

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 12/02/2020 SEQUENCE NAME 02Dec20

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN06141806 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN05311902 0.99996
 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 071420AQ |
| 6 | Volatiles mixture | 6 compounds | 6 compounds | SPD lab 070819MIX |
| 7 | Aqueous control | 0.400 g/dL | 0.401 g/dL | Lipomed 11092018-A |
| 8 | Aqueous control | 0.040 g/dL | 0.040 g/dL | Lipomed 14082019-B |
| 9 | Blood control | 0.198 g/dL | 0.199 g/dL | ACQ 407041529/13 |
| 20 | Aqueous control | 0.080 g/dL | 0.079 g/dL | Lipomed 03102016-A/1 |
| 31 | Aqueous control | 0.080 g/dL | 0.080 g/dL | Lipomed 03102016-A/1 |
| 42 | Blood control | 0.198 g/dL | 0.200 g/dL | ACQ 407041529/13 |
| 51 | Aqueous control | 0.400 g/dL | 0.404 g/dL | Lipomed 11092018-A |
| 52 | Aqueous control | 0.040 g/dL | 0.040 g/dL | Lipomed 14082019-B |
| 53 | Blood control | 0.198 g/dL | 0.200 g/dL | ACQ 407041529/13 |
| 54 | Blank | Not detected | Not detected | SPD lab 040919WB |
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SUBJECT SAMPLES

Subjects in the sequence 19 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid [Signature] Analyst
 Run valid Run invalid [Signature] Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

