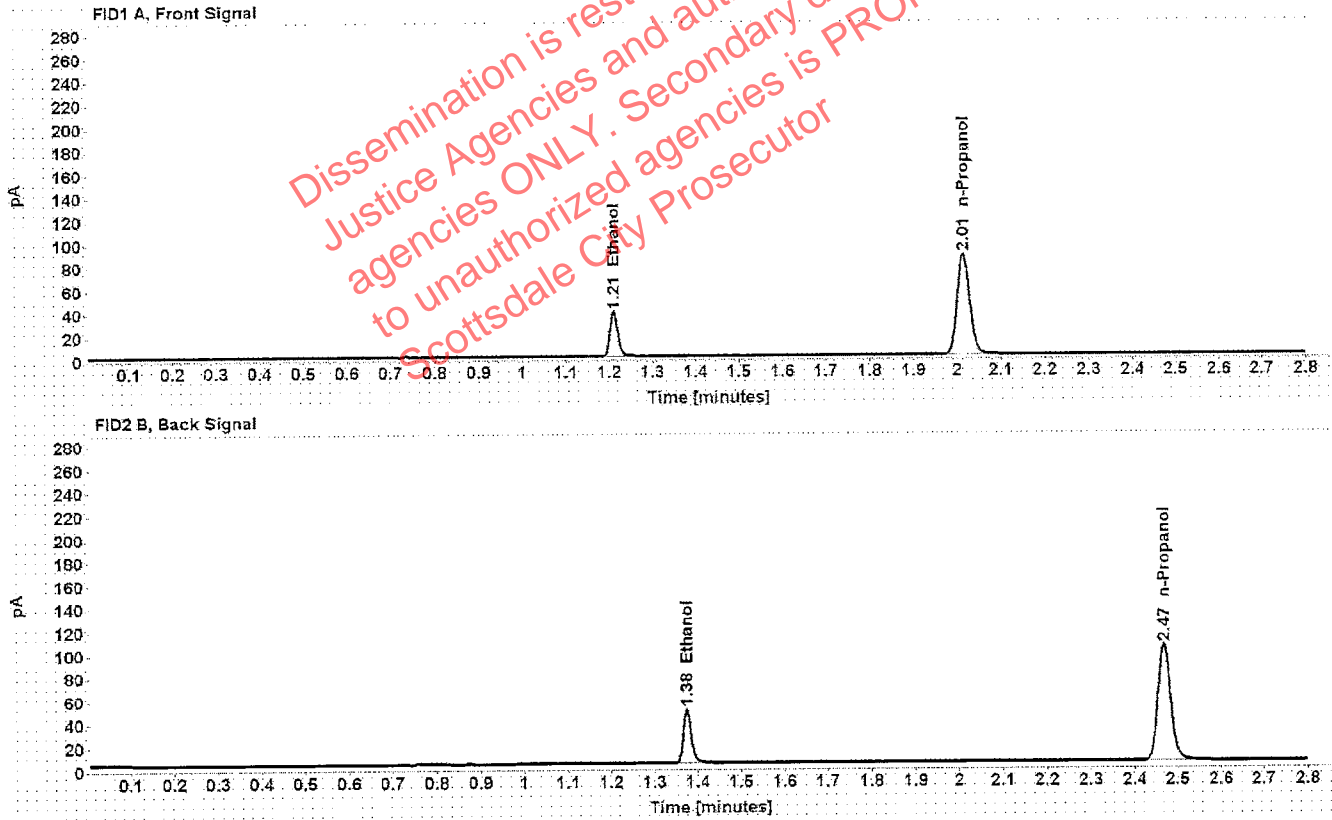


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.0805 | 1.210 | 49.547 |
| n-Propanol | ----- | 2.014 | 173.543 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 60.562 |
| n-Propanol | 2.469 | 207.811 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 09022015-C | Vial: | 31 |
| Description: | 0.150 | LIMS ID: | |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 4:10:00 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\31.D | Analyst: | Kosecki <i>K</i> |

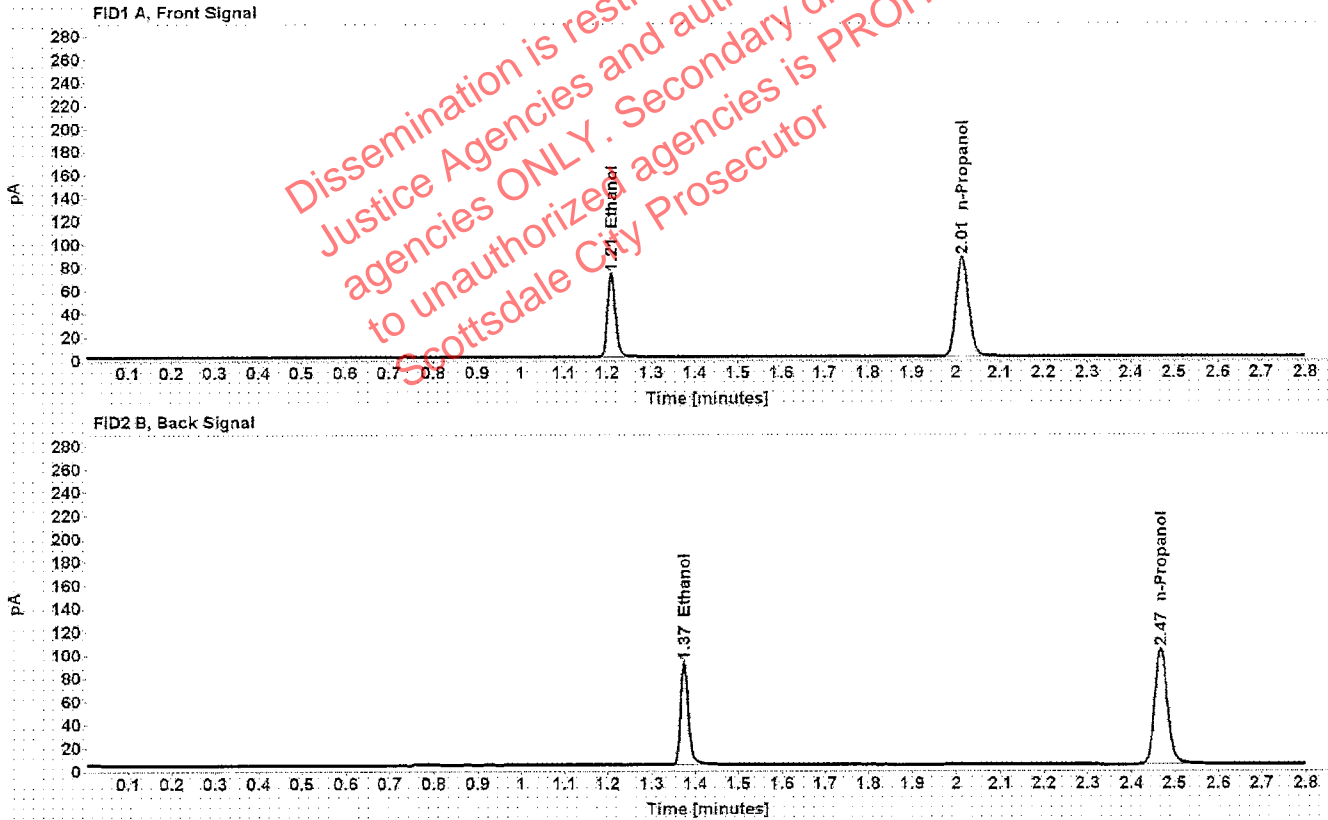


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|---------------------|---------------|--------------|
| >Ethanol | 0.1511 | 1.209 | 92.490 |
| n-Propanol | ----- | 2.015 | 171.832 |

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

| Compound | Time (min) | Peak Area |
|------------|---------------|--------------|
| Ethanol | 1.375 | 113.594 |
| n-Propanol | 2.469 | 205.682 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 407041529/13 | Vial: | 42 |
| Description: | 0.198 | LIMS ID: | |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 4:55:43 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\42.D | Analyst: | Kosecki |

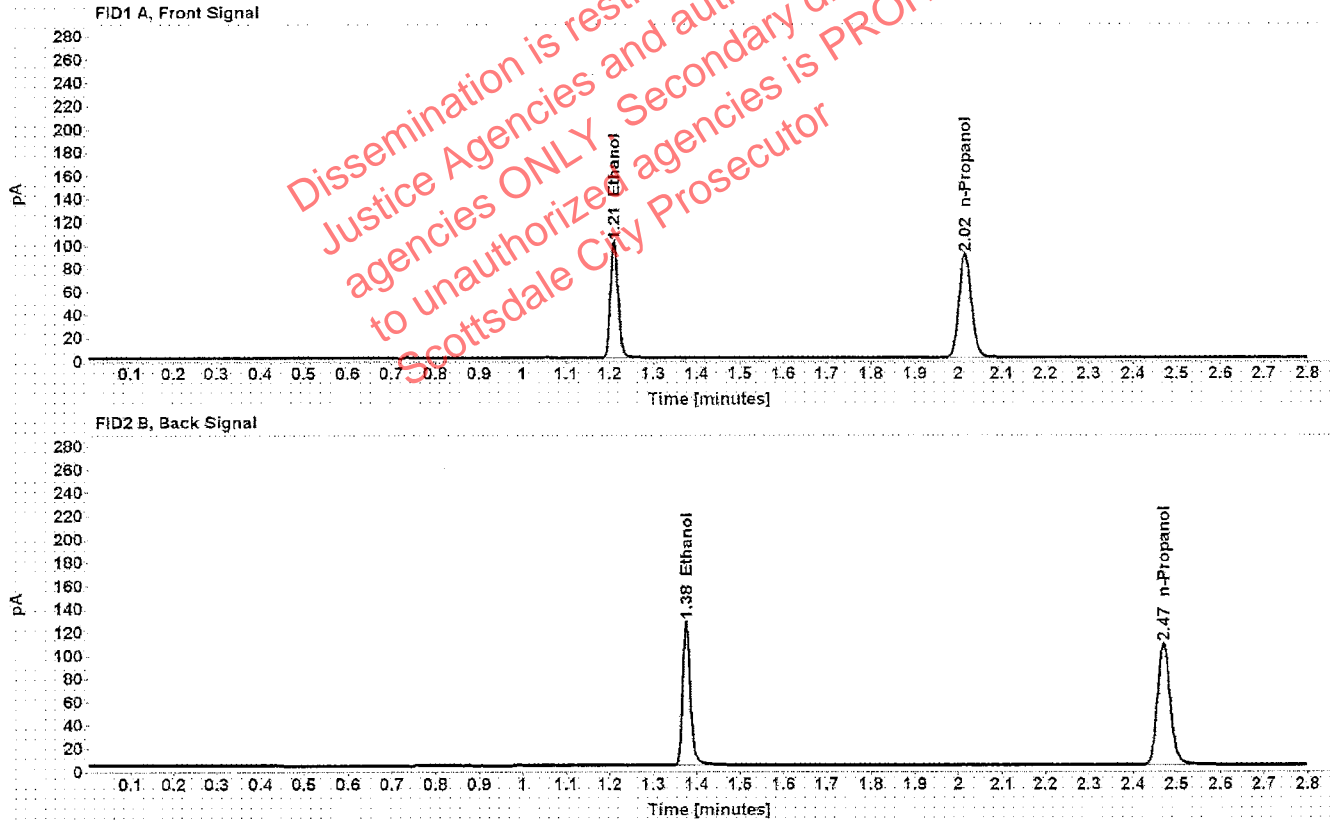


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.2018 | 1.210 | 129.016 |
| n-Propanol | ----- | 2.015 | 179.204 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.376 | 159.011 |
| n-Propanol | 2.470 | 215.752 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|--------------------------------------|
| Sample: 08012015-C | Vial: 53 |
| Description: 0.400 | LIMS ID: |
| Method: ethanol quant.M | Sequence: 24Jul19 |
| Instrument: US14173023 CN14160045 | Injection date: 7/24/2019 5:43:10 PM |
| Data file: C:\Chem32\1\Data\24Jul19\53.D | Analyst: Kosecki <i>K</i> |

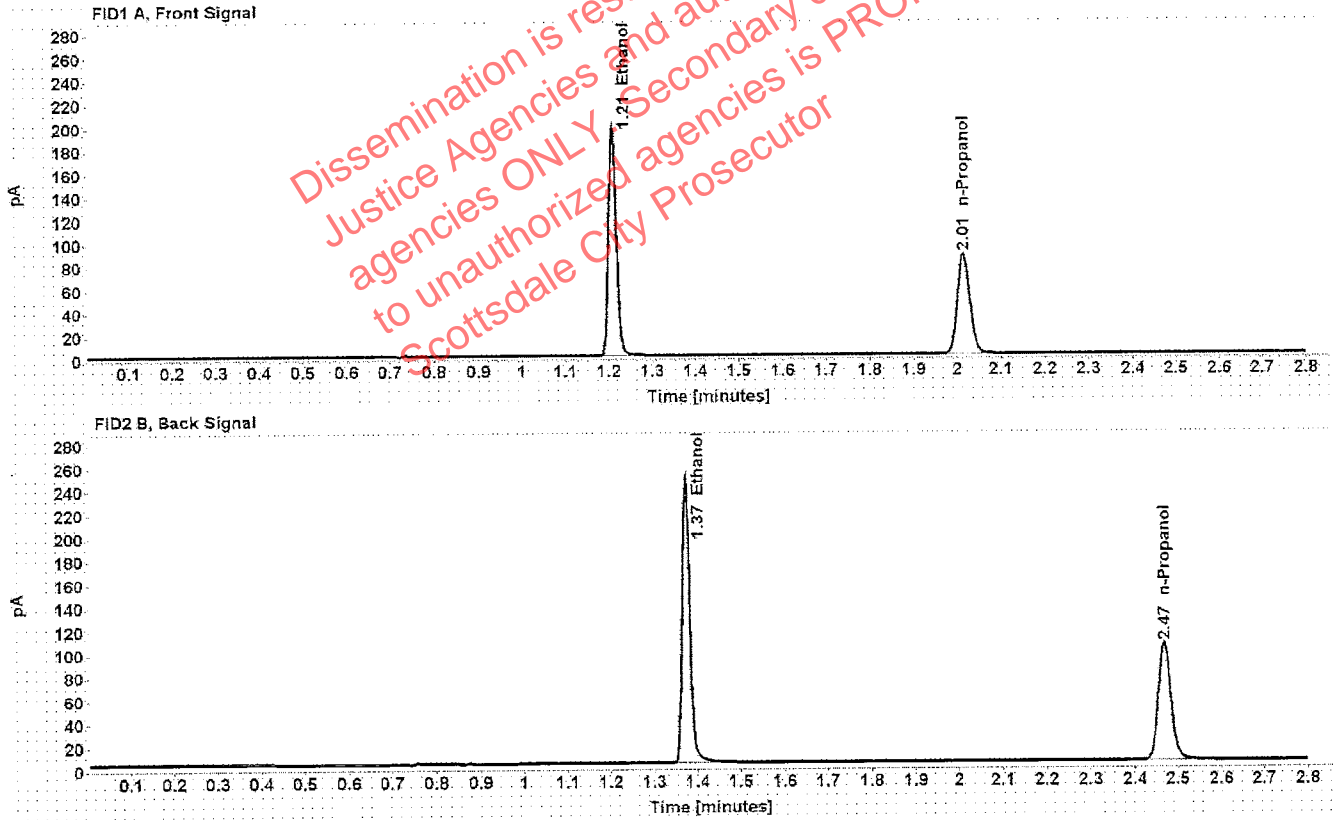


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.4080 | 1.208 | 252.508 |
| n-Propanol | ----- | 2.015 | 173.176 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.374 | 312.519 |
| n-Propanol | 2.469 | 209.199 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|--------------------------------------|
| Sample: 09022015-A | Vial: 54 |
| Description: 0.040 | LIMS ID: |
| Method: ethanol quant.M | Sequence: 24Jul19 |
| Instrument: US14173023 CN14160045 | Injection date: 7/24/2019 5:47:08 PM |
| Data file: C:\Chem32\1\Data\24Jul19\54.D | Analyst: Kosecki <i>K</i> |

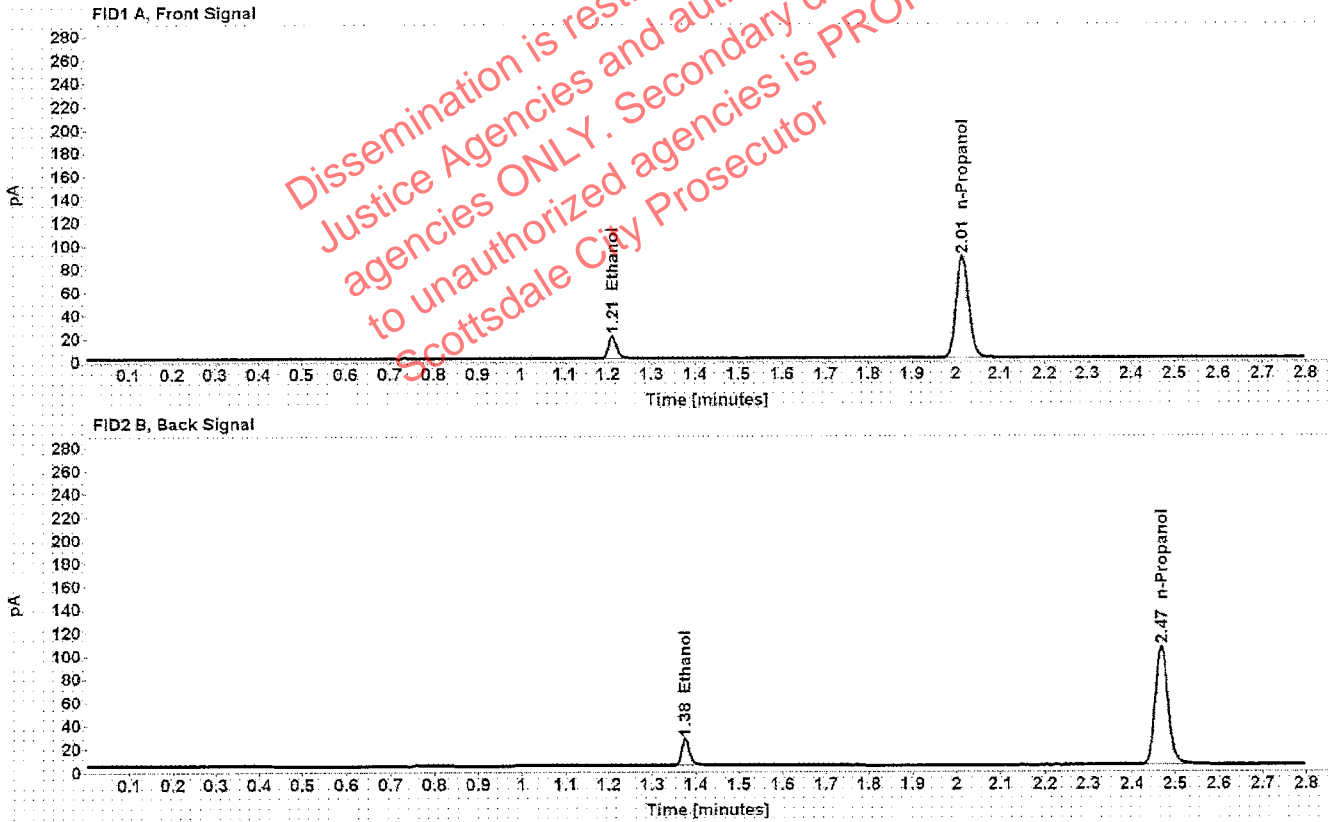


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|---------------------|---------------|--------------|
| >Ethanol | 0.0400 | 1.210 | 24.649 |
| n-Propanol | ----- | 2.014 | 175.271 |

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

| Compound | Time (min) | Peak Area |
|------------|---------------|--------------|
| Ethanol | 1.375 | 30.044 |
| n-Propanol | 2.468 | 211.095 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|--------------------------------------|
| Sample: 407041529/13 | Vial: 55 |
| Description: 0.198 | LIMS ID: |
| Method: ethanol quant.M | Sequence: 24Jul19 |
| Instrument: US14173023 CN14160045 | Injection date: 7/24/2019 5:52:53 PM |
| Data file: C:\Chem32\1\Data\24Jul19\55.D | Analyst: Kosecki <i>AK</i> |

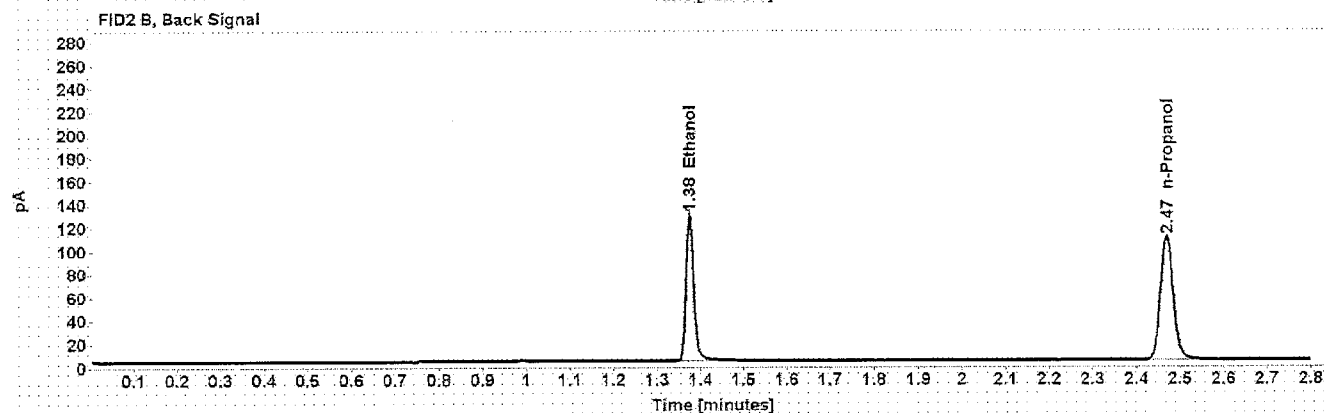
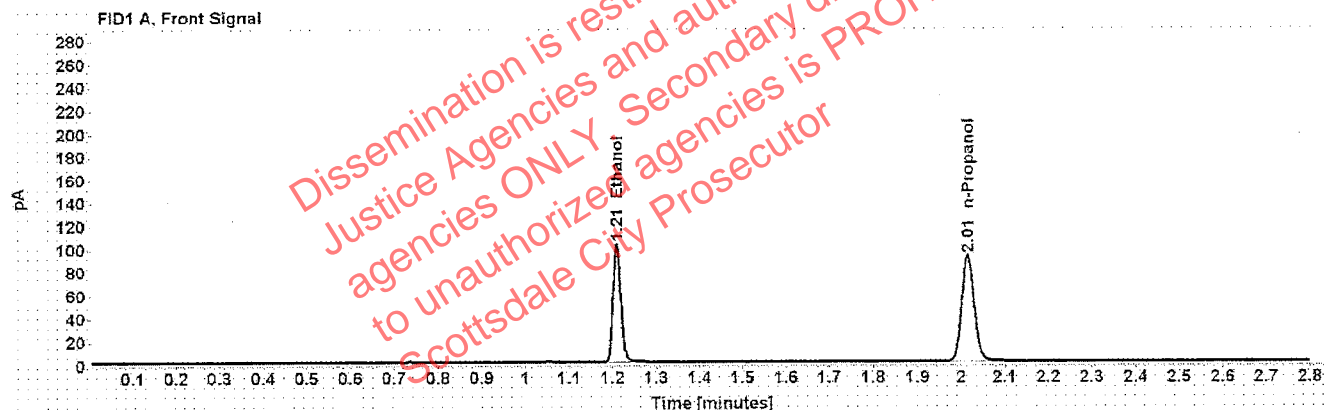