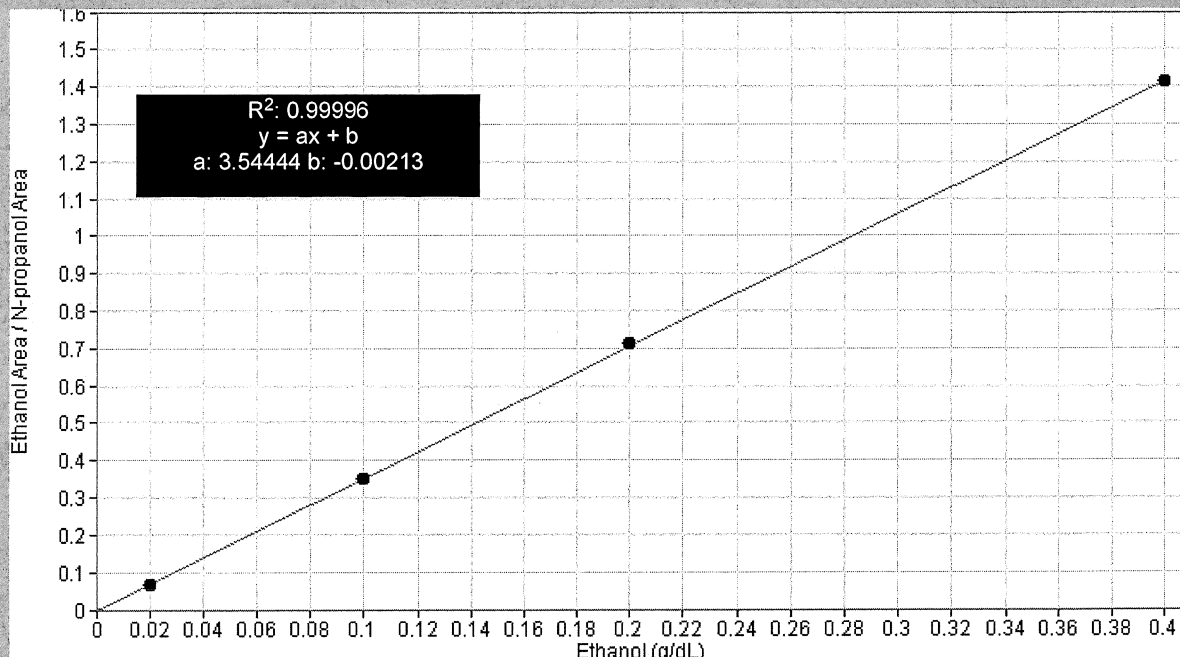
SEQUENCE NAME: 02Dec20

ANALYST: Abbott *ph*

| Sample Name | Vial | Measured Value (g/dL) | Expected Value (g/dL) | Percent Difference | Absolute Difference (g/dL) |
|--------------------|------|-----------------------|-----------------------|--------------------|----------------------------|
| blank 071420AQ | 5 | negative | negative | - | - |
| 0.400 11092018-A | 7 | 0.401 | 0.400 | 0.25 | 0.001 |
| 0.040 14082019-B | 8 | 0.040 | 0.040 | 0.00 | 0.000 |
| 0.198 407041529/13 | 9 | 0.199 | 0.198 | 0.51 | 0.001 |
| 0.080 03102016-A/1 | 20 | 0.079 | 0.080 | 1.25 | -0.001 |
| 0.080 03102016-A/1 | 31 | 0.080 | 0.080 | 0.00 | 0.000 |
| 0.198 407041529/13 | 42 | 0.200 | 0.198 | 1.01 | 0.002 |
| 0.400 11092018-A | 51 | 0.404 | 0.400 | 1.00 | 0.004 |
| 0.040 14082019-B | 52 | 0.040 | 0.040 | 0.00 | 0.000 |
| 0.198 407041529/13 | 53 | 0.200 | 0.198 | 1.01 | 0.002 |
| blank 040919WB | 54 | negative | negative | - | - |

| Calibrator | Ethanol Area | N-propanol Area | Ratio |
|------------|--------------|-----------------|-------|
| 0.020 | 12.234 | 178.218 | 0.069 |
| 0.100 | 61.262 | 175.517 | 0.349 |
| 0.200 | 130.739 | 183.647 | 0.712 |
| 0.400 | 249.074 | 176.160 | 1.414 |

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|--|
| Sample: FN06141806 | Vial: 1 |
| Description: 0.020 calibrator | Sequence: 02Dec20 |
| Method: ethanol quant.M | Injection date: 12/2/2020 11:05:23 AM |
| Instrument: US14173023 CN14160045 | Analyst: Abbott |
| Data file: C:\Chem32\1\Data\02Dec20\1.D | |