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.2008 | 1.209 | 130.819 |
| n-Propanol | ----- | 2.015 | 182.646 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 161.331 |
| n-Propanol | 2.469 | 219.577 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|--------------------------------------|
| Sample: 040919WB | Vial: 56 |
| Description: Negative | LIMS ID: |
| Method: ethanol quant.M | Sequence: 24Jul19 |
| Instrument: US14173023 CN14160045 | Injection date: 7/24/2019 5:56:52 PM |
| Data file: C:\Chem32\1\Data\24Jul19\56.D | Analyst: Kosecki <i>AK</i> |

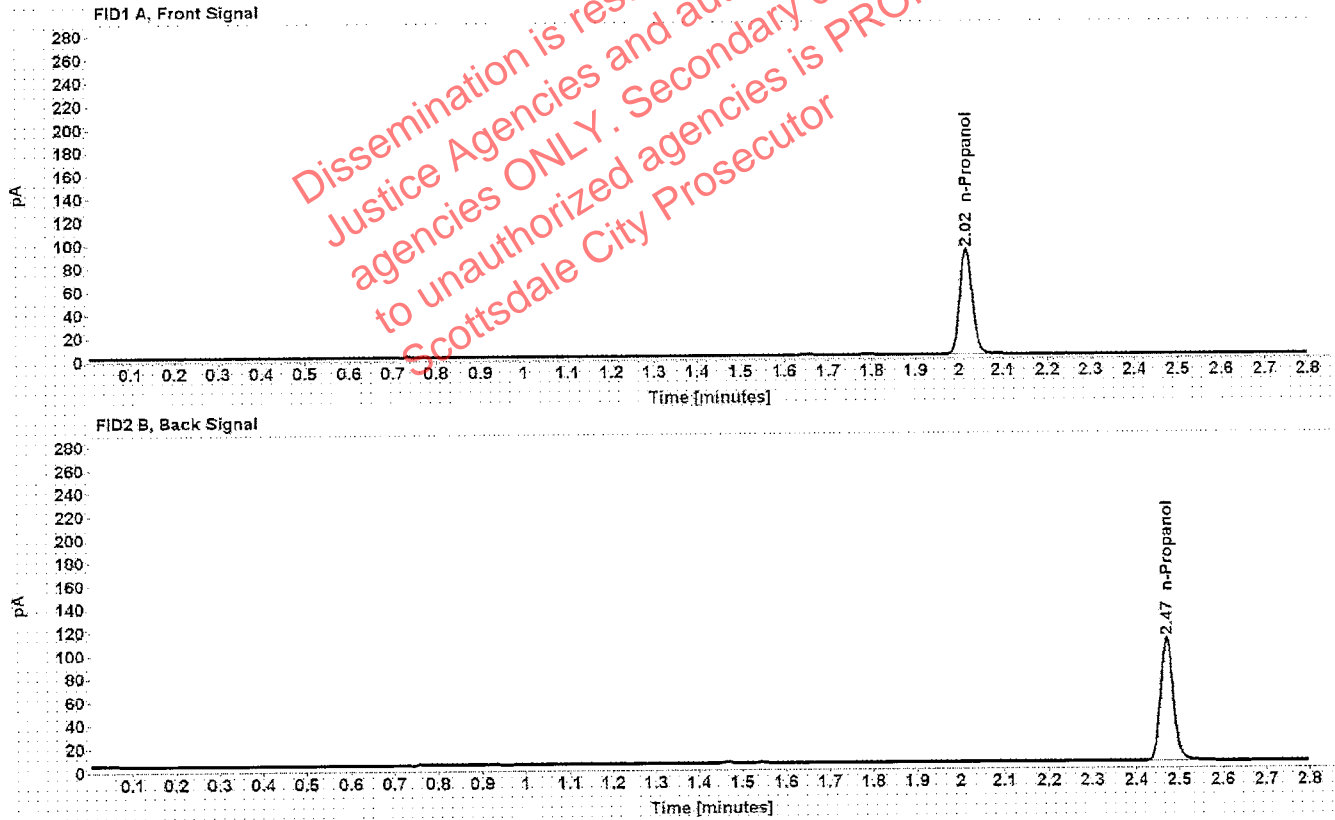


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | ----- | 2.016 | 181.222 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.470 | 218.267 |

A

Sequence Summary

Sequence name: 24Jul19 Instrument: US14173023 CN14160045 Analyst: Kosecki

| Vial | Sample | Description | Type | LIMS ID | Method |
|------|--------------|------------------|-------------|---------|-----------------|
| 1 | FN03241604 | 0.020 calibrator | Calibration | | ethanol quant.M |
| 2 | FN02271802 | 0.100 calibrator | Calibration | | ethanol quant.M |
| 3 | FN06231704 | 0.200 calibrator | Calibration | | ethanol quant.M |
| 4 | FN05131606 | 0.400 calibrator | Calibration | | ethanol quant.M |
| 5 | 061219 | Negative | Control | | ethanol quant.M |
| 6 | 070819 | Volatiles mix | Control | | ethanol quant.M |
| 7 | 08012015-C | 0.400 | Control | | ethanol quant.M |
| 8 | 09022015-A | 0.040 | Control | | ethanol quant.M |
| 9 | 407041529/13 | 0.198 | Control | | ethanol quant.M |
| 10 | 1196132 | | Sample | | ethanol quant.M |
| 11 | 1196132 | | Sample | | ethanol quant.M |
| 12 | 1188301 | | Sample | | ethanol quant.M |
| 13 | 1188301 | | Sample | | ethanol quant.M |
| 14 | 1188200 | | Sample | | ethanol quant.M |
| 15 | 1188200 | | Sample | | ethanol quant.M |
| 16 | 1224900 | | Sample | | ethanol quant.M |
| 17 | 1224900 | | Sample | | ethanol quant.M |
| 18 | 1206710 | | Sample | | ethanol quant.M |
| 19 | 1206710 | | Sample | | ethanol quant.M |
| 20 | 03102016-A/1 | 0.080 | Control | | ethanol quant.M |
| 21 | 1233970 | | Sample | | ethanol quant.M |
| 22 | 1233970 | | Sample | | ethanol quant.M |
| 23 | 1224910 | | Sample | | ethanol quant.M |
| 24 | 1224910 | | Sample | | ethanol quant.M |
| 25 | 1230678 | | Sample | | ethanol quant.M |
| 26 | 1230678 | | Sample | | ethanol quant.M |
| 27 | 1236284 | | Sample | | ethanol quant.M |
| 28 | 1236284 | | Sample | | ethanol quant.M |
| 29 | 1233842 | | Sample | | ethanol quant.M |
| 30 | 1233842 | | Sample | | ethanol quant.M |
| 31 | 09022015-C | 0.150 | Control | | ethanol quant.M |
| 32 | 1234531 | | Sample | | ethanol quant.M |
| 33 | 1234531 | | Sample | | ethanol quant.M |
| 34 | 1280352 | | Sample | | ethanol quant.M |
| 35 | 1280352 | | Sample | | ethanol quant.M |
| 36 | 1252088 | | Sample | | ethanol quant.M |
| 37 | 1252088 | | Sample | | ethanol quant.M |
| 38 | 1263722 | | Sample | | ethanol quant.M |
| 39 | 1263722 | | Sample | | ethanol quant.M |
| 40 | 33402DG | | Sample | | ethanol quant.M |
| 41 | 33402DG | | Sample | | ethanol quant.M |
| 42 | 407041529/13 | 0.198 | Control | | ethanol quant.M |
| 43 | 33101JM | | Sample | | ethanol quant.M |
| 44 | 33101JM | | Sample | | ethanol quant.M |
| 45 | 1262462 | | Sample | | ethanol quant.M |
| 46 | 1262462 | | Sample | | ethanol quant.M |
| 47 | 1278636 | | Sample | | ethanol quant.M |

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

A

Sequence Summary

| | | | | | |
|----|--------------|----------|---------|--|-----------------|
| 48 | 1278636 | | Sample | | ethanol quant.M |
| 49 | 1278106 | | Sample | | ethanol quant.M |
| 50 | 1278106 | | Sample | | ethanol quant.M |
| 51 | 1278005 | | Sample | | ethanol quant.M |
| 52 | 1278005 | | Sample | | ethanol quant.M |
| 53 | 08012015-C | 0.400 | Control | | ethanol quant.M |
| 54 | 09022015-A | 0.040 | Control | | ethanol quant.M |
| 55 | 407041529/13 | 0.198 | Control | | ethanol quant.M |
| 56 | 040919WB | Negative | Control | | ethanol quant.M |

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

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 24Jul19

ANALYST: Kosecki **AK**

| Vials | Test 1 (g/dL) | Test 2 (g/dL) | Mean (g/dL) | Percent Difference* | Absolute Difference (g/dL)* |
|-------|---------------|---------------|-------------|---------------------|-----------------------------|
| 10 11 | 0.1094 | 0.1091 | 0.10925 | 0.14 | 0.00015 |
| 12 13 | 0.1113 | 0.1100 | 0.11065 | 0.59 | 0.00065 |
| 14 15 | 0.1675 | 0.1677 | 0.16760 | 0.06 | 0.00010 |
| 16 17 | 0.1087 | 0.1080 | 0.10835 | 0.32 | 0.00035 |
| 18 19 | 0.1440 | 0.1442 | 0.14410 | 0.07 | 0.00010 |
| 21 22 | 0.0995 | 0.1018 | 0.10065 | 1.14 | 0.00115 |
| 23 24 | 0.1046 | 0.1041 | 0.10435 | 0.24 | 0.00025 |
| 25 26 | 0.1403 | 0.1415 | 0.14090 | 0.43 | 0.00060 |
| 27 28 | 0.1994 | 0.1997 | 0.19955 | 0.08 | 0.00015 |
| 29 30 | 0.1224 | 0.1212 | 0.12180 | 0.49 | 0.00060 |
| 32 33 | 0.1056 | 0.1067 | 0.10615 | 0.52 | 0.00055 |
| 34 35 | 0.0000 | 0.0000 | 0.00000 | 0.00 | 0.00000 |
| 36 37 | 0.1142 | 0.1136 | 0.11390 | 0.26 | 0.00030 |
| 38 39 | 0.1947 | 0.1963 | 0.19550 | 0.41 | 0.00080 |
| 40 41 | 0.0000 | 0.0000 | 0.00000 | 0.00 | 0.00000 |
| 43 44 | 0.1508 | 0.1455 | 0.14815 | 1.79 | 0.00265 |
| 45 46 | 0.1937 | 0.1956 | 0.19465 | 0.49 | 0.00095 |
| 47 48 | 0.1320 | 0.1304 | 0.13120 | 0.61 | 0.00080 |
| 49 50 | 0.1427 | 0.1447 | 0.14370 | 0.70 | 0.00100 |
| 51 52 | 0.2678 | 0.2670 | 0.26740 | 0.15 | 0.00040 |

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

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1196132 | Vial: | 10 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 2:39:08 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\10.D | Analyst: | Kosecki |

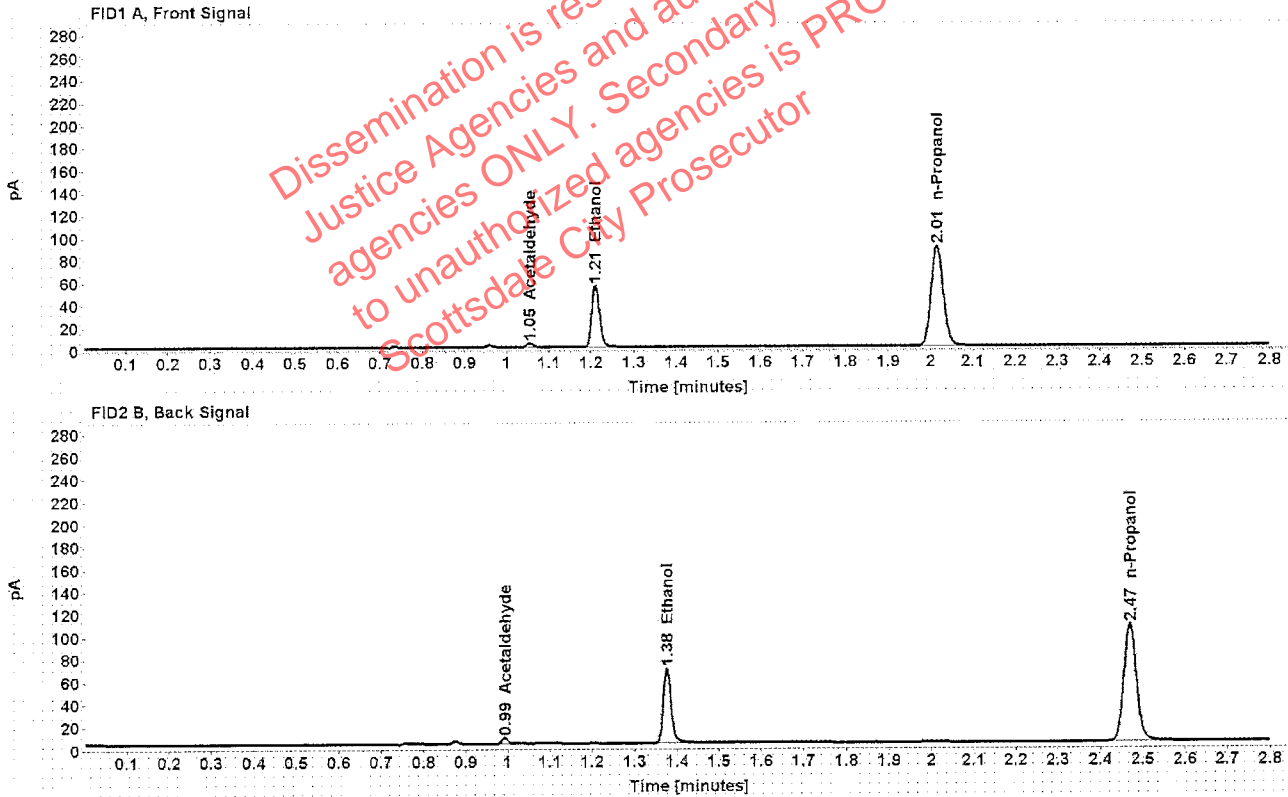


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 3.804 |
| >Ethanol | 0.1094 | 1.210 | 69.539 |
| n-Propanol | ----- | 2.015 | 178.661 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 4.956 |
| Ethanol | 1.376 | 84.653 |
| n-Propanol | 2.469 | 214.201 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1196132 | Vial: | 11 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 2:43:08 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\11.D | Analyst: | Kosecki |

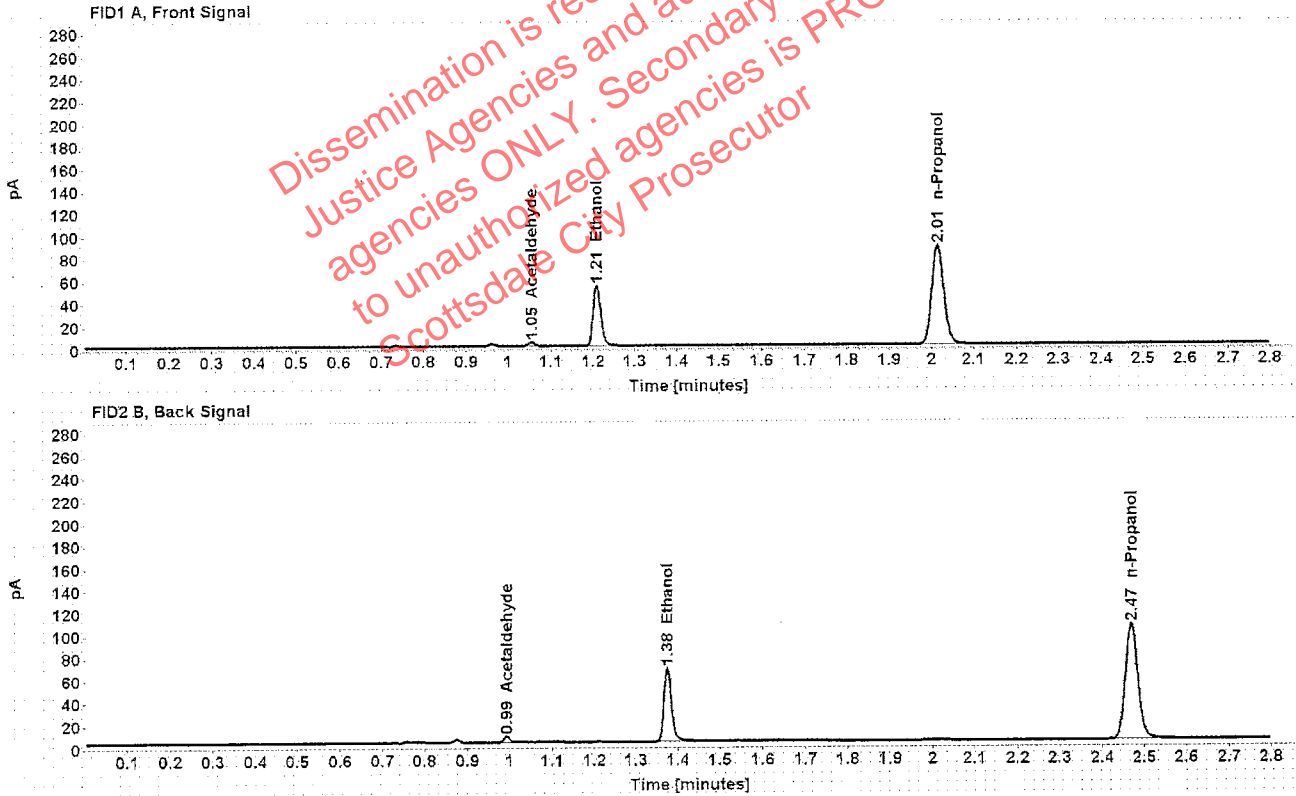


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 3.753 |
| >Ethanol | 0.1091 | 1.209 | 68.246 |
| n-Propanol | ----- | 2.015 | 175.823 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 4.932 |
| Ethanol | 1.375 | 82.830 |
| n-Propanol | 2.469 | 211.187 |

Case: [REDACTED] User: pkosecki 7/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1188301 | Vial: | 12 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 2:47:07 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\12.D | Analyst: | Kosecki |

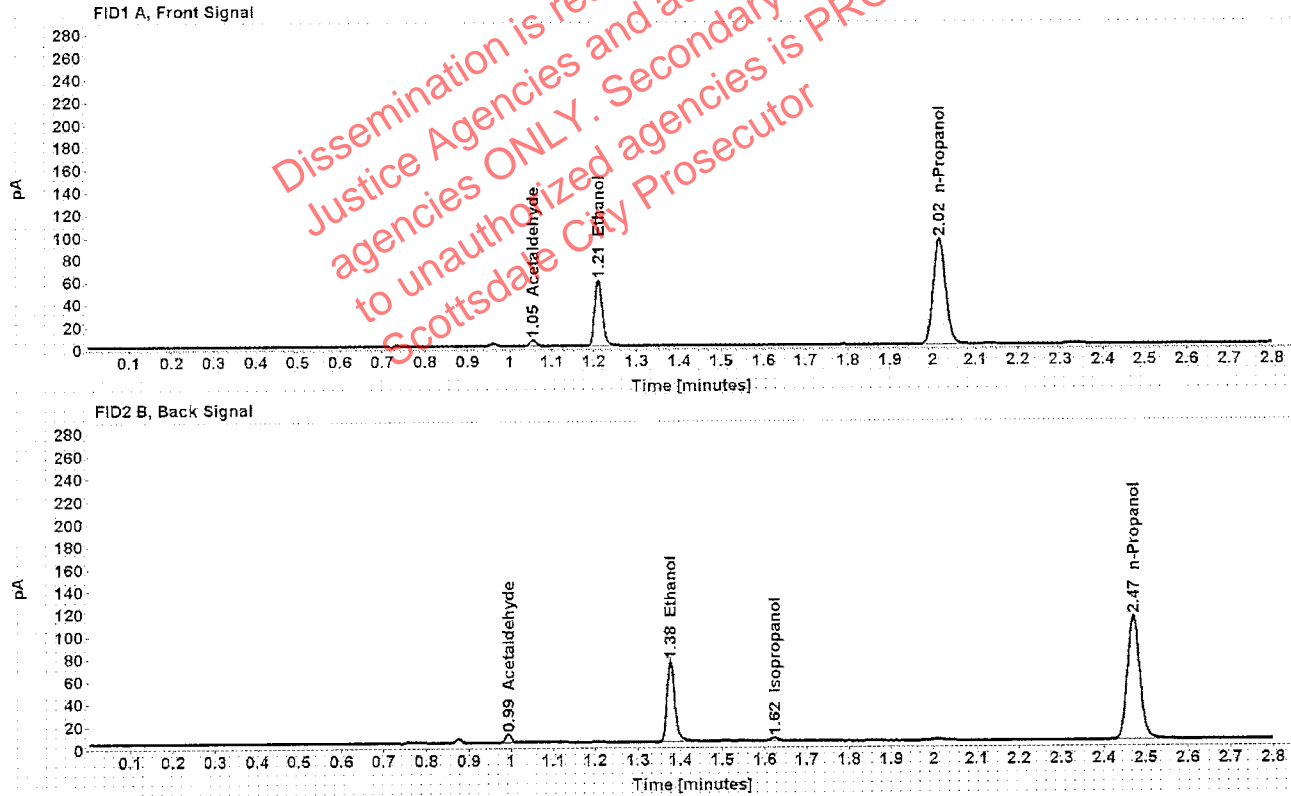


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 5.649 |
| >Ethanol | 0.1113 | 1.210 | 74.844 |
| n-Propanol | ----- | 2.015 | 189.023 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.994 | 7.366 |
| Ethanol | 1.377 | 91.622 |
| Isopropanol | 1.623 | 4.358 |
| n-Propanol | 2.470 | 226.507 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1188301 | Vial: | 13 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 2:52:52 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\13.D | Analyst: | Kosecki |