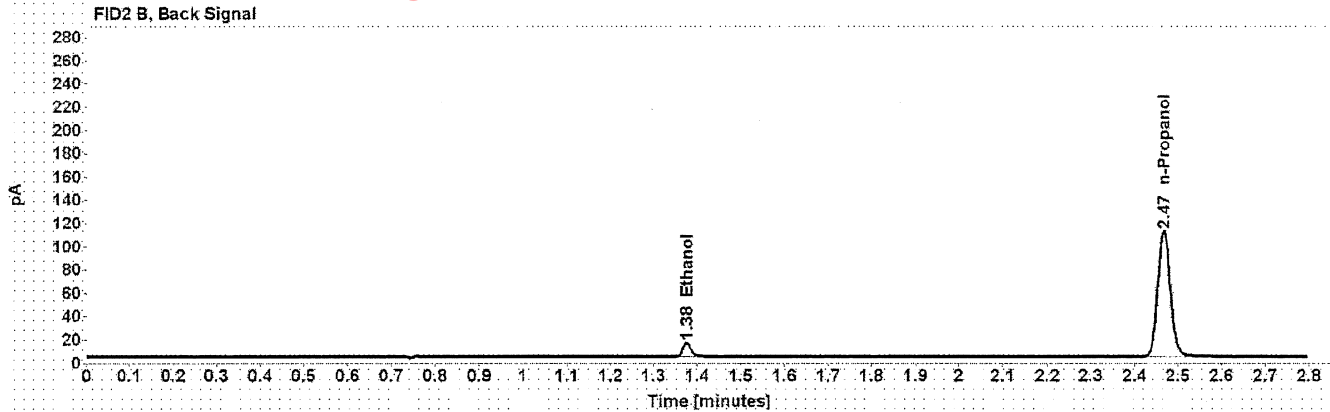
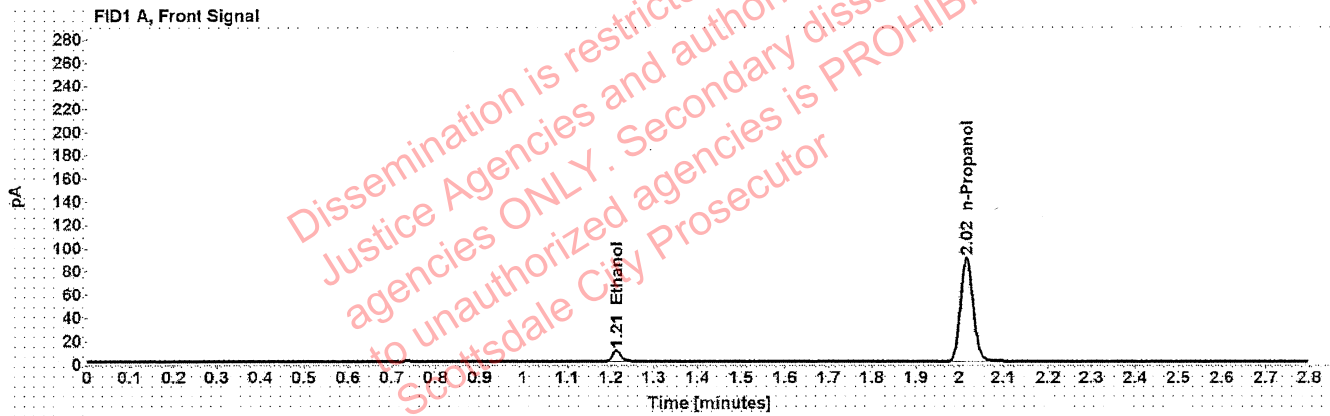


Table 1: FID 1 A (column DB-ALC1)