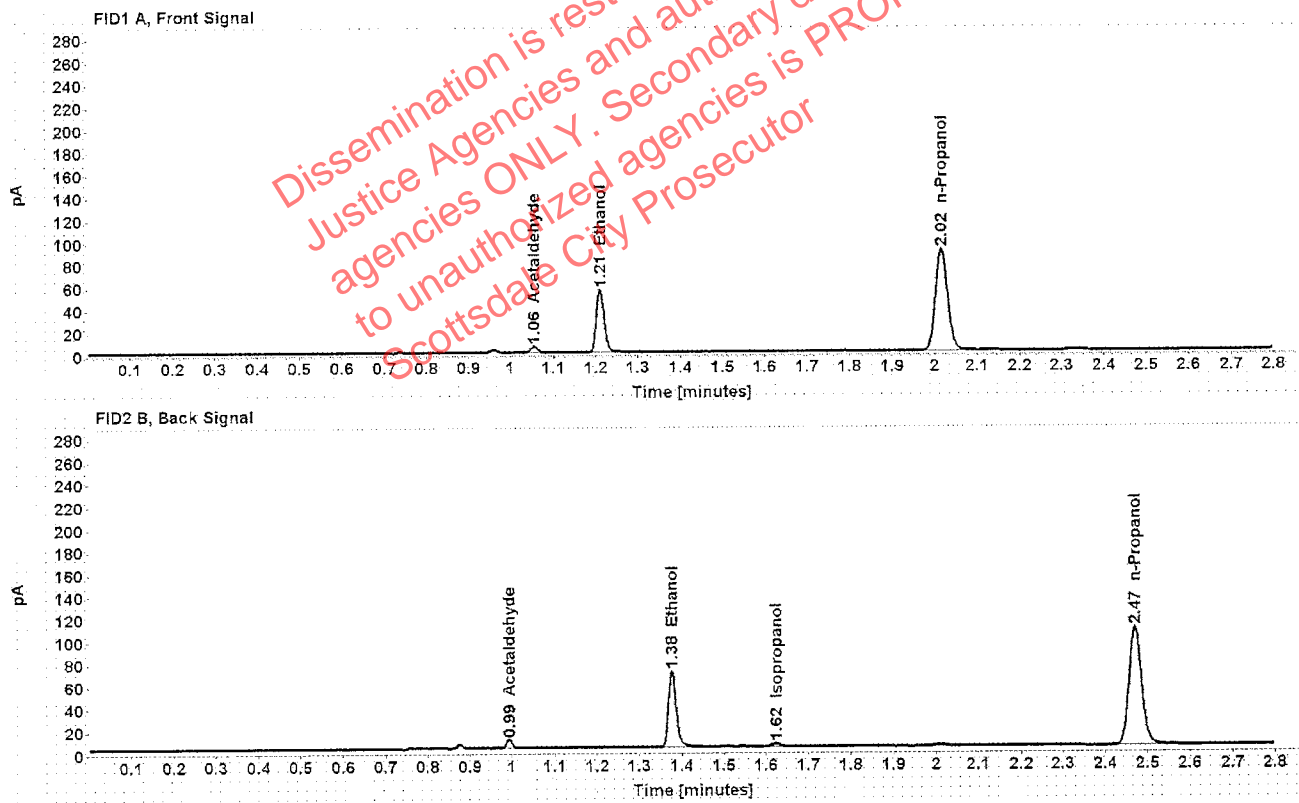


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 5.501 |
| >Ethanol | 0.1100 | 1.210 | 71.117 |
| n-Propanol | ----- | 2.016 | 181.763 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.994 | 7.167 |
| Ethanol | 1.377 | 86.957 |
| Isopropanol | 1.624 | 4.517 |
| n-Propanol | 2.470 | 216.081 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1188200 | Vial: | 14 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 2:56:50 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\14.D | Analyst: | Kosecki |

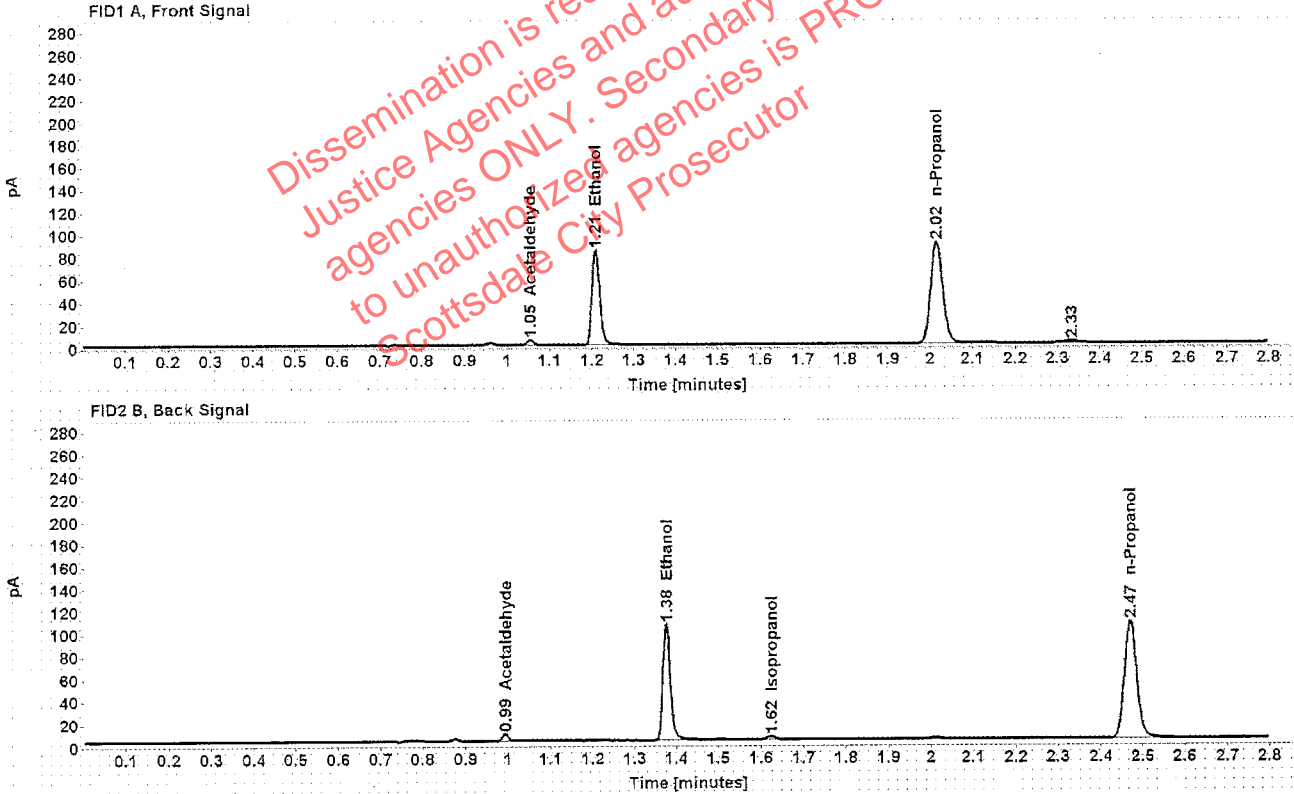


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 4.524 |
| >Ethanol | 0.1675 | 1.210 | 107.465 |
| n-Propanol | ----- | 2.015 | 179.959 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 5.895 |
| Ethanol | 1.376 | 132.939 |
| Isopropanol | 1.624 | 5.007 |
| n-Propanol | 2.470 | 215.616 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1188200 | Vial: | 15 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 3:00:50 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\15.D | Analyst: | Kosecki |

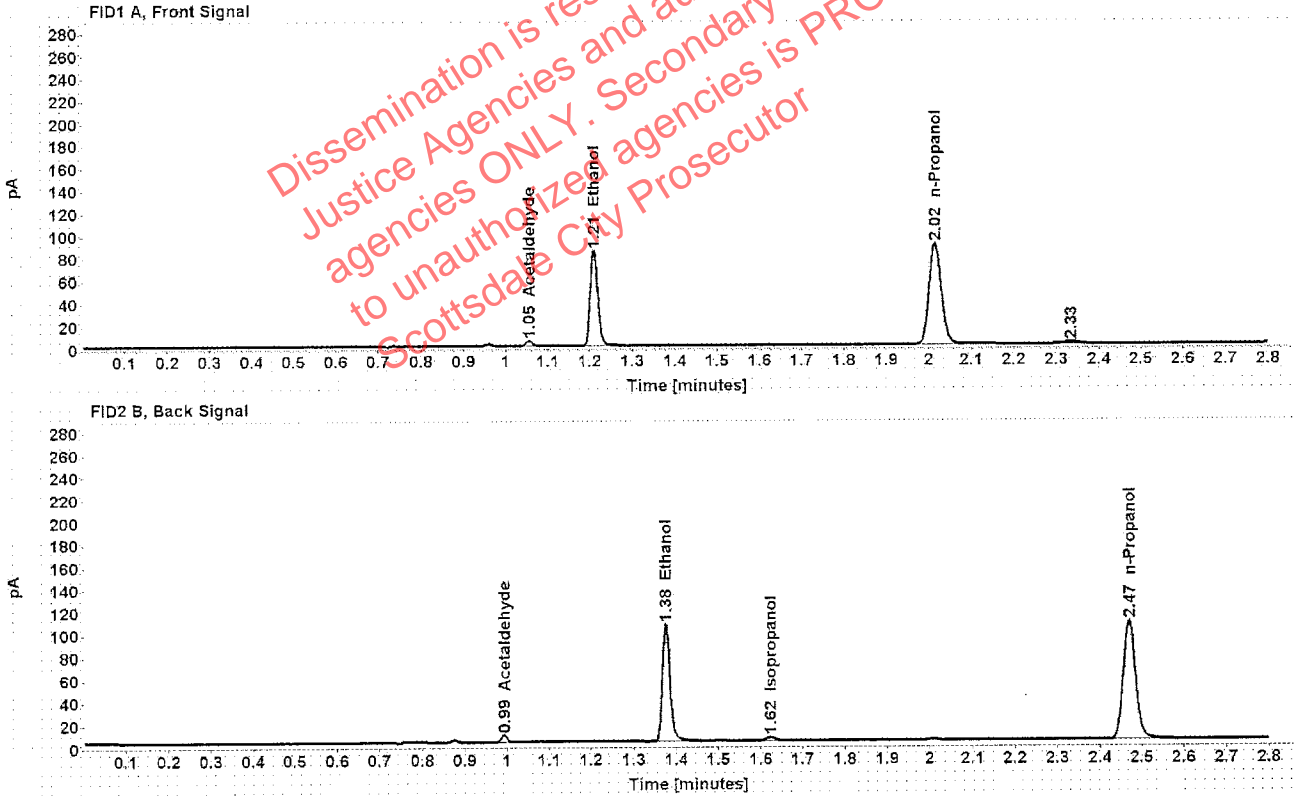


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 4.561 |
| >Ethanol | 0.1677 | 1.209 | 108.007 |
| n-Propanol | ----- | 2.015 | 180.627 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 5.913 |
| Ethanol | 1.376 | 133.852 |
| Isopropanol | 1.623 | 5.270 |
| n-Propanol | 2.470 | 215.938 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1224900 | Vial: | 16 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 3:04:51 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\16.D | Analyst: | Kosecki |

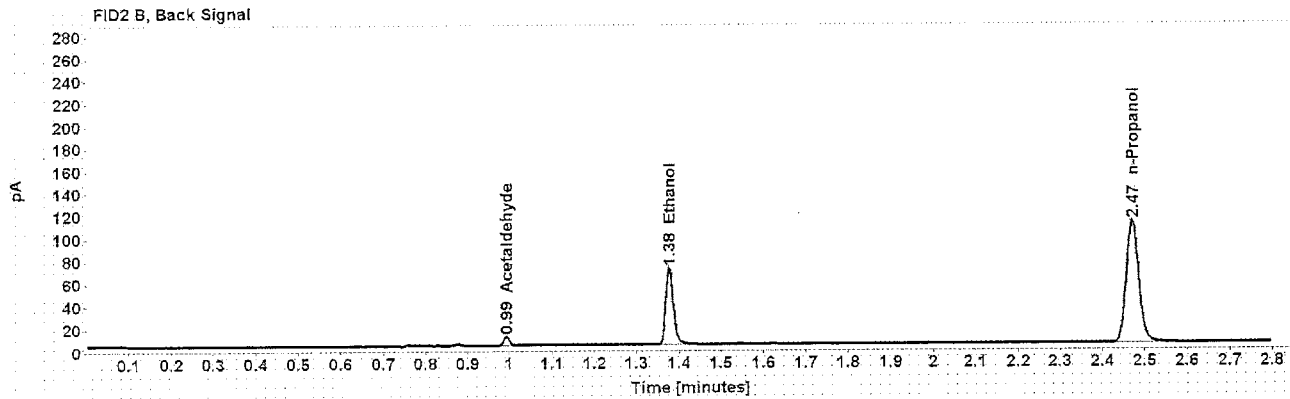
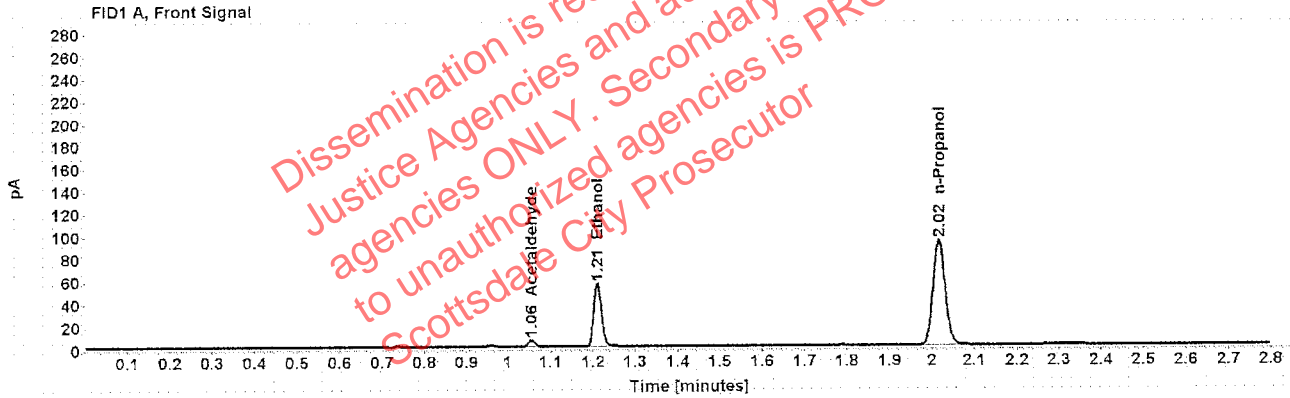


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 5.713 |
| >Ethanol | 0.1087 | 1.210 | 71.614 |
| n-Propanol | ----- | 2.016 | 185.347 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.994 | 7.411 |
| Ethanol | 1.377 | 86.889 |
| n-Propanol | 2.471 | 223.182 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1224900 | Vial: | 17 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 3:08:50 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\17.D | Analyst: | Kosecki |

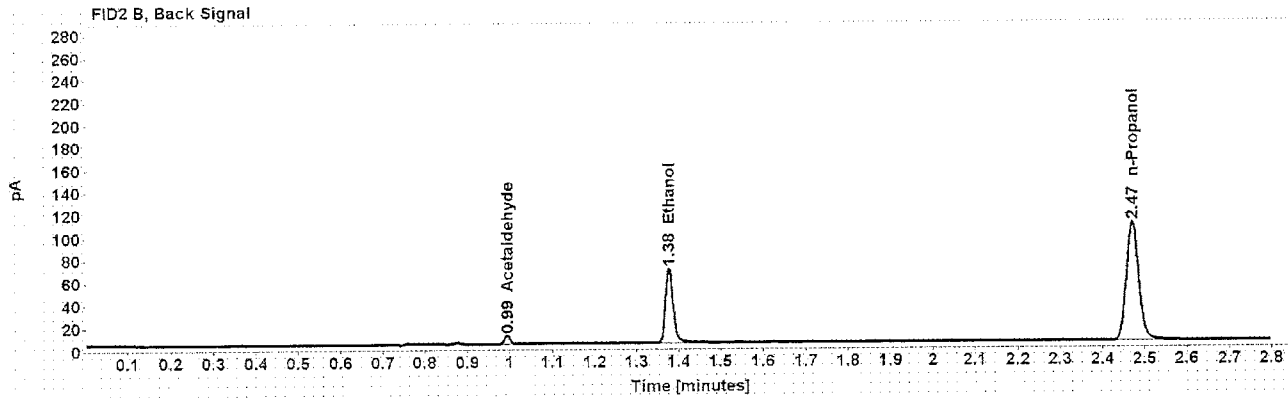
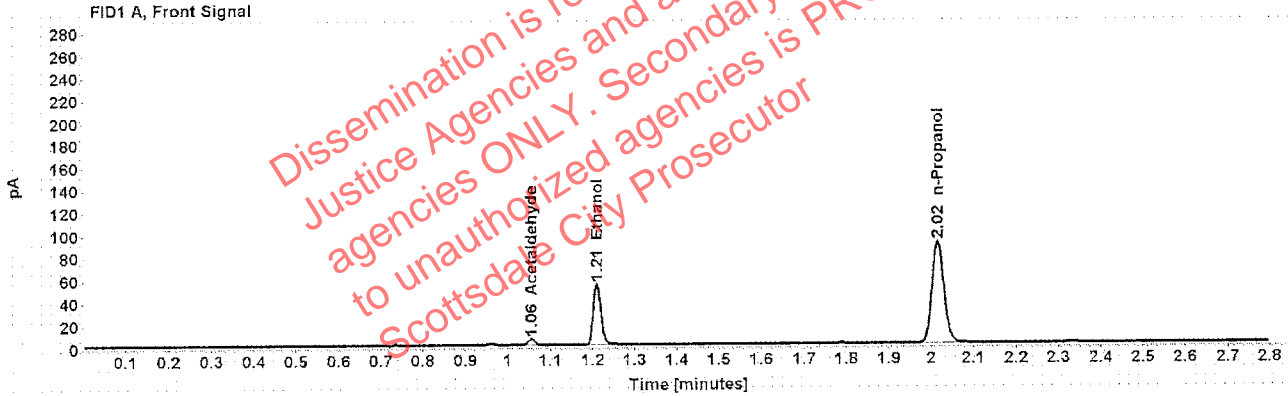


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 5.569 |
| >Ethanol | 0.1080 | 1.210 | 69.289 |
| n-Propanol | ----- | 2.015 | 180.401 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.994 | 7.237 |
| Ethanol | 1.377 | 84.496 |
| n-Propanol | 2.470 | 217.097 |

Case: [REDACTED] User: pkosecki 7/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|--------------------------------|-----------------|----------------------|
| Sample: | 1206710 | Vial: | 18 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 3:12:50 PM |
| Data file: | C:\Chem321\1\Data\24Jul19\18.D | Analyst: | Kosecki |

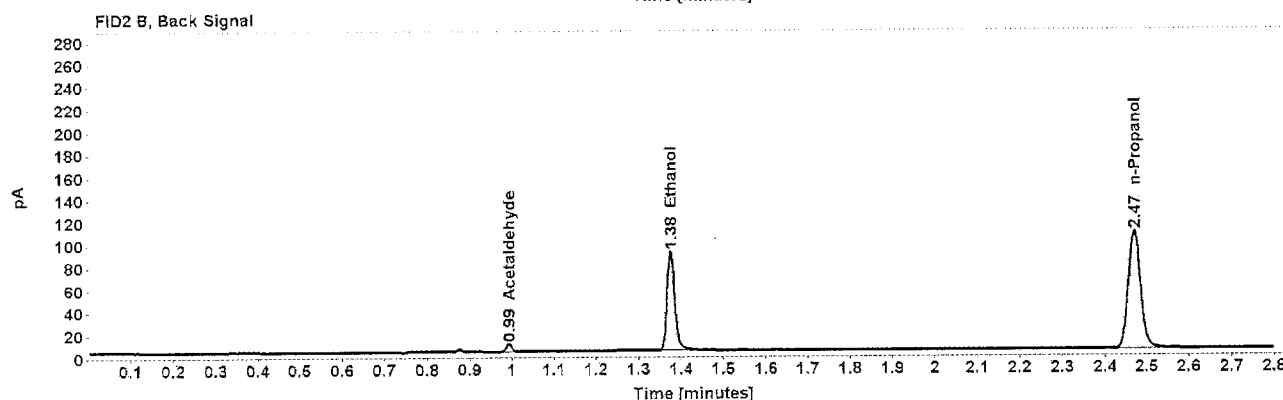
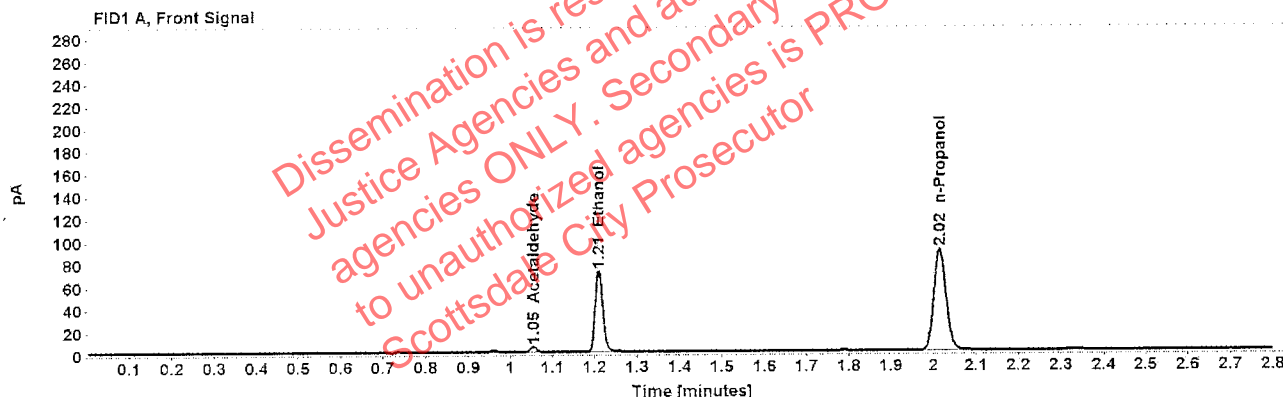


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 4.867 |
| >Ethanol | 0.1440 | 1.210 | 91.845 |
| n-Propanol | ----- | 2.015 | 179.026 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 6.352 |
| Ethanol | 1.376 | 112.975 |
| n-Propanol | 2.470 | 215.325 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1206710 | Vial: | 19 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 3:18:34 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\19.D | Analyst: | Kosecki |