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.213 | 12.234 |
| n-Propanol | 2.016 | 178.218 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.376 | 15.250 |
| n-Propanol | 2.467 | 219.618 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|--|
| Sample: FN05311902 | Vial: 2 |
| Description: 0.100 calibrator | Sequence: 02Dec20 |
| Method: ethanol quant.M | Injection date: 12/2/2020 11:09:24 AM |
| Instrument: US14173023 CN14160045 | Analyst: Abbott <i>PA</i> |
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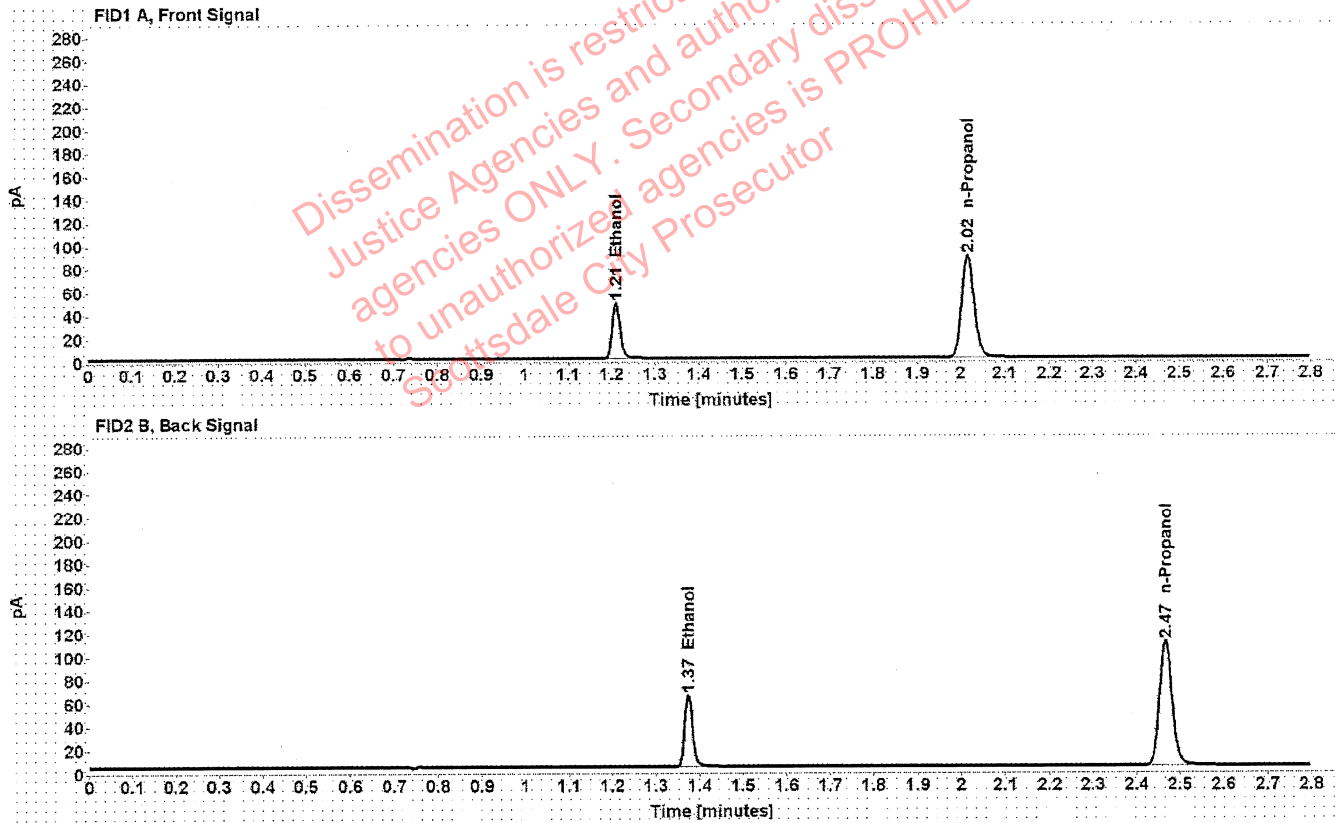


Table 1: FID 1 A (column DB-ALC1)

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.210 | 61.262 |
| n-Propanol | 2.016 | 175.517 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.374 | 76.560 |
| n-Propanol | 2.467 | 216.660 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|---|
| Sample: FN05101903 | Vial: 3 |
| Description: 0.200 calibrator | Sequence: 02Dec20 |
| Method: ethanol quant.M | Injection date: 12/2/2020 11:13:24 AM |
| Instrument: US14173023 CN14160045 | Analyst: Abbott <i>ph</i> |
| Data file: C:\Chem32\1\Data\02Dec20\3.D | |

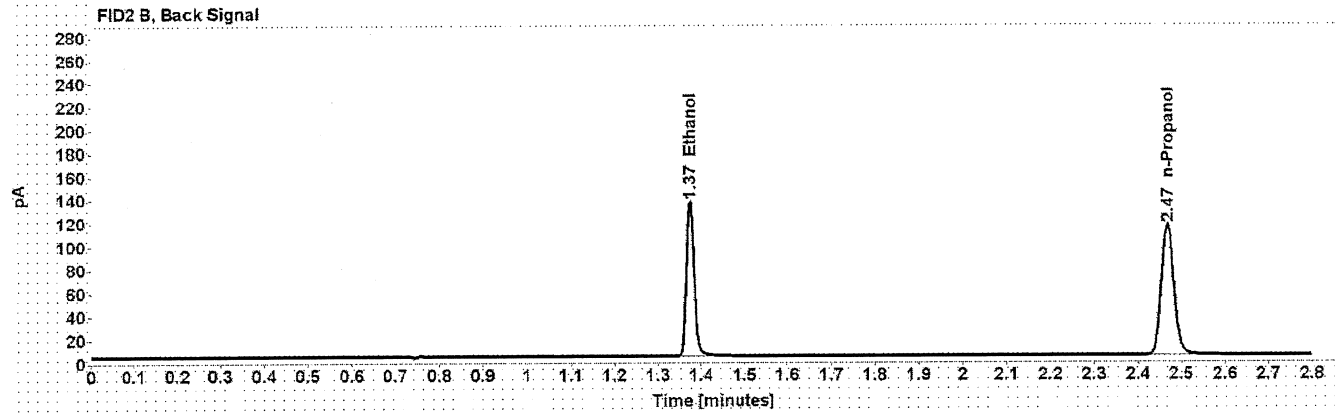
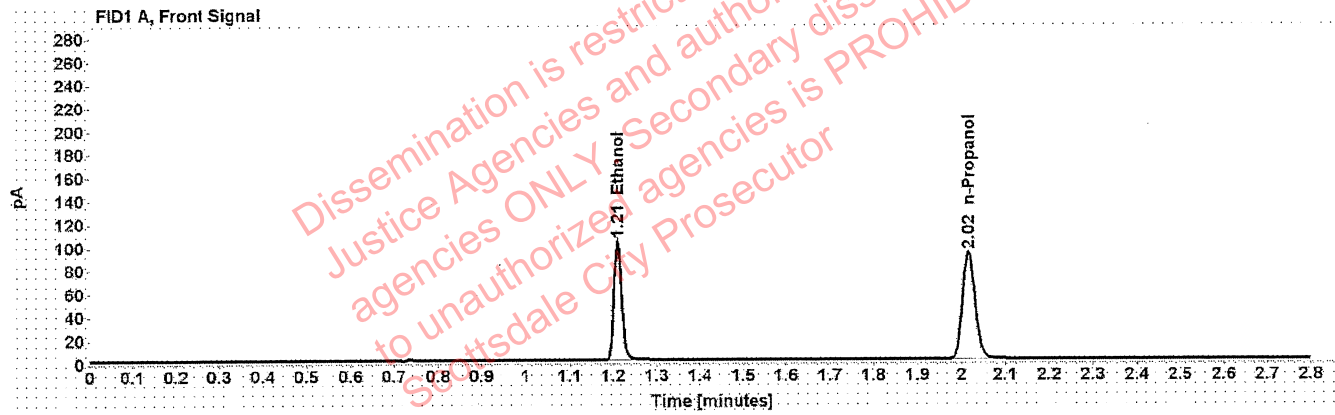


Table 1: FID 1 A (column DB-ALC1)

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.210 | 130.739 |
| n-Propanol | 2.017 | 183.647 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 163.518 |
| n-Propanol | 2.468 | 226.670 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|--|
| Sample: FN10051906 | Vial: 4 |
| Description: 0.400 calibrator | Sequence: 02Dec20 |
| Method: ethanol quant.M | Injection date: 12/2/2020 11:17:23 AM |
| Instrument: US14173023 CN14160045 | Analyst: Abbott |
| Data file: C:\Chem32\1\Data\02Dec20\4.D | <i>AB</i> |