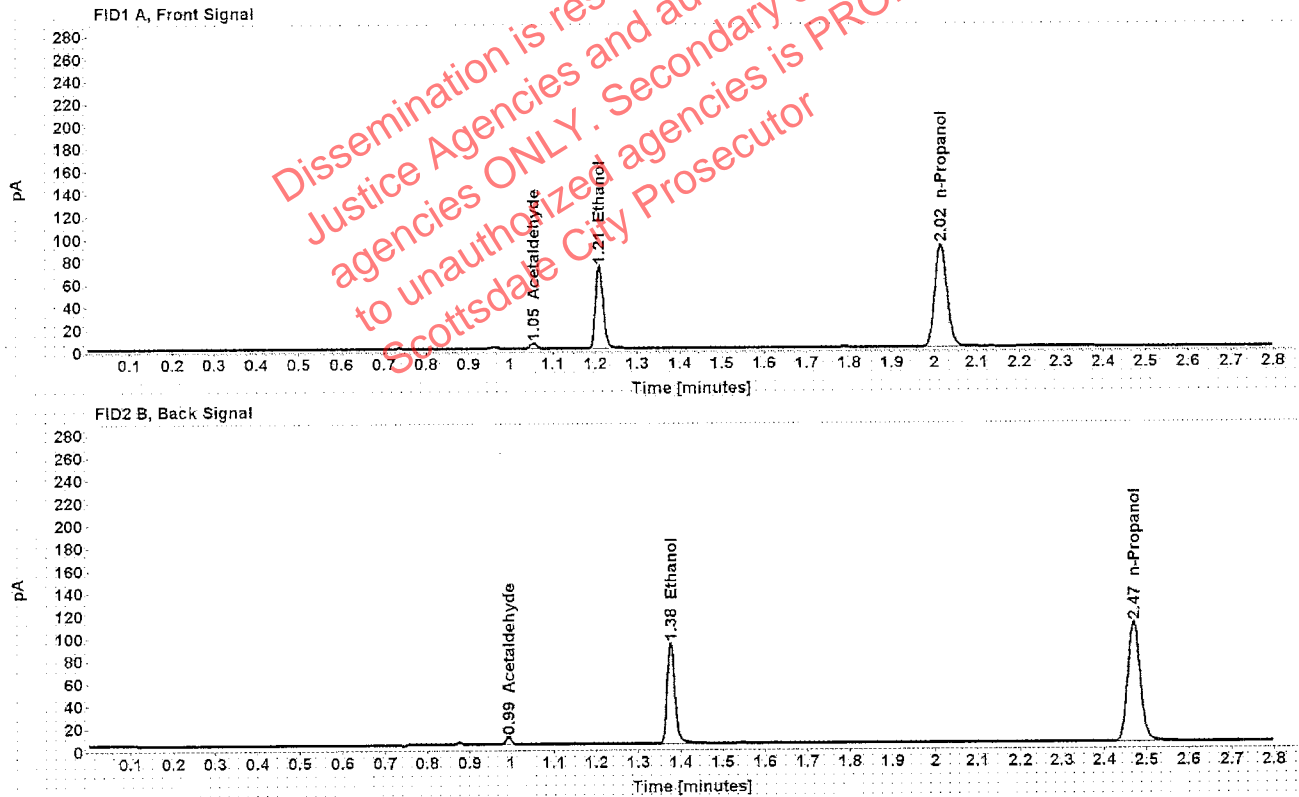


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 4.882 |
| >Ethanol | 0.1442 | 1.210 | 93.289 |
| n-Propanol | ----- | 2.015 | 181.609 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 6.367 |
| Ethanol | 1.376 | 115.321 |
| n-Propanol | 2.470 | 218.040 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1233970 | Vial: | 21 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 3:26:34 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\21.D | Analyst: | Kosecki |

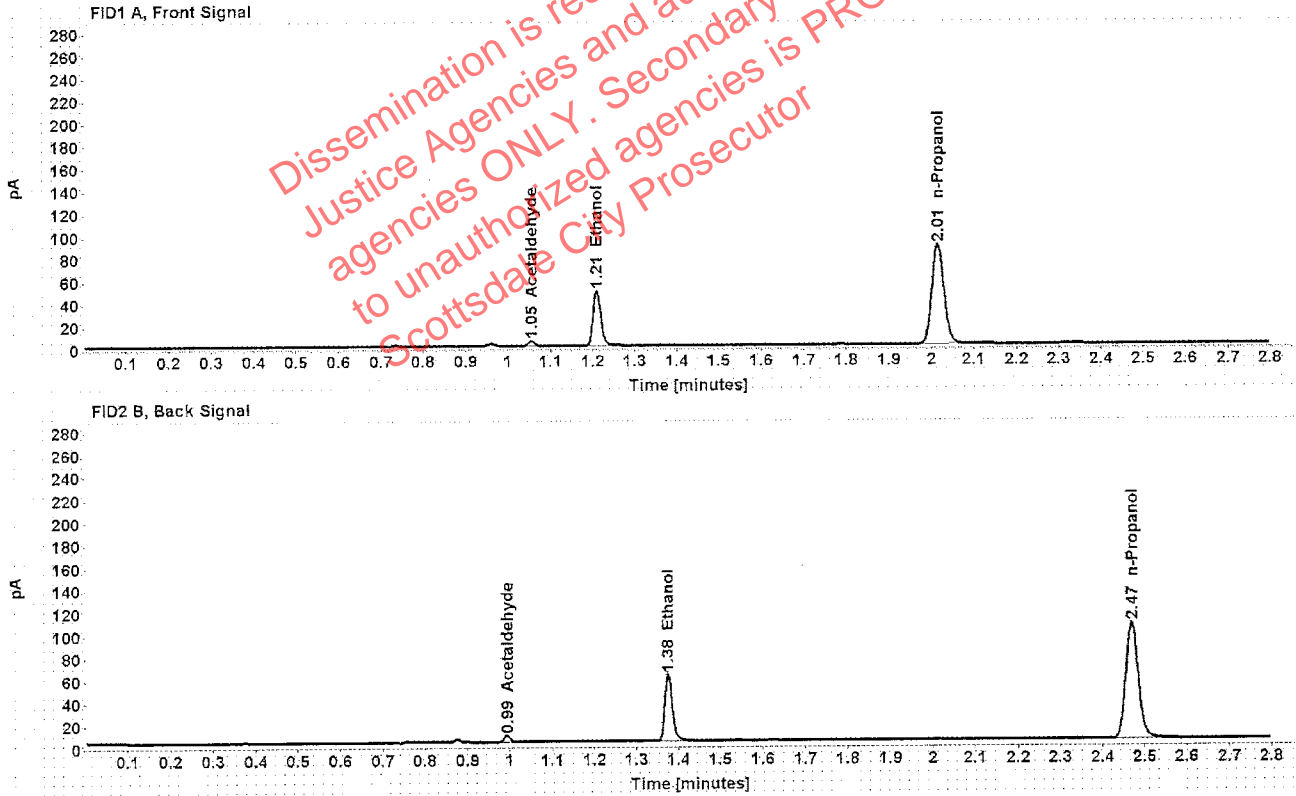


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 4.420 |
| >Ethanol | 0.0995 | 1.210 | 62.666 |
| n-Propanol | ----- | 2.015 | 177.142 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 5.761 |
| Ethanol | 1.375 | 76.193 |
| n-Propanol | 2.469 | 213.031 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|------------------------------|-----------------|----------------------|
| Sample: | 1233970 | Vial: | 22 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 3:30:34 PM |
| Data file: | C:\Chem321\Data\24Jul19\22.D | Analyst: | Kosecki |

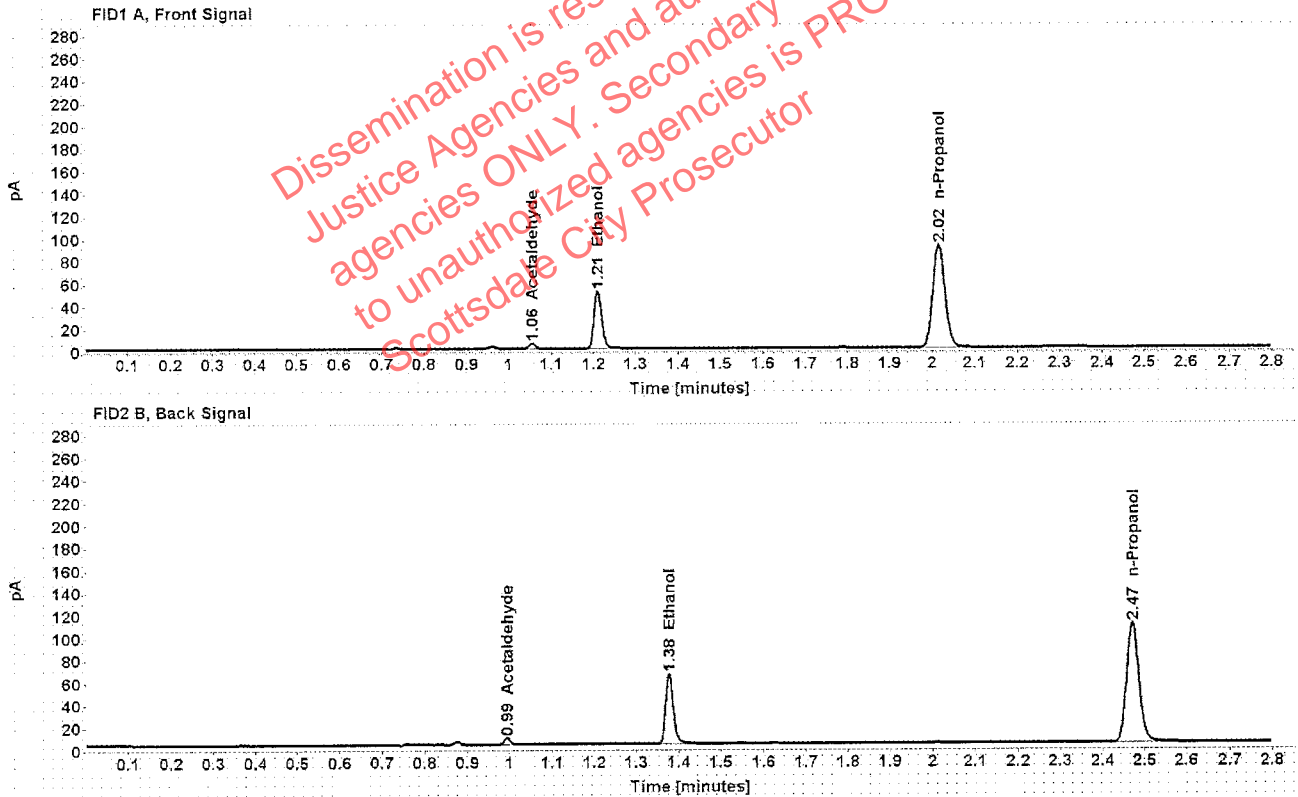


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 4.467 |
| >Ethanol | 0.1018 | 1.210 | 65.990 |
| n-Propanol | ----- | 2.016 | 182.365 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.994 | 5.795 |
| Ethanol | 1.377 | 80.300 |
| n-Propanol | 2.471 | 219.737 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1224910 | Vial: | 23 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 3:34:33 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\23.D | Analyst: | Kosecki |

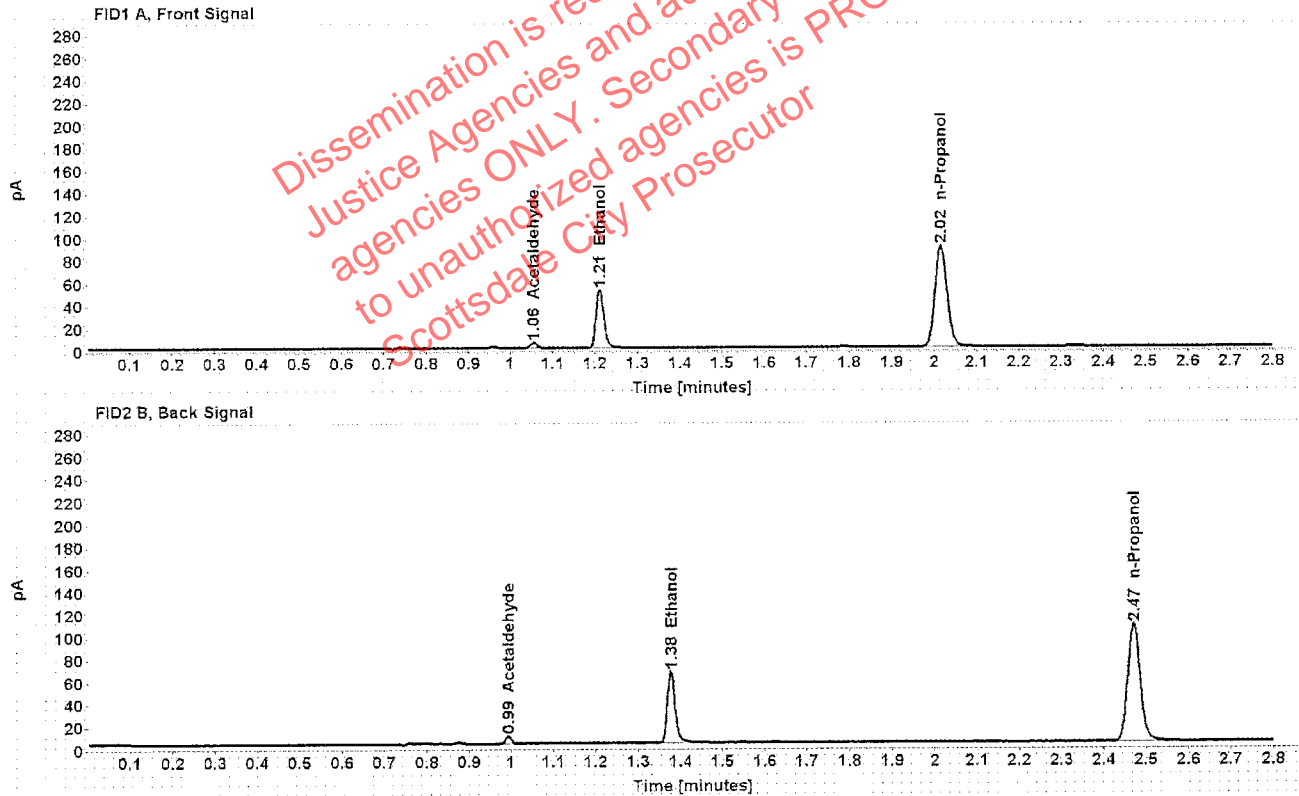


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 4.889 |
| >Ethanol | 0.1046 | 1.211 | 66.662 |
| n-Propanol | ----- | 2.016 | 179.189 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.994 | 6.340 |
| Ethanol | 1.377 | 81.071 |
| n-Propanol | 2.471 | 215.683 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1224910 | Vial: | 24 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 3:38:34 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\24.D | Analyst: | Kosecki |

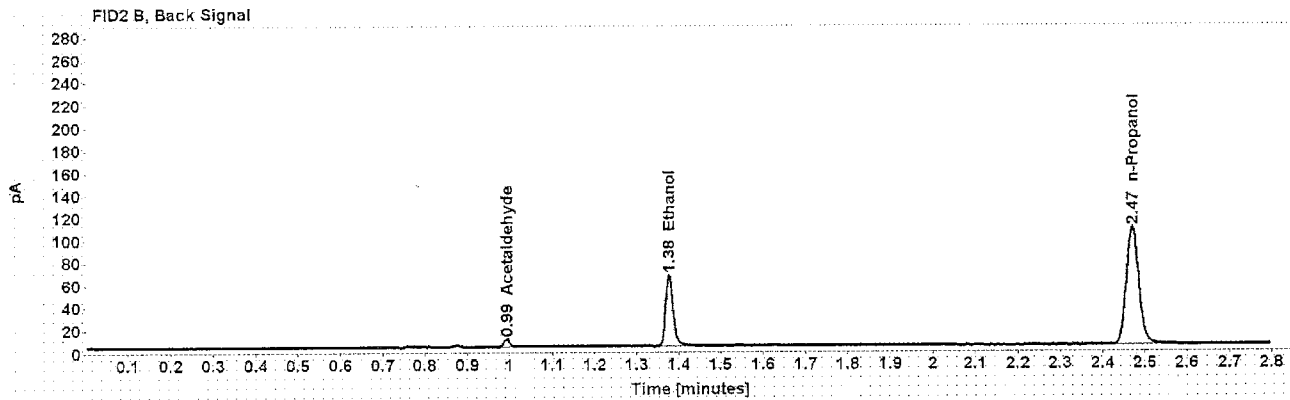
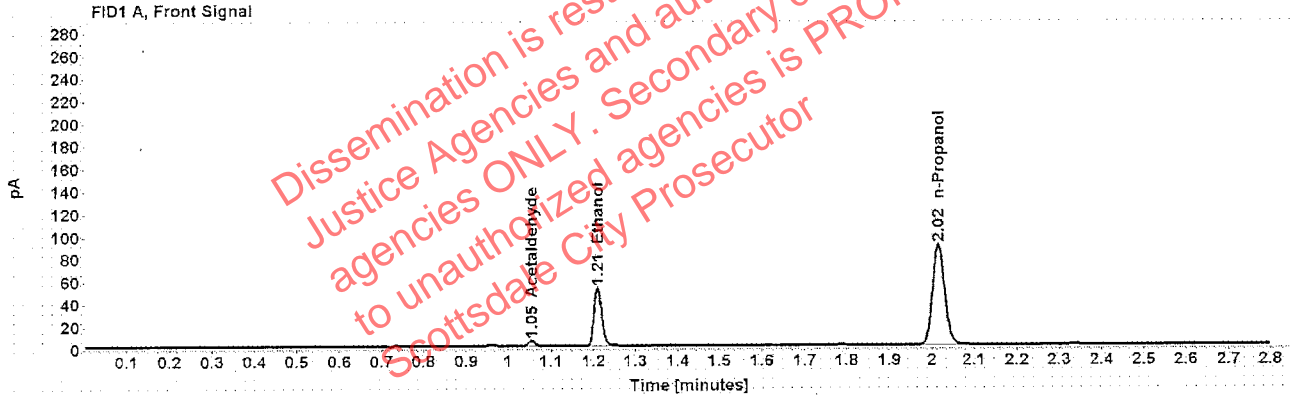


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 4.929 |
| >Ethanol | 0.1041 | 1.210 | 66.036 |
| n-Propanol | ----- | 2.015 | 178.455 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.994 | 6.398 |
| Ethanol | 1.376 | 80.210 |
| n-Propanol | 2.470 | 214.591 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|------------------------------|-----------------|----------------------|
| Sample: | 1230678 | Vial: | 25 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 3:44:16 PM |
| Data file: | C:\Chem321\Data\24Jul19\25.D | Analyst: | Kosecki |

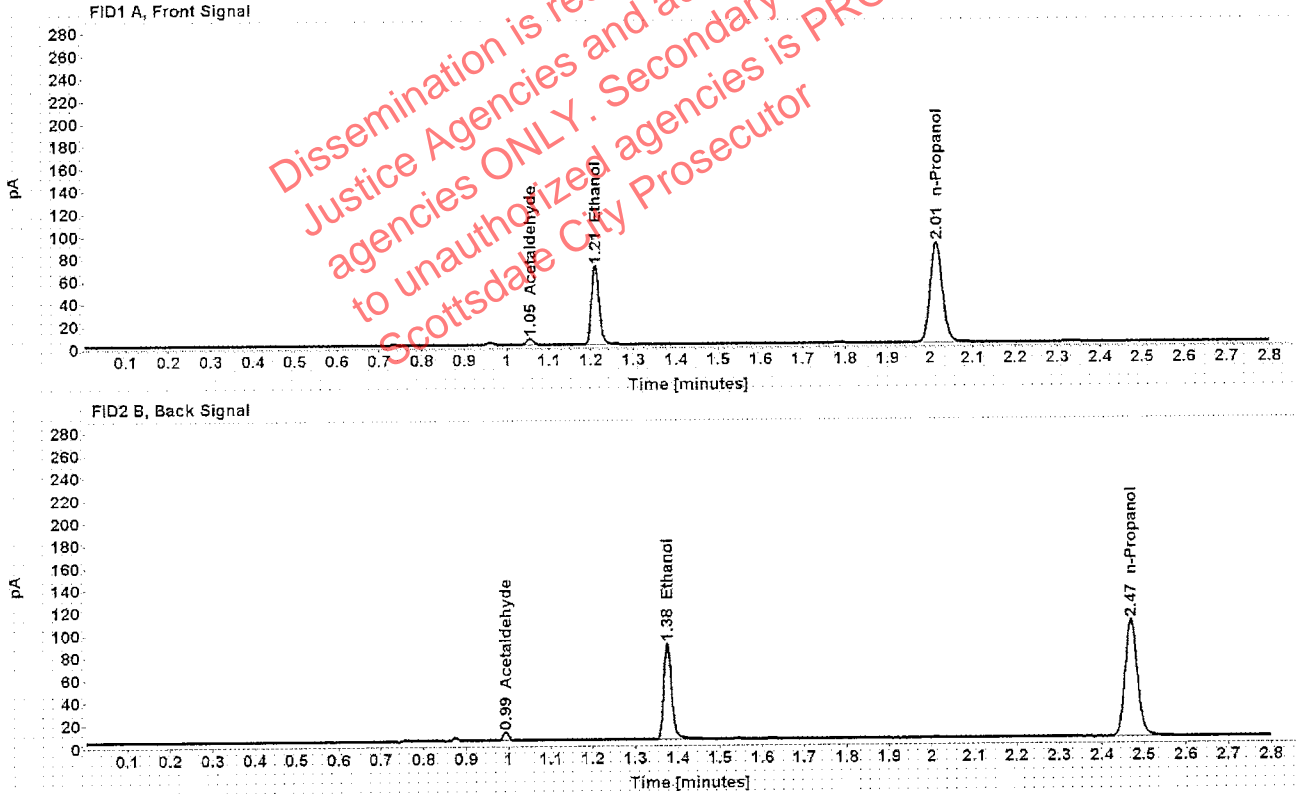


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 5.487 |
| >Ethanol | 0.1403 | 1.209 | 89.219 |
| n-Propanol | ----- | 2.015 | 178.562 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 7.163 |
| Ethanol | 1.375 | 110.417 |
| n-Propanol | 2.469 | 214.543 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1230678 | Vial: | 26 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 3:48:16 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\26.D | Analyst: | Kosecki |