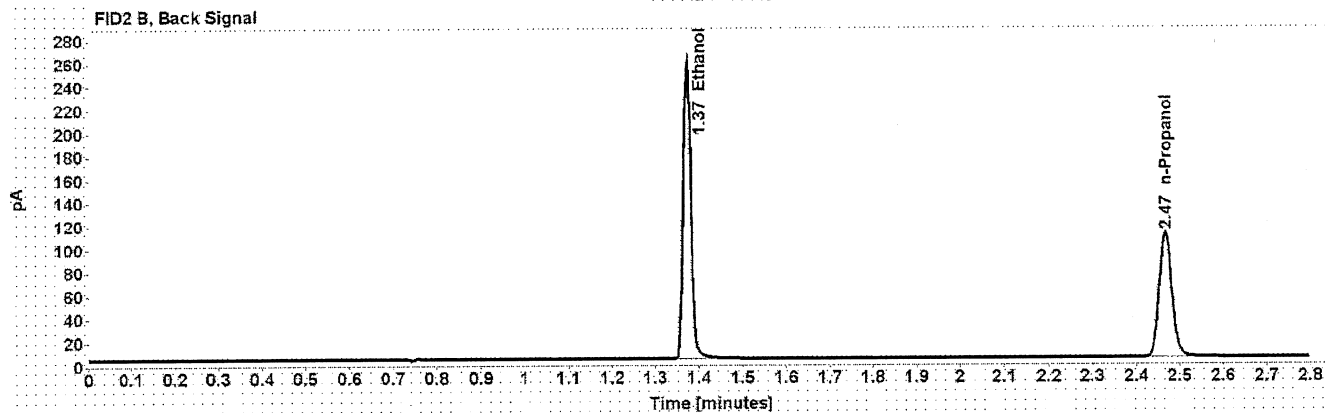
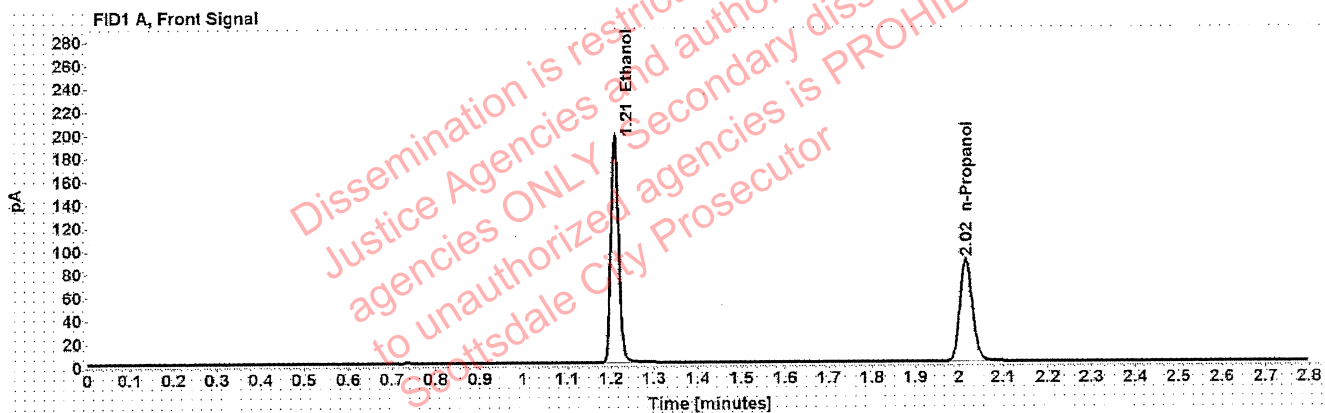


Table 1: FID 1 A (column DB-ALC1)

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.209 | 249.074 |
| n-Propanol | 2.016 | 176.160 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.373 | 313.170 |
| n-Propanol | 2.467 | 217.642 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|---|
| Sample: 071420AQ | Vial: 5 |
| Description: Negative | LIMS ID: |
| Method: ethanol quant.M | Sequence: 02Dec20 |
| Instrument: US14173023 CN14160045 | Injection date: 12/2/2020 11:21:24 AM |
| Data file: C:\Chem32\1\Data\02Dec20\5.D | Analyst: Abbott <i>pa</i> |