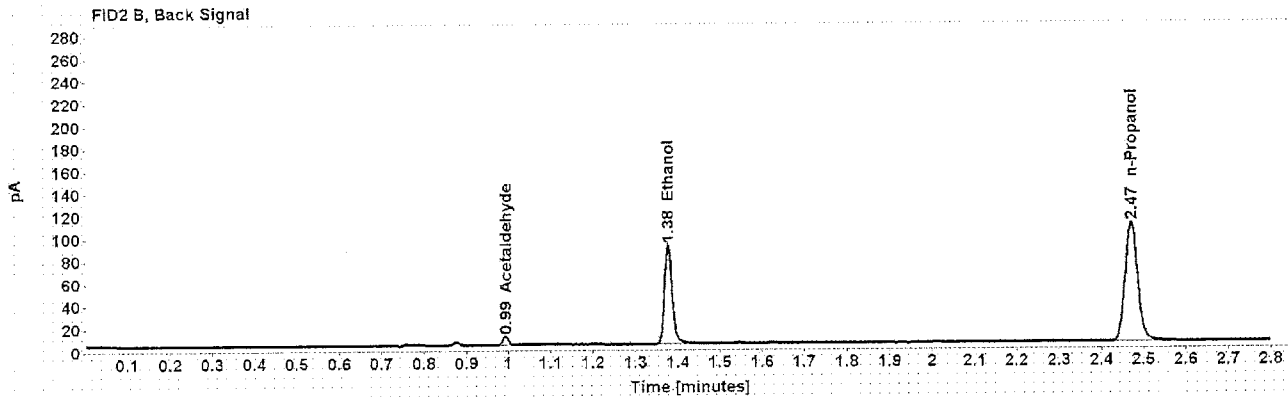
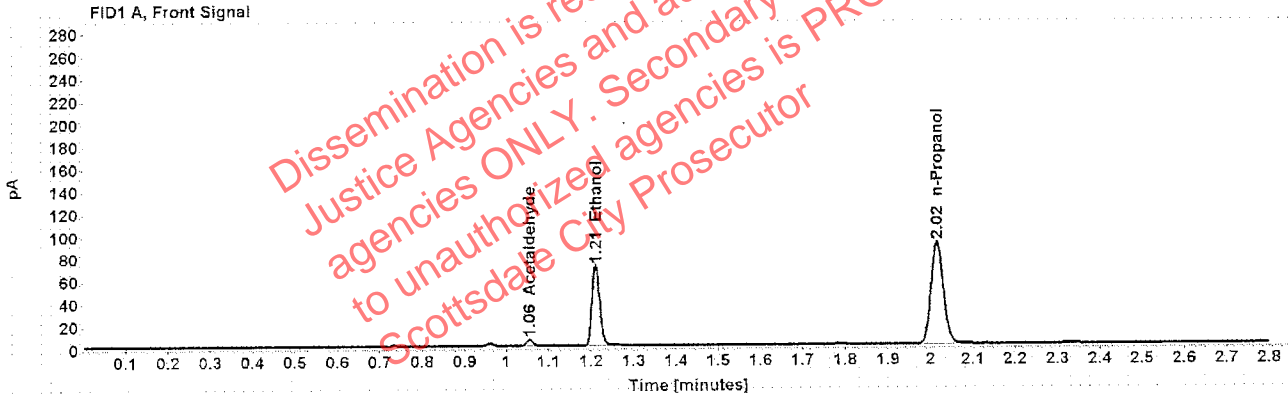


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 5.619 |
| >Ethanol | 0.1415 | 1.210 | 91.367 |
| n-Propanol | ----- | 2.016 | 181.278 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.994 | 7.306 |
| Ethanol | 1.377 | 111.624 |
| n-Propanol | 2.470 | 218.449 |

Case: [REDACTED] User: pkosecki 7/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1236284 | Vial: | 27 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 3:52:17 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\27.D | Analyst: | Kosecki |

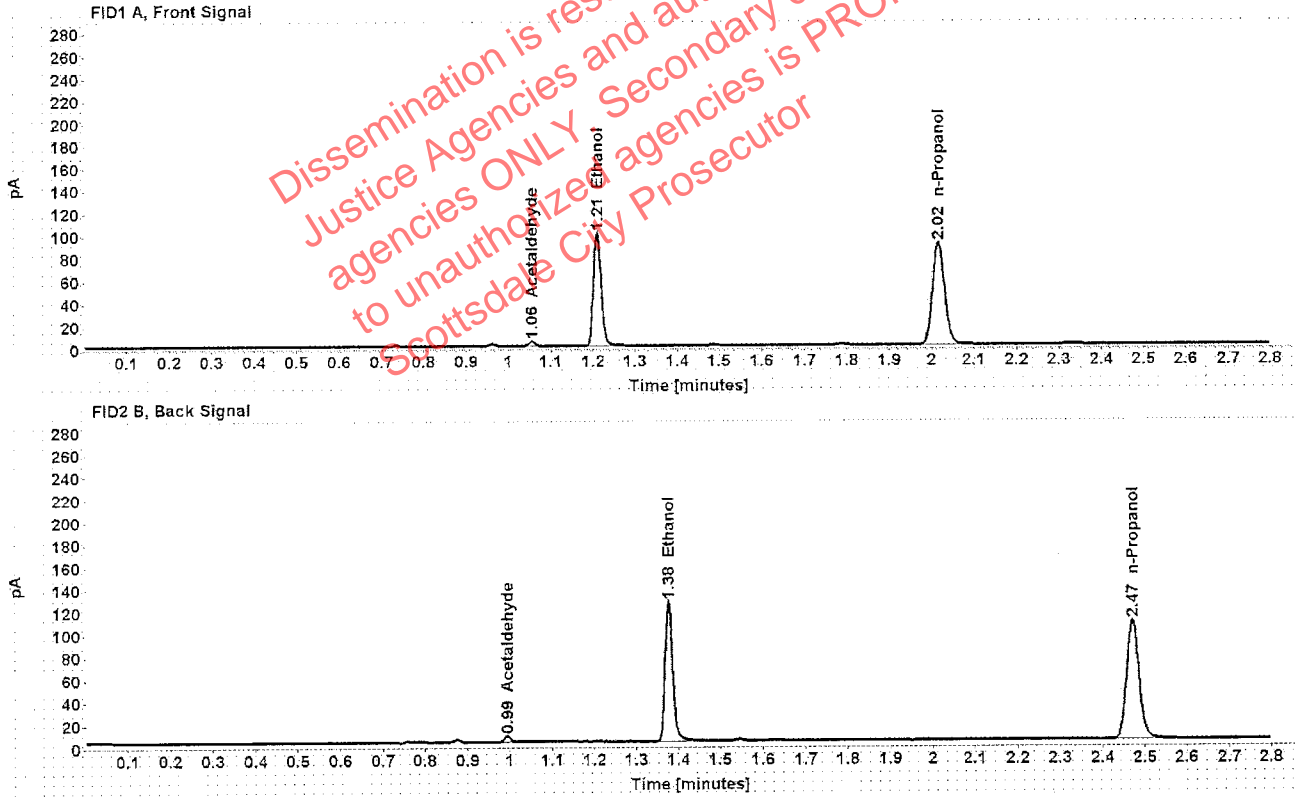


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 4.001 |
| >Ethanol | 0.1994 | 1.210 | 128.496 |
| n-Propanol | ----- | 2.016 | 180.685 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.994 | 5.179 |
| Ethanol | 1.377 | 158.805 |
| n-Propanol | 2.470 | 217.469 |

Case: [REDACTED] User: pkosecki 7/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1236284 | Vial: | 28 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 3:56:18 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\28.D | Analyst: | Kosecki |

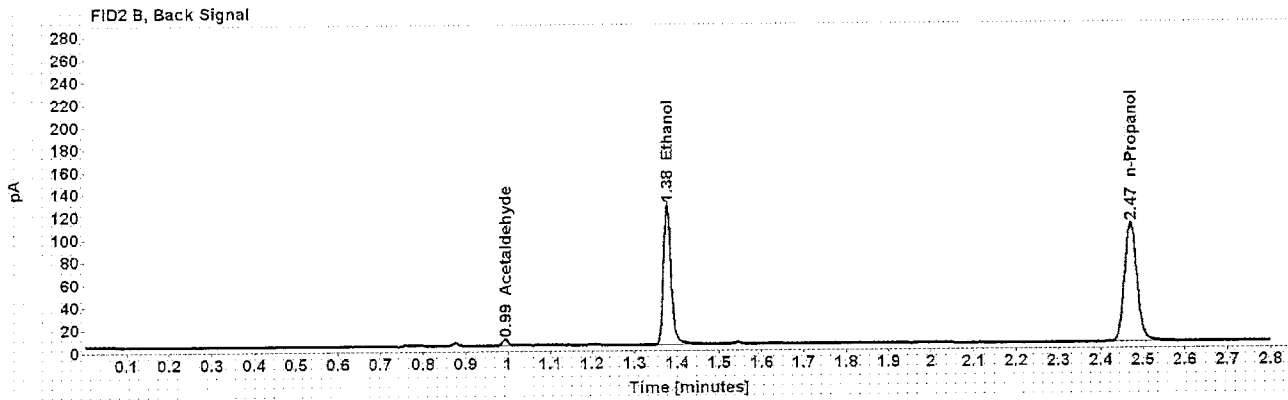
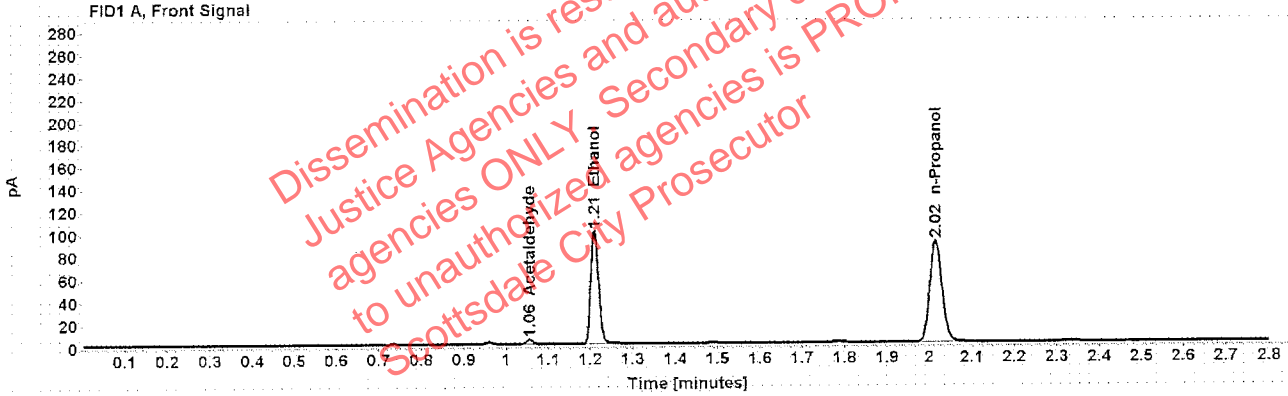


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 3.983 |
| >Ethanol | 0.1997 | 1.210 | 128.455 |
| n-Propanol | ----- | 2.016 | 180.337 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.994 | 5.189 |
| Ethanol | 1.376 | 158.998 |
| n-Propanol | 2.470 | 217.563 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1233842 | Vial: | 29 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 4:00:18 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\29.D | Analyst: | Kosecki |

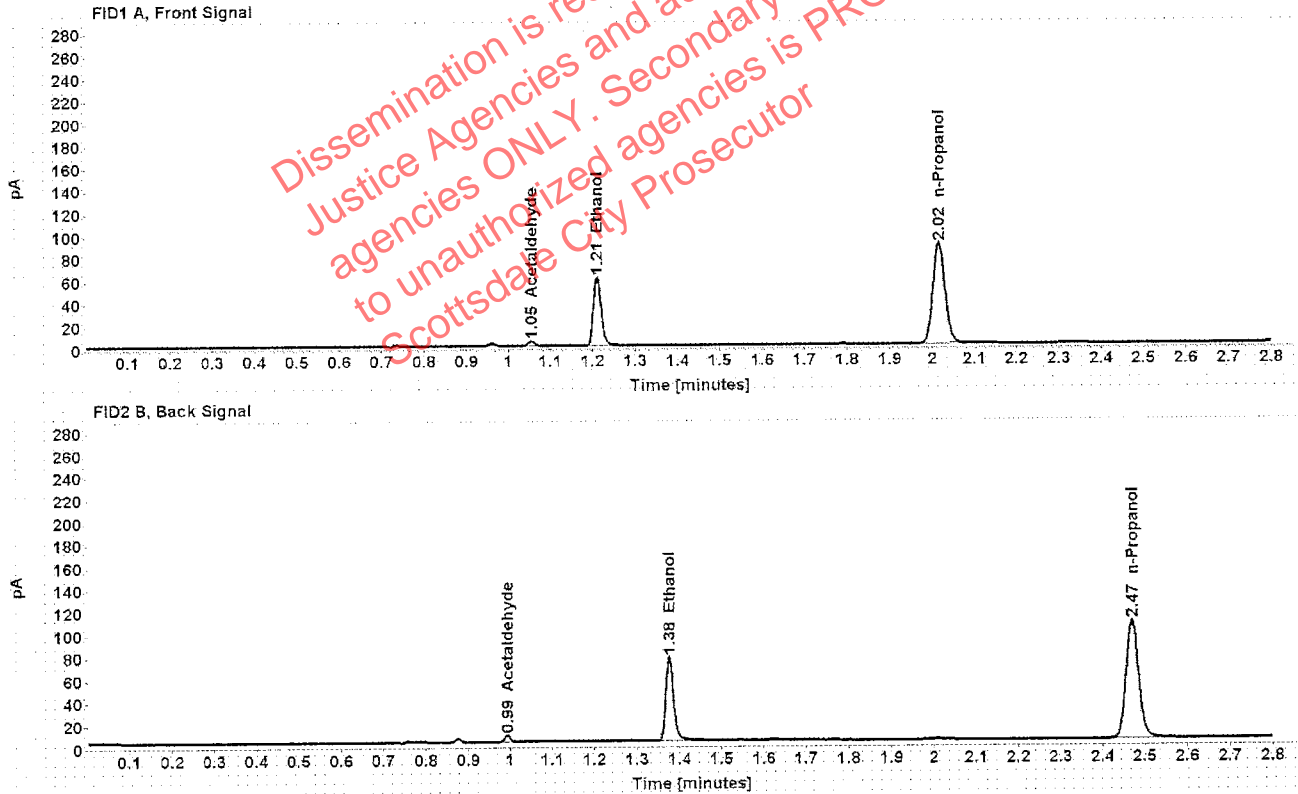


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 4.245 |
| >Ethanol | 0.1224 | 1.210 | 77.729 |
| n-Propanol | ----- | 2.015 | 178.445 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 5.517 |
| Ethanol | 1.376 | 94.847 |
| n-Propanol | 2.470 | 214.831 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1233842 | Vial: | 30 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 4:04:18 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\30.D | Analyst: | Kosecki |

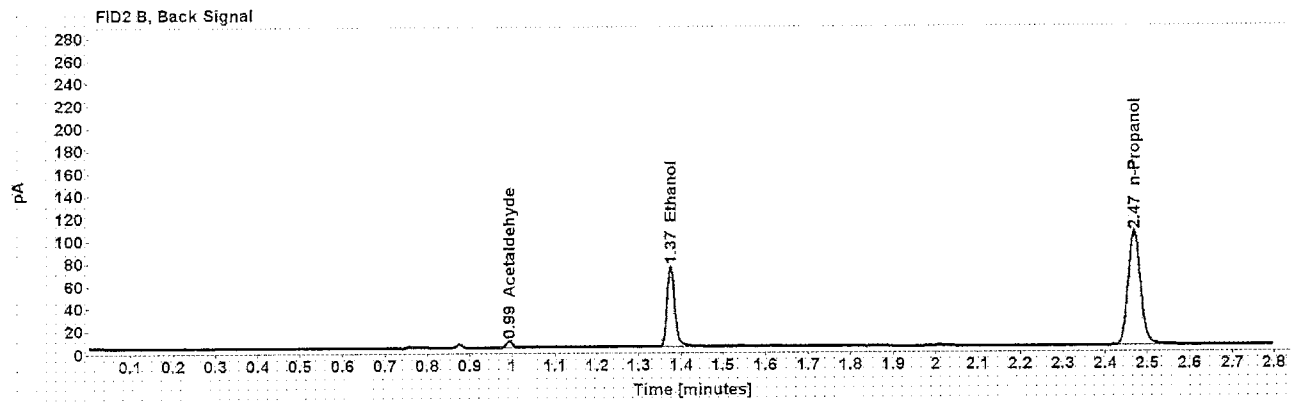
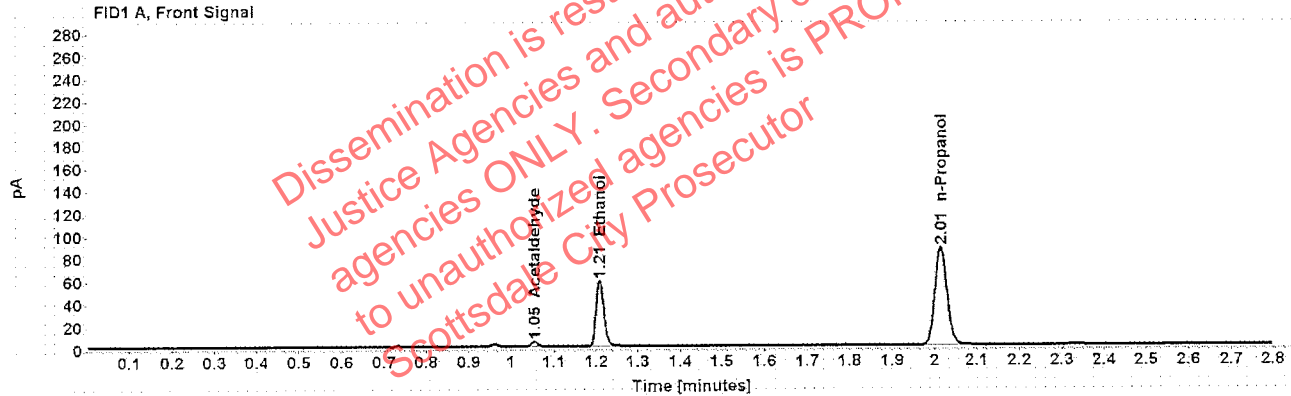


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.054 | 4.243 |
| >Ethanol | 0.1212 | 1.209 | 74.735 |
| n-Propanol | ----- | 2.014 | 173.211 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 5.565 |
| Ethanol | 1.375 | 91.361 |
| n-Propanol | 2.469 | 208.625 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1234531 | Vial: | 32 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 4:13:59 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\32.D | Analyst: | Kosecki |

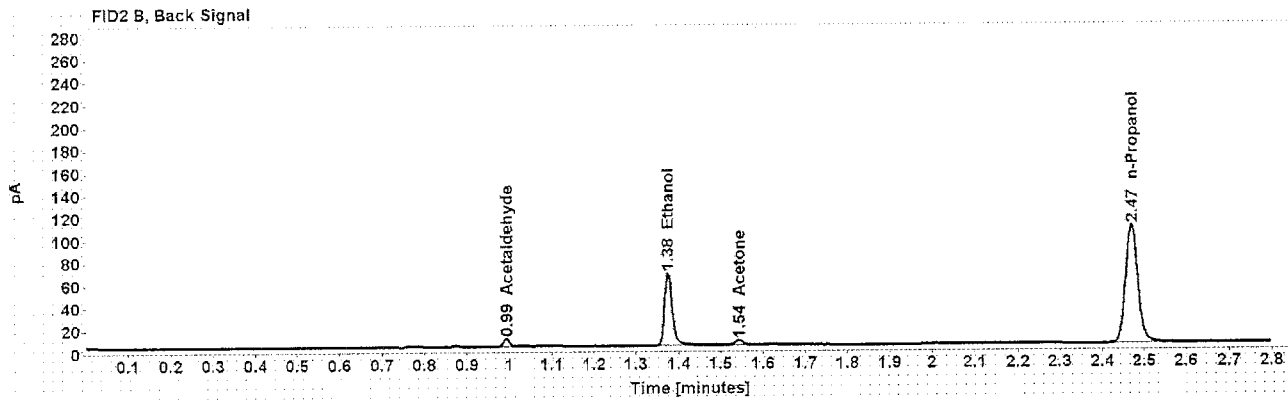
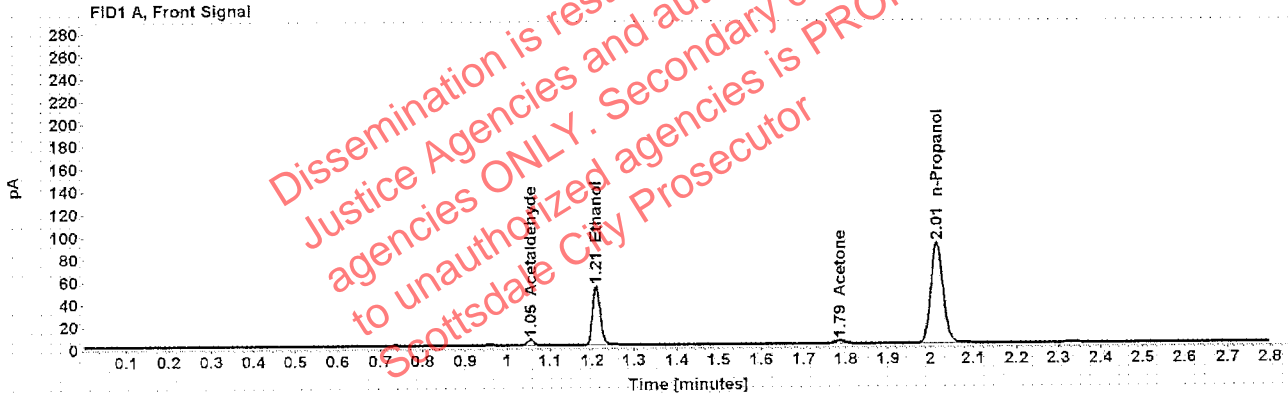


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 5.286 |
| >Ethanol | 0.1056 | 1.210 | 67.337 |
| Acetone | ----- | 1.786 | 4.677 |
| n-Propanol | ----- | 2.015 | 179.408 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 6.856 |
| Ethanol | 1.375 | 81.683 |
| Acetone | 1.543 | 5.549 |
| n-Propanol | 2.469 | 215.692 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1234531 | Vial: | 33 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 4:18:00 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\33.D | Analyst: | Kosecki |

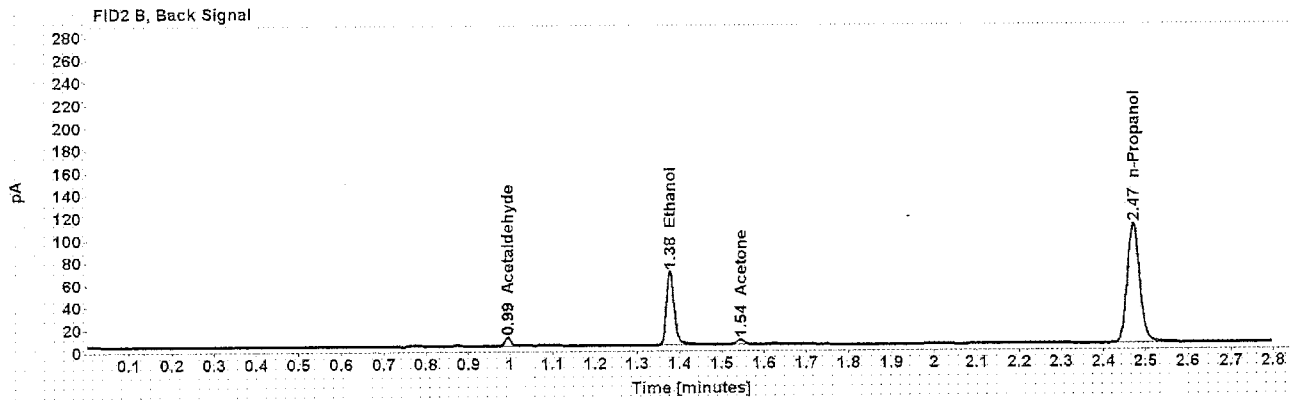
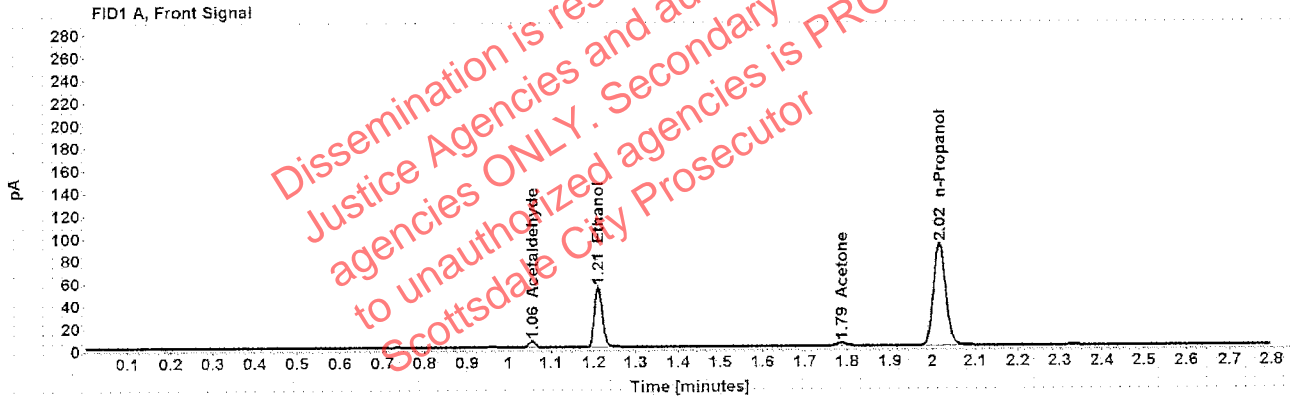


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 5.412 |
| >Ethanol | 0.1067 | 1.211 | 69.190 |
| Acetone | ----- | 1.787 | 4.673 |
| n-Propanol | ----- | 2.016 | 182.330 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.994 | 6.980 |
| Ethanol | 1.377 | 84.063 |
| Acetone | 1.544 | 5.434 |
| n-Propanol | 2.471 | 219.072 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1280352 | Vial: | 34 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 4:21:59 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\34.D | Analyst: | Kosecki |

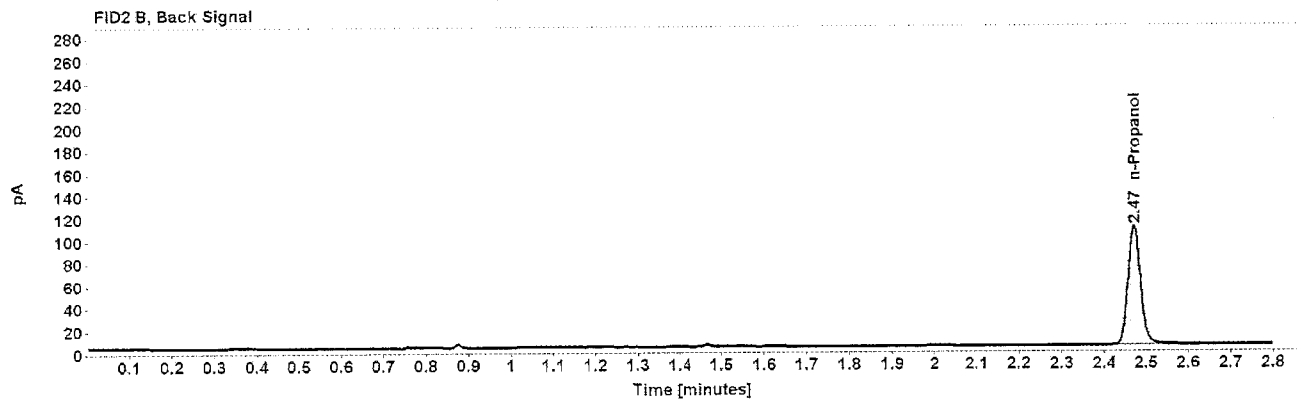
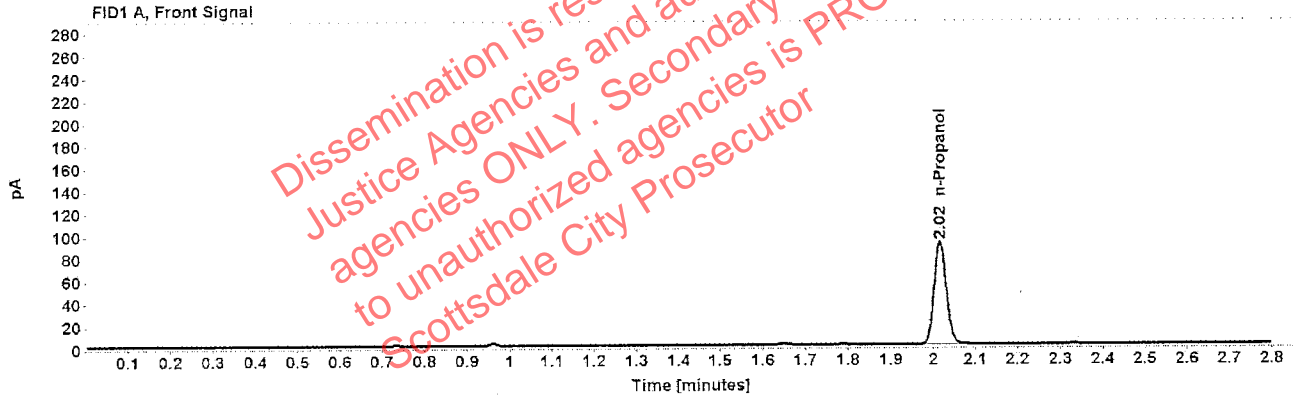


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | ----- | 2.016 | 181.168 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.471 | 218.583 |

Case: [REDACTED] User: pkosecki 7/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1280352 | Vial: | 35 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 4:26:00 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\35.D | Analyst: | Kosecki |

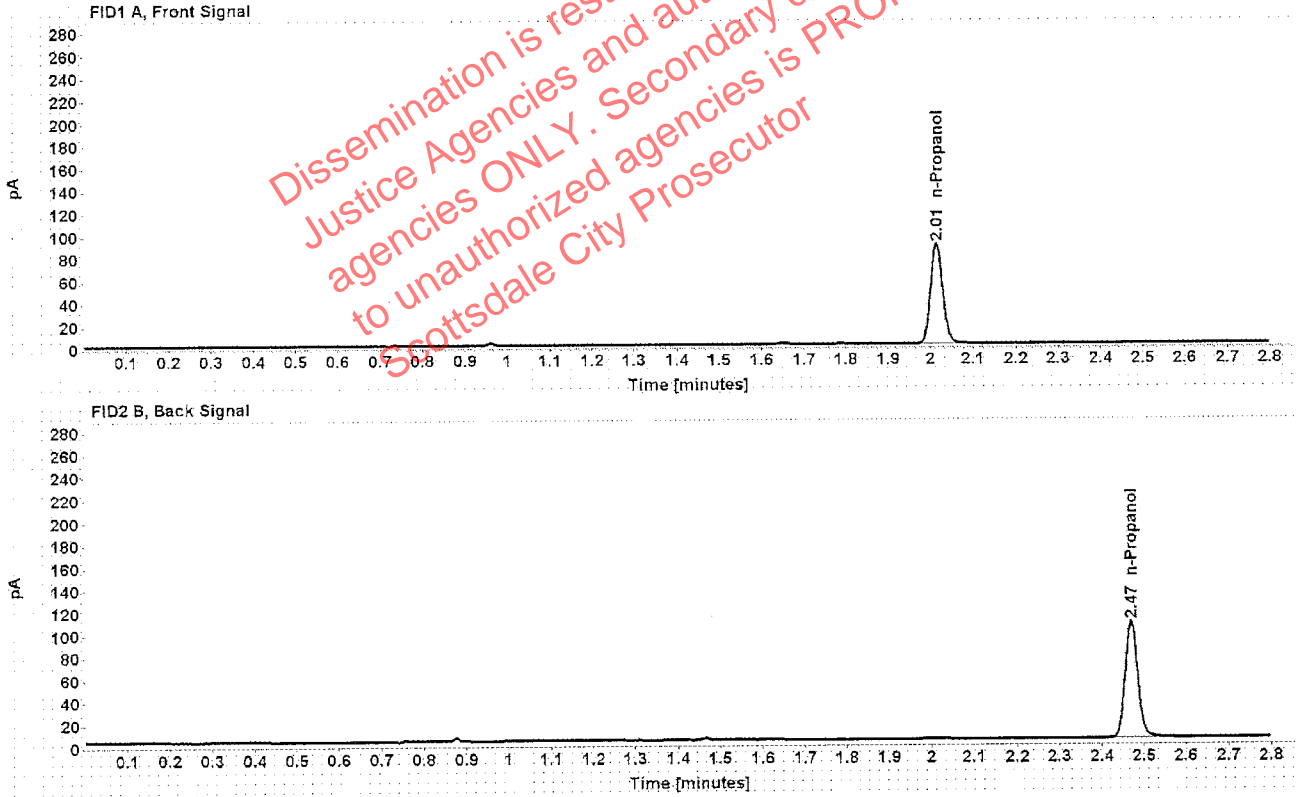


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | ----- | 2.015 | 176.848 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.469 | 213.102 |

Case: [REDACTED] User: pkosecki 7/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1252088 | Vial: | 36 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.m | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 4:30:00 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\36.D | Analyst: | Kosecki |

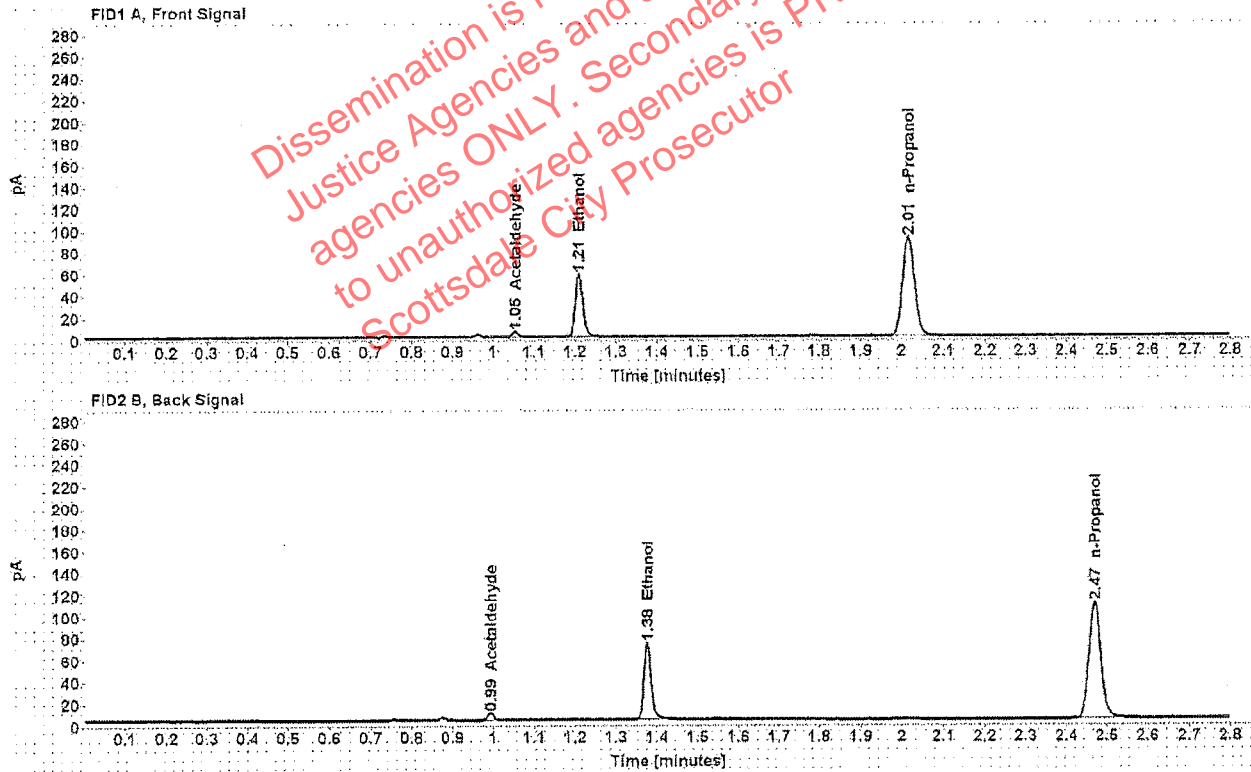


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 4.759 |
| >Ethanol | 0.1142 | 1.210 | 73.721 |
| n-Propanol | ----- | 2.015 | 181.515 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 6.181 |
| Ethanol | 1.376 | 89.593 |
| n-Propanol | 2.469 | 218.605 |

User: pkosecki 7/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1252088 | Vial: | 37 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 4:35:44 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\37.D | Analyst: | Kosecki |

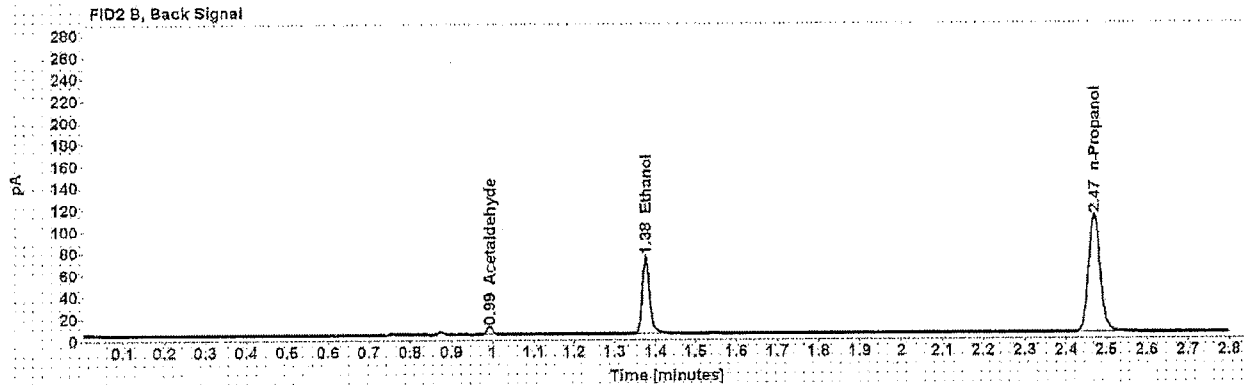
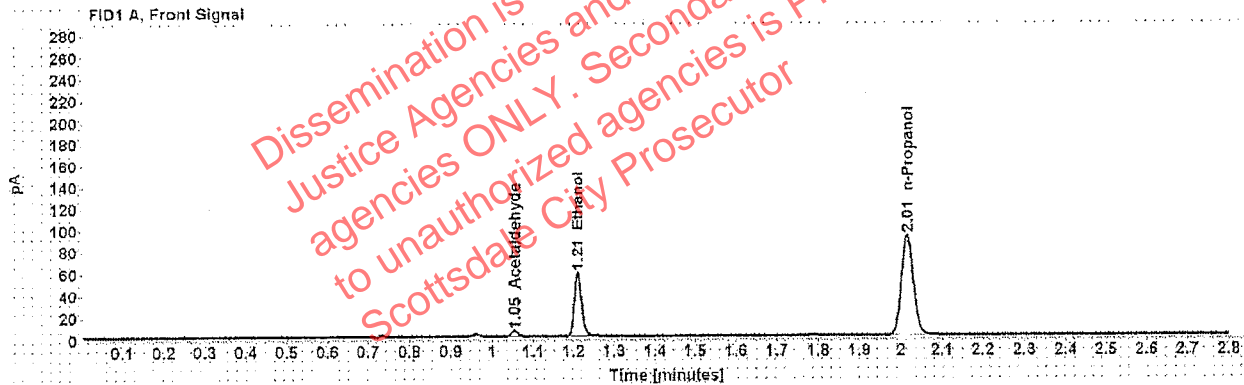


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 4.958 |
| >Ethanol | 0.1136 | 1.210 | 74.264 |
| n-Propanol | ----- | 2.015 | 183.762 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 6.452 |
| Ethanol | 1.376 | 90.242 |
| n-Propanol | 2.469 | 220.619 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1263722 | Vial: | 38 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 4:39:44 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\38.D | Analyst: | Kosecki |

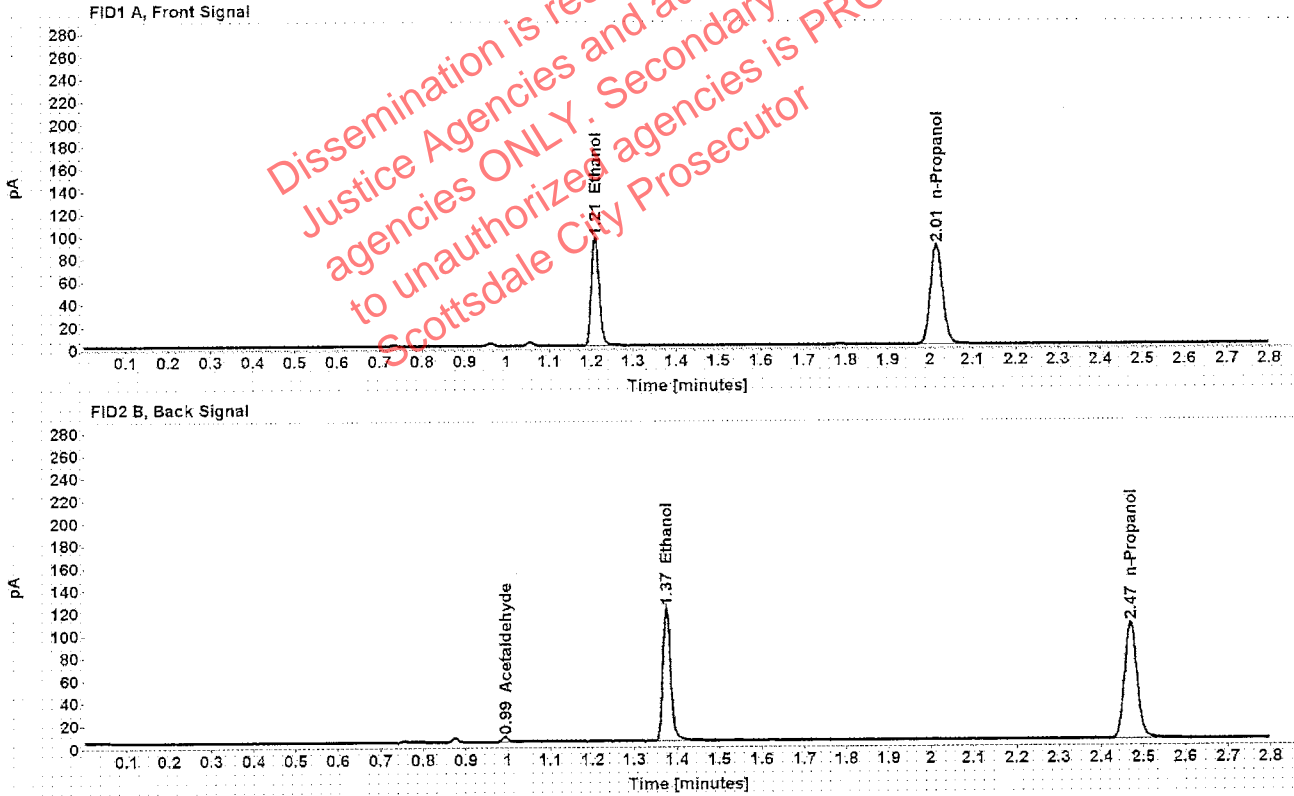


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1947 | 1.209 | 122.695 |
| n-Propanol | ----- | 2.015 | 176.674 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 4.316 |
| Ethanol | 1.375 | 151.951 |
| n-Propanol | 2.469 | 212.683 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1263722 | Vial: | 39 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 4:43:43 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\39.D | Analyst: | Kosecki |

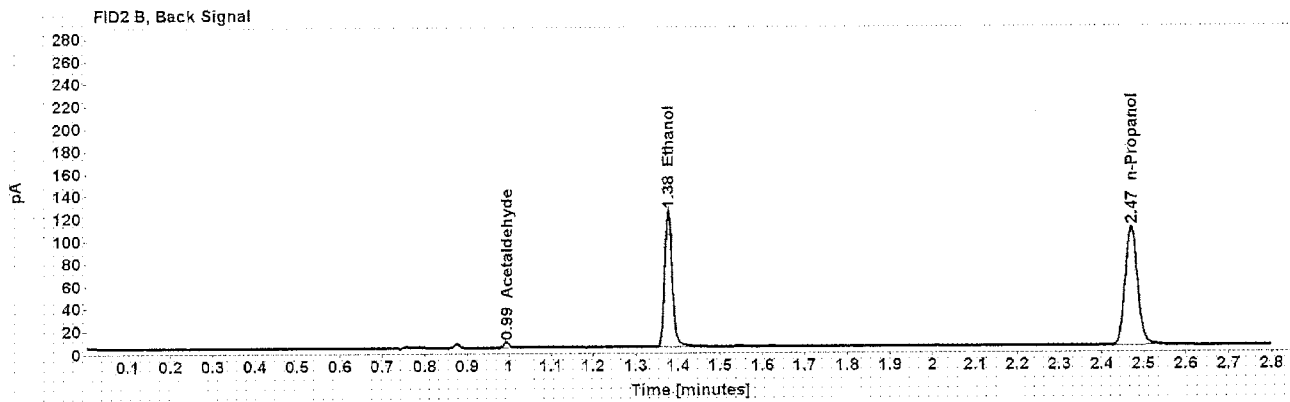
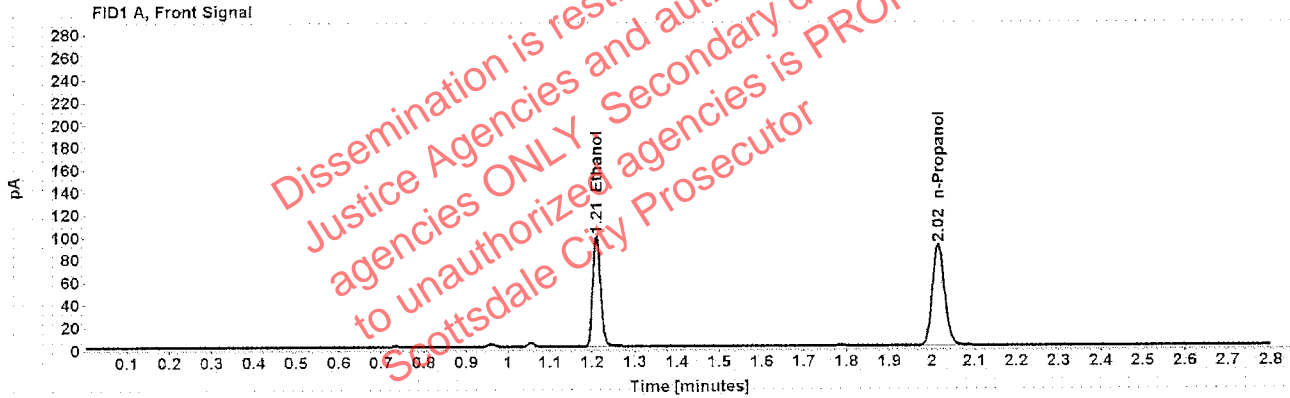


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1963 | 1.210 | 125.846 |
| n-Propanol | ----- | 2.015 | 179.739 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.994 | 4.420 |
| Ethanol | 1.376 | 156.010 |
| n-Propanol | 2.470 | 216.647 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 33402DG | Vial: | 40 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 4:47:44 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\40.D | Analyst: | Kosecki |

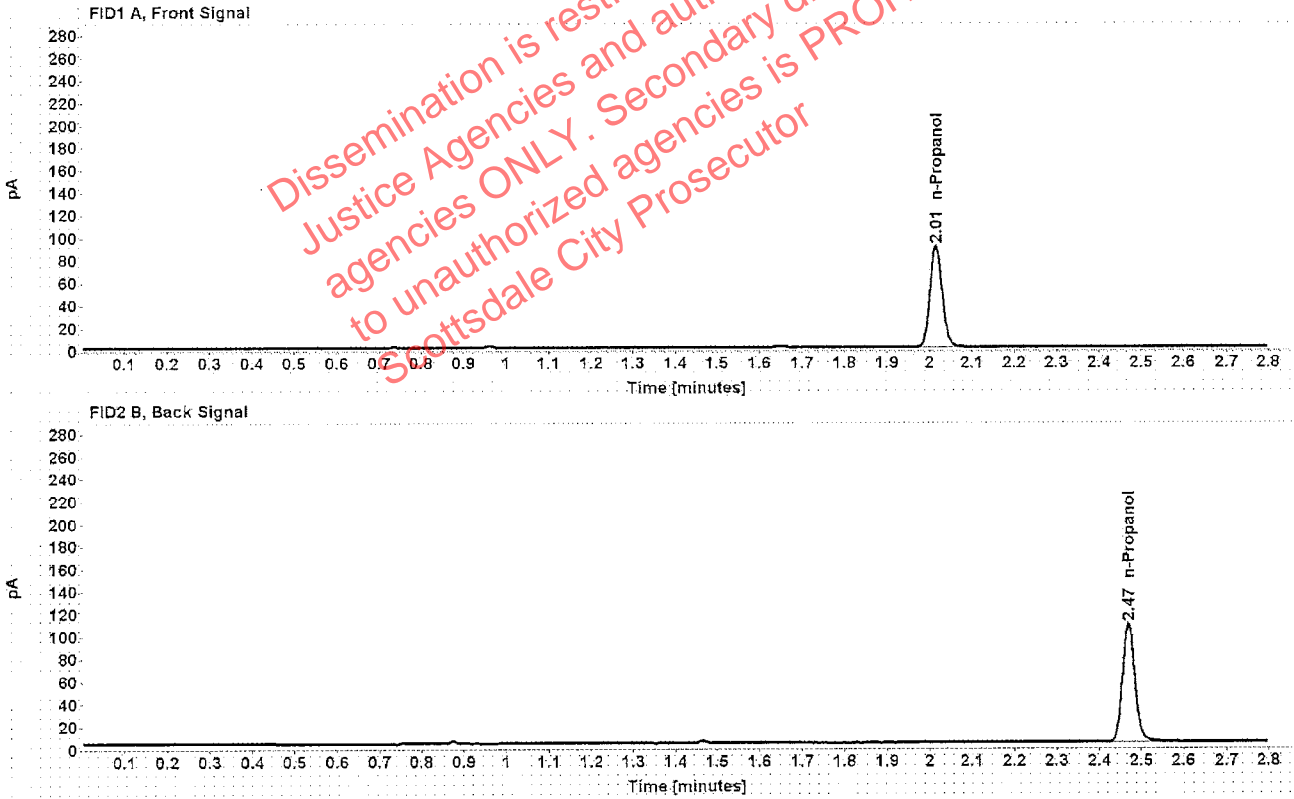


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | ----- | 2.015 | 179.266 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.469 | 216.061 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 33402DG | Vial: | 41 |
| Description: | [redacted] | LIMS ID: | [redacted] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 4:51:42 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\41.D | Analyst: | Kosecki |

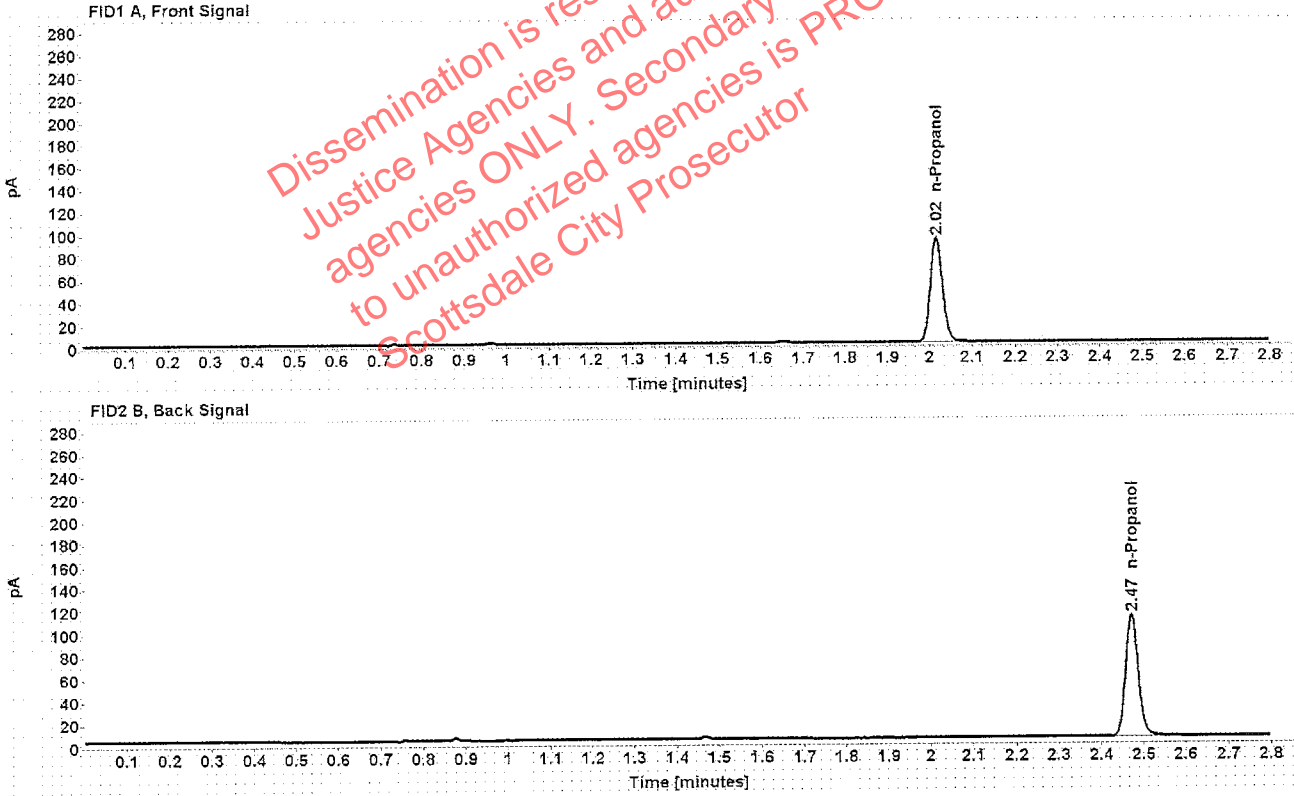


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | ----- | 2.016 | 184.800 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.471 | 222.808 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 33101JM | Vial: | 43 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 5:01:26 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\43.D | Analyst: | Kosecki |

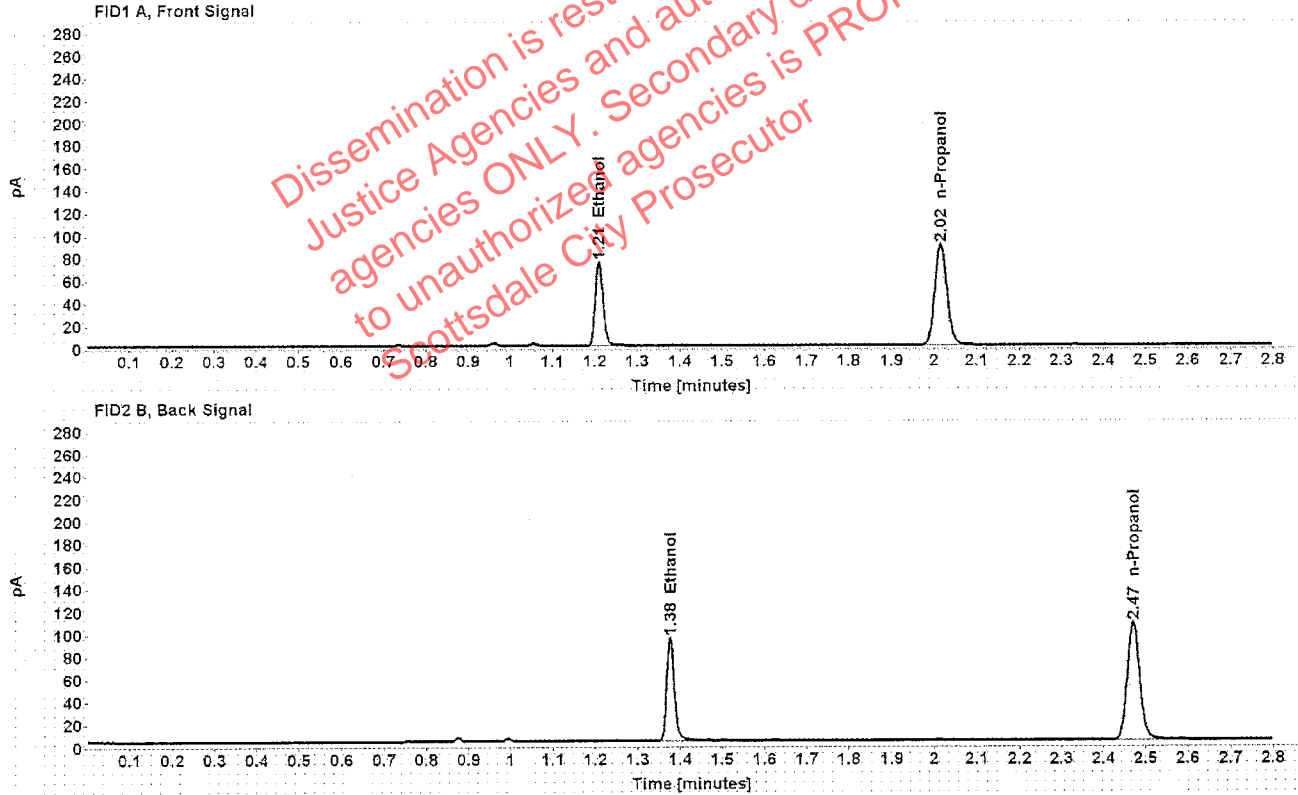


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1508 | 1.210 | 95.703 |
| n-Propanol | ----- | 2.015 | 178.136 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.376 | 118.526 |
| n-Propanol | 2.470 | 213.787 |

Case: [redacted] User: pkosecki 7/26/2019

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 33101JM | Vial: | 44 |
| Description: | [redacted] | LIMS ID: | [redacted] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 5:05:26 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\44.D | Analyst: | Kosecki |

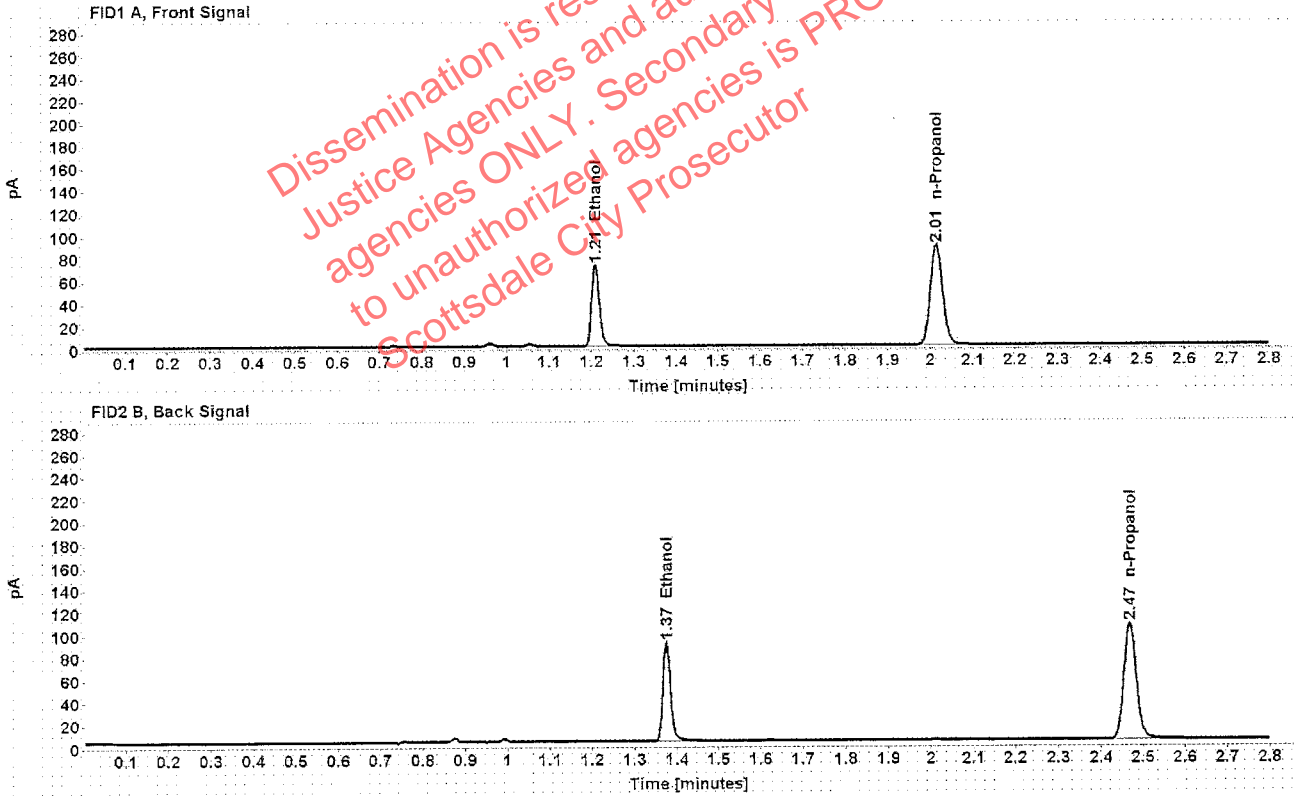


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1455 | 1.209 | 91.673 |
| n-Propanol | ----- | 2.014 | 176.904 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 111.767 |
| n-Propanol | 2.469 | 212.638 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1262462 | Vial: | 45 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 5:09:27 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\45.D | Analyst: | Kosecki |

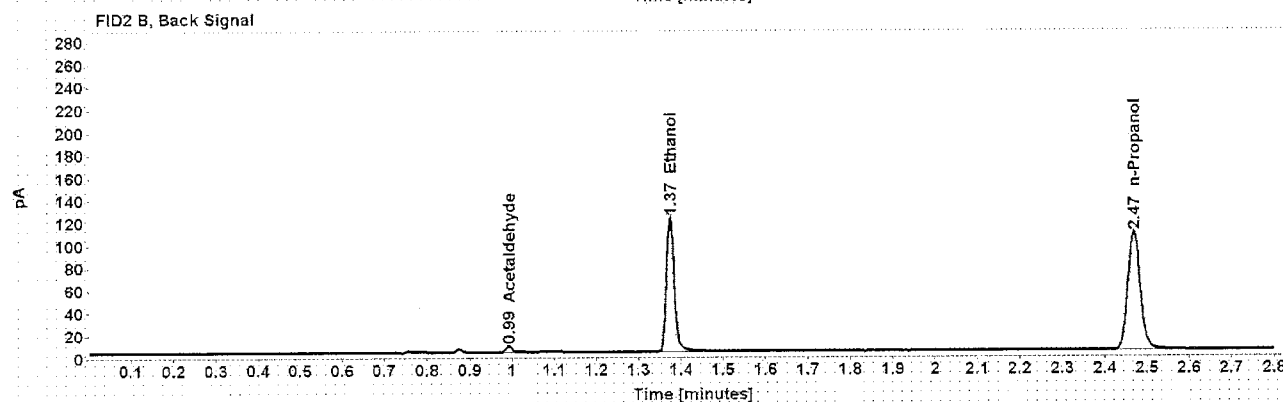
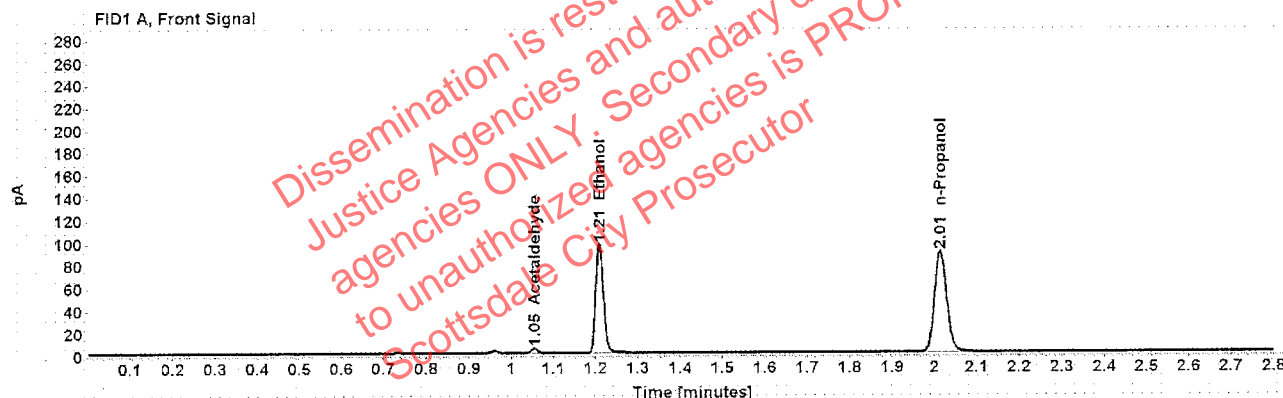


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 4.044 |
| >Ethanol | 0.1937 | 1.209 | 123.635 |
| n-Propanol | ----- | 2.014 | 178.984 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 5.320 |
| Ethanol | 1.375 | 153.204 |
| n-Propanol | 2.469 | 215.359 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1262462 | Vial: | 46 |
| Description: | ██████████ | LIMS ID: | ██████████ |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 5:13:26 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\46.D | Analyst: | Kosecki |

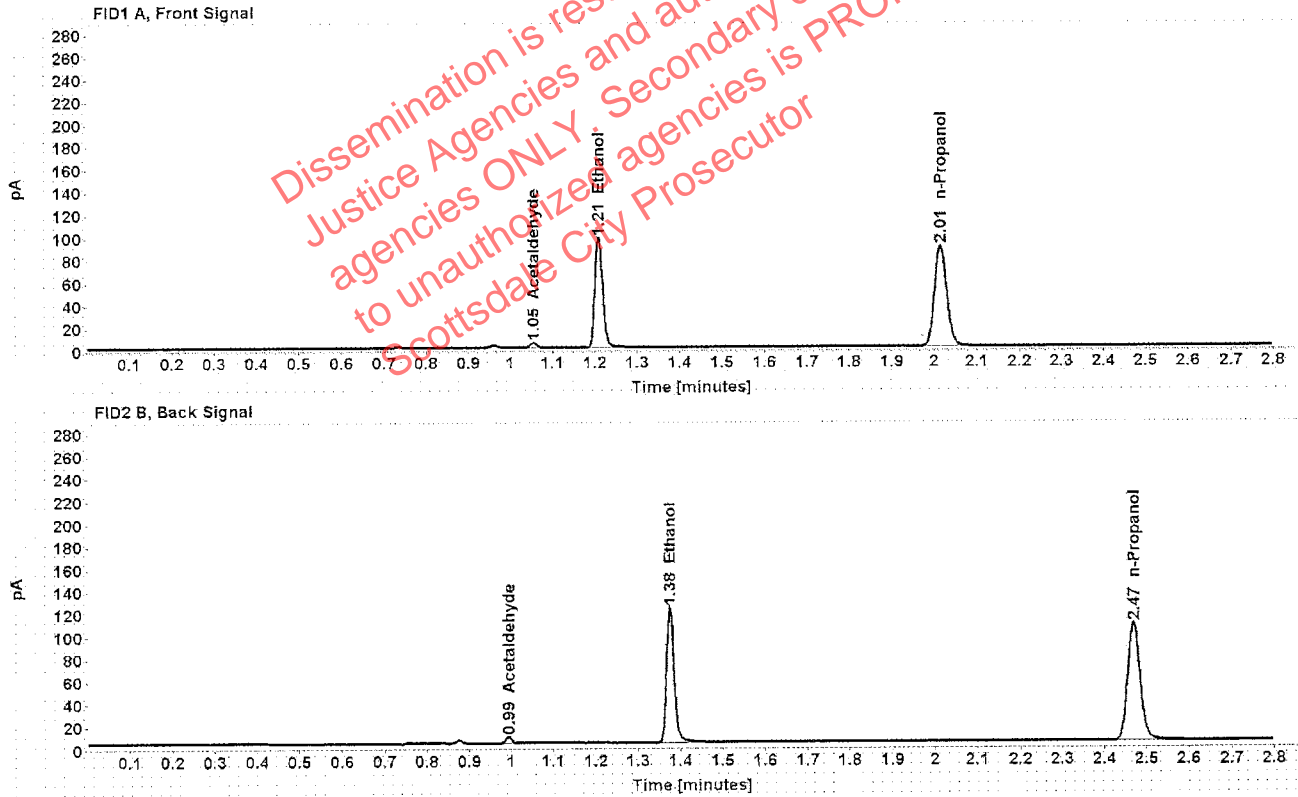


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 4.067 |
| >Ethanol | 0.1956 | 1.209 | 124.229 |
| n-Propanol | ----- | 2.015 | 178.029 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 5.307 |
| Ethanol | 1.375 | 154.094 |
| n-Propanol | 2.469 | 215.134 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1278636 | Vial: | 47 |
| Description: | [redacted] | LIMS ID: | [redacted] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 5:17:25 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\47.D | Analyst: | Kosecki |

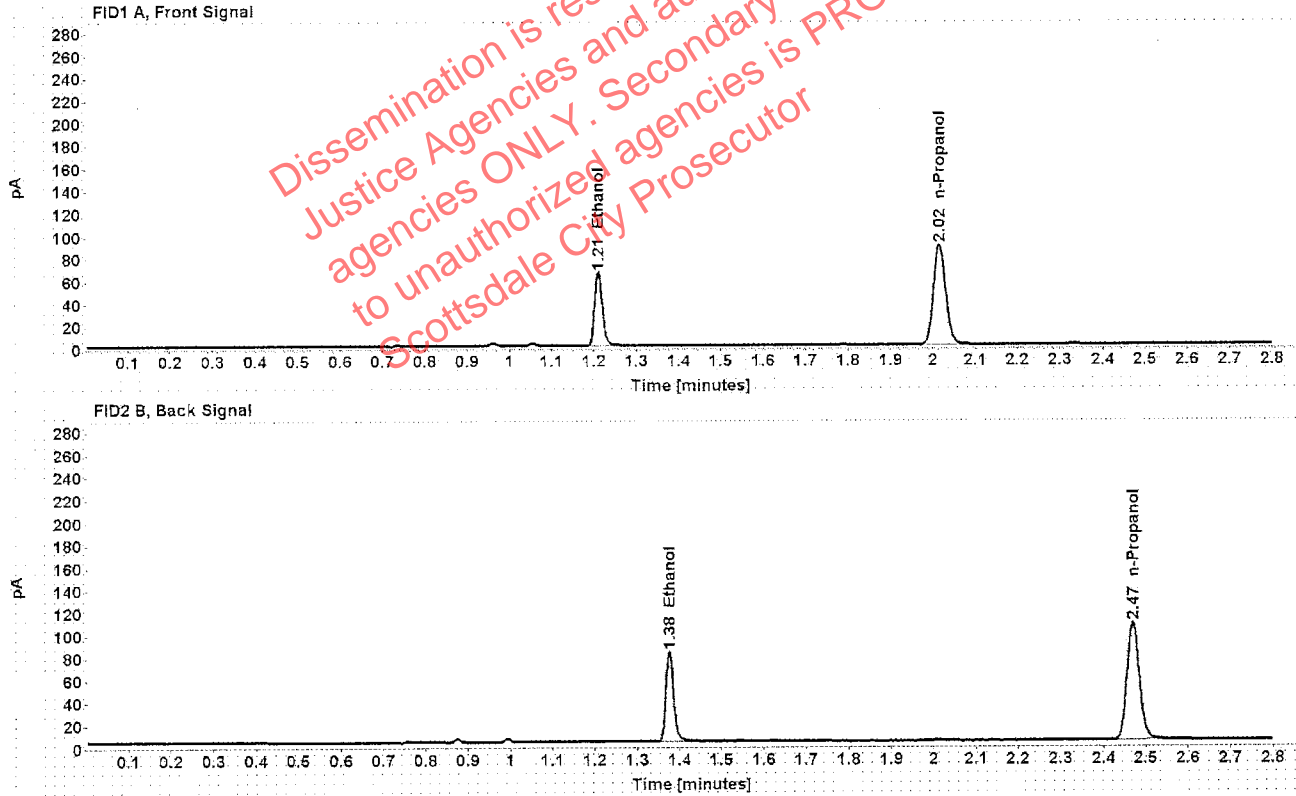


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1320 | 1.210 | 83.808 |
| n-Propanol | ----- | 2.015 | 178.351 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.376 | 102.601 |
| n-Propanol | 2.470 | 214.536 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1278636 | Vial: | 48 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 5:21:26 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\48.D | Analyst: | Kosecki |

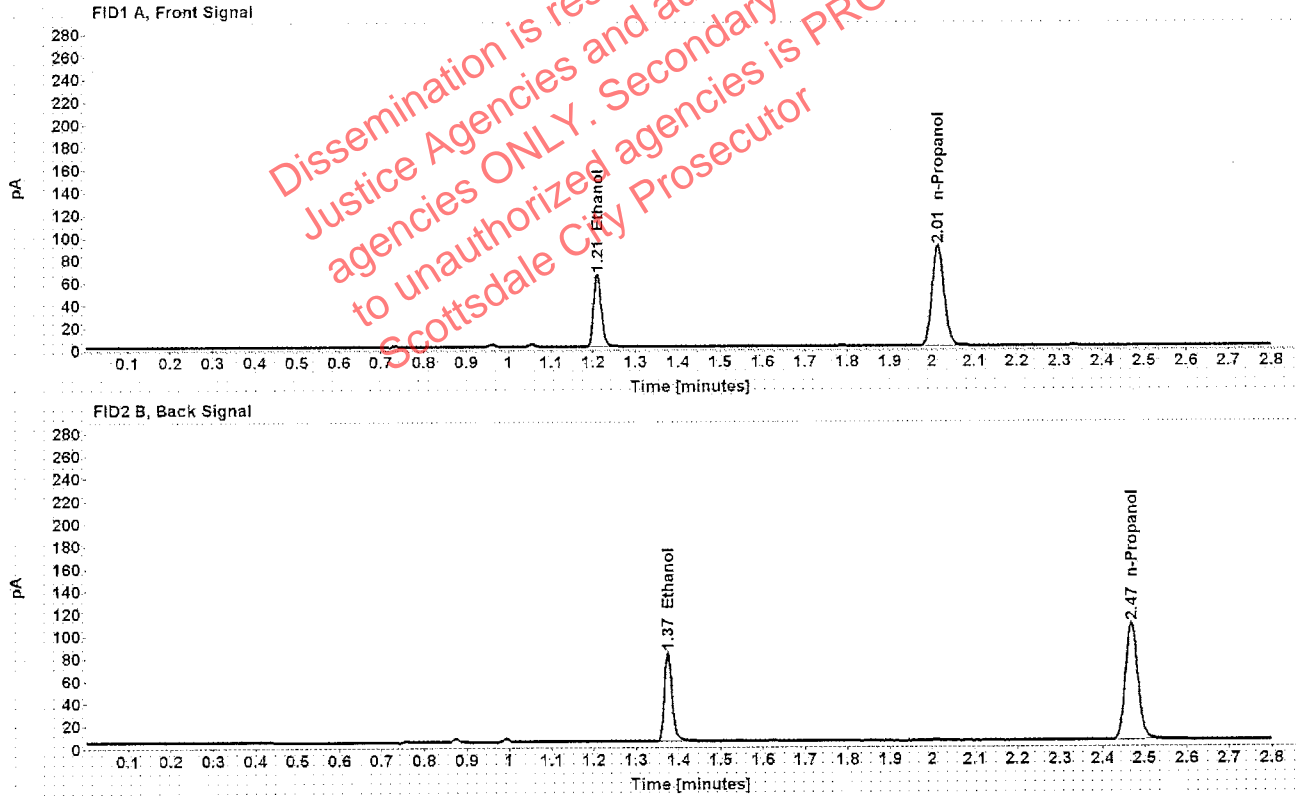


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1304 | 1.209 | 82.522 |
| n-Propanol | ----- | 2.014 | 177.750 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 100.764 |
| n-Propanol | 2.469 | 213.844 |

Scottsdale Police Department Crime Lab Volatiles Analysis

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|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1278106 | Vial: | 49 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 5:27:10 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\49.D | Analyst: | Kosecki |

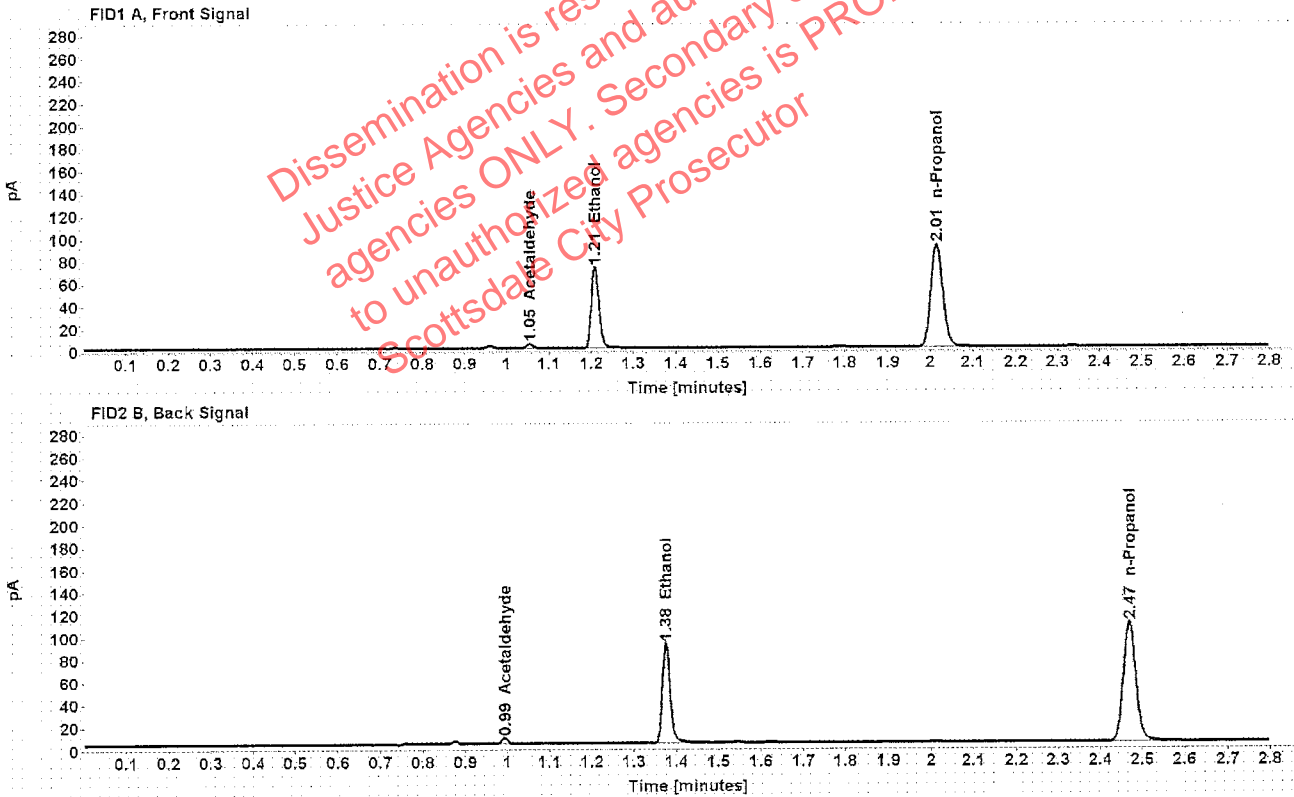


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 3.885 |
| >Ethanol | 0.1427 | 1.209 | 92.565 |
| n-Propanol | ----- | 2.015 | 182.096 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 5.103 |
| Ethanol | 1.375 | 113.197 |
| n-Propanol | 2.469 | 219.385 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1278106 | Vial: | 50 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 5:31:09 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\50.D | Analyst: | Kosecki |

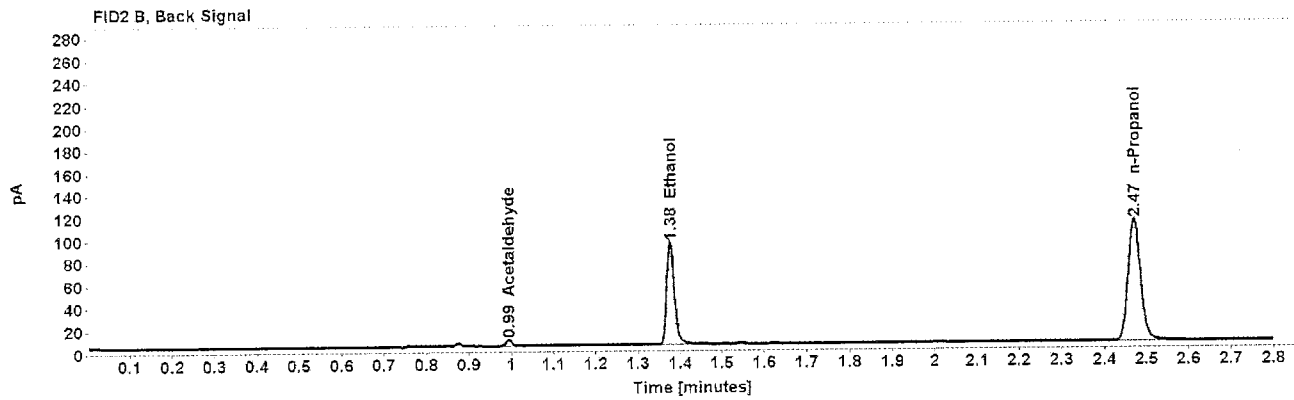
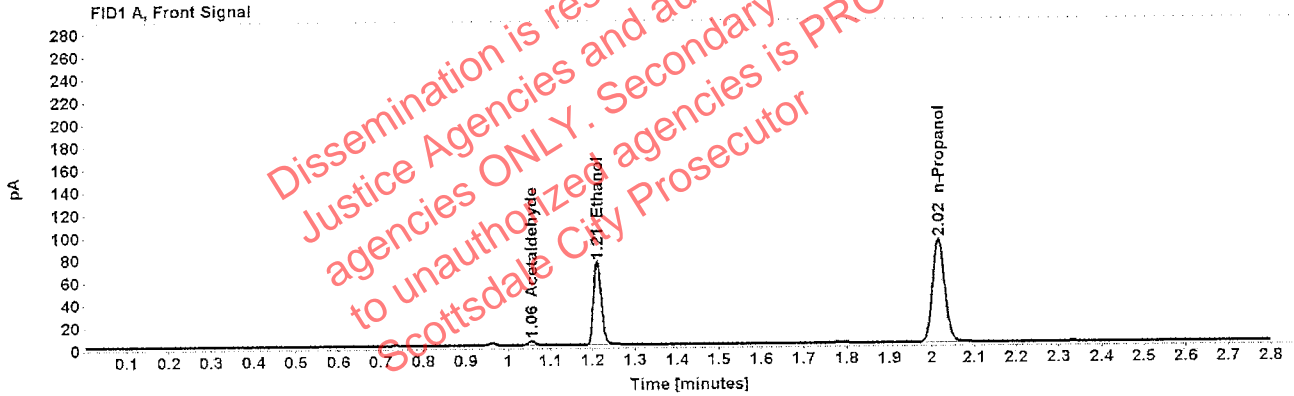


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 3.874 |
| >Ethanol | 0.1447 | 1.210 | 94.919 |
| n-Propanol | ----- | 2.016 | 184.130 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.994 | 5.035 |
| Ethanol | 1.377 | 116.071 |
| n-Propanol | 2.471 | 221.920 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1278005 | Vial: | 51 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 5:35:09 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\51.D | Analyst: | Kosecki |

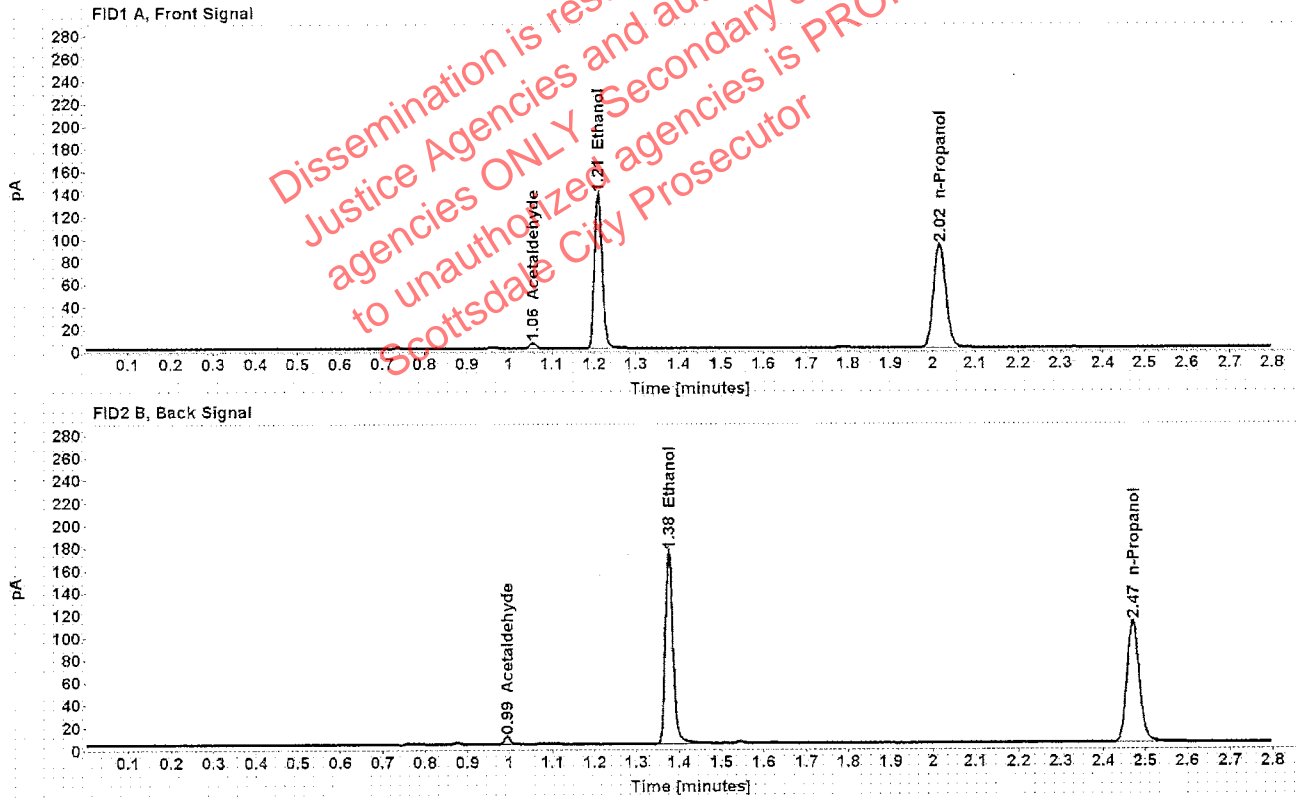


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 4.972 |
| >Ethanol | 0.2678 | 1.210 | 176.586 |
| n-Propanol | ----- | 2.016 | 184.644 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.994 | 6.454 |
| Ethanol | 1.376 | 219.358 |
| n-Propanol | 2.471 | 222.758 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1278005 | Vial: | 52 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 24Jul19 |
| Instrument: | US14173023 CN14160045 | Injection date: | 7/24/2019 5:39:09 PM |
| Data file: | C:\Chem32\1\Data\24Jul19\52.D | Analyst: | Kosecki |

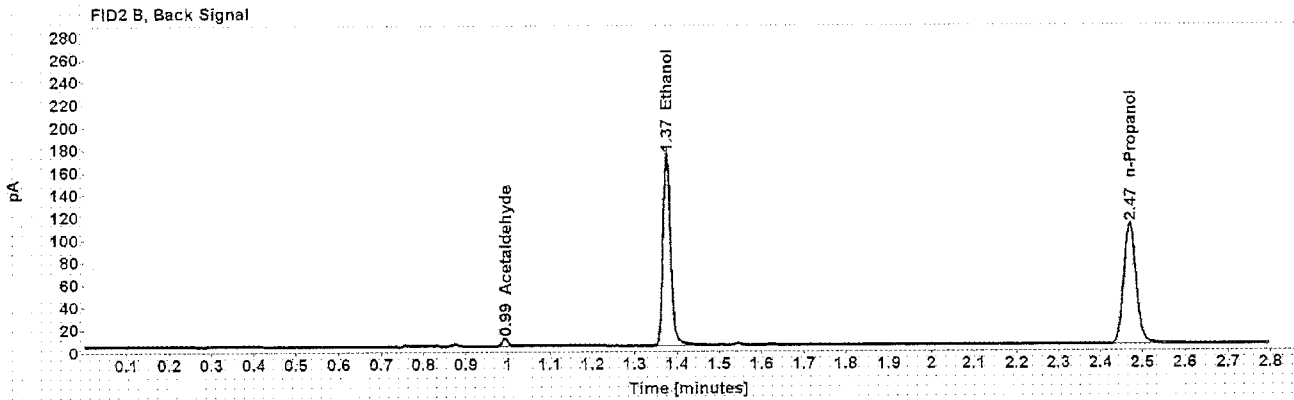
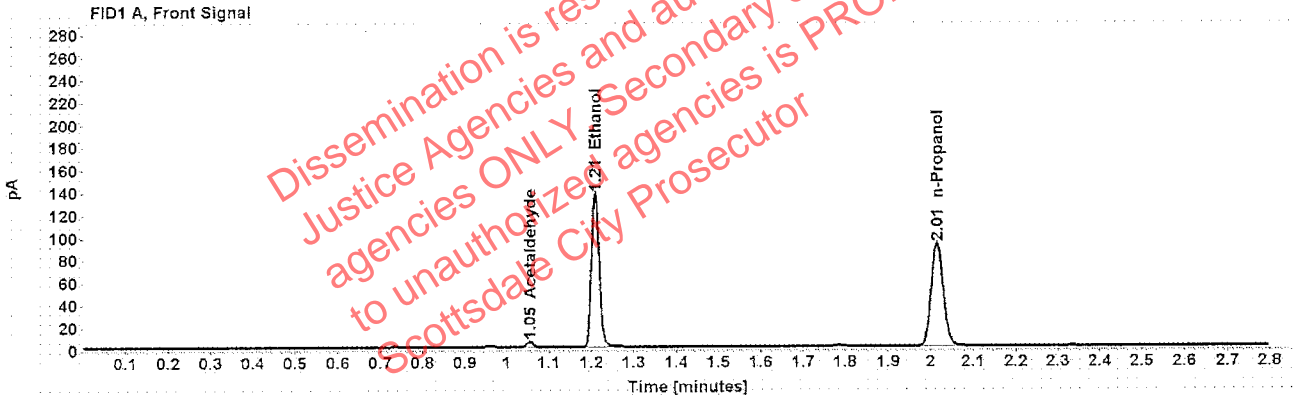


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 4.958 |
| >Ethanol | 0.2670 | 1.209 | 174.462 |
| n-Propanol | ----- | 2.015 | 183.010 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 6.414 |
| Ethanol | 1.375 | 216.500 |
| n-Propanol | 2.469 | 220.908 |