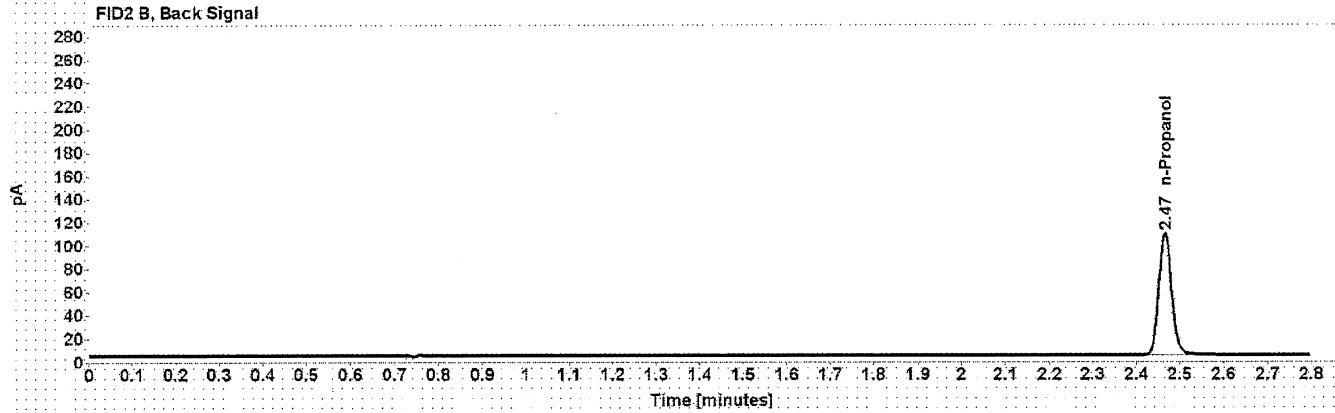
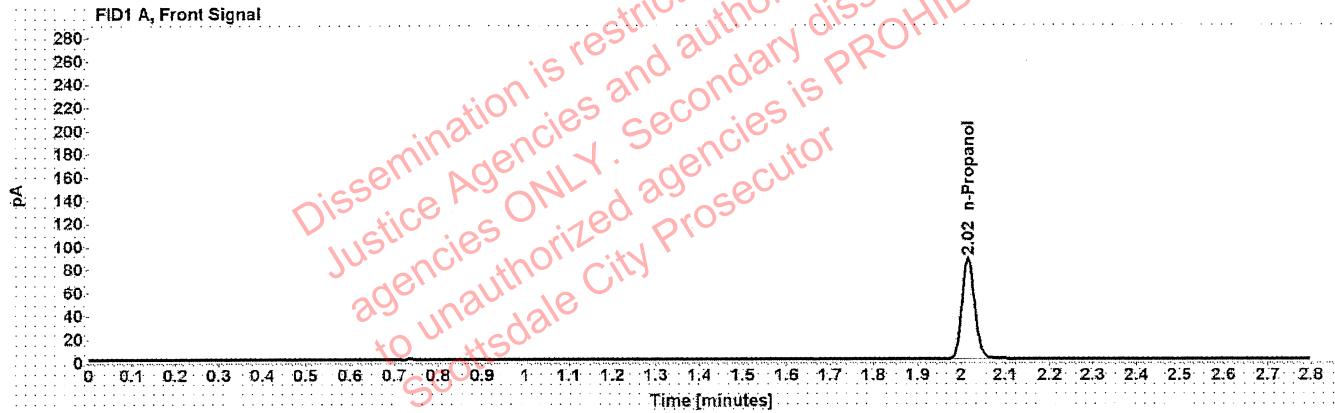


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | ----- | 2.015 | 174.356 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.466 | 214.850 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|--|
| Sample: 070819MIX | Vial: 6 |
| Description: Volatiles mix | LIMS ID: |
| Method: ethanol quant.M | Sequence: 02Dec20 |
| Instrument: US14173023 CN14160045 | Injection date: 12/2/2020 11:25:23 AM |
| Data file: C:\Chem32\1\Data\02Dec20\6.D | Analyst: Abbott JA |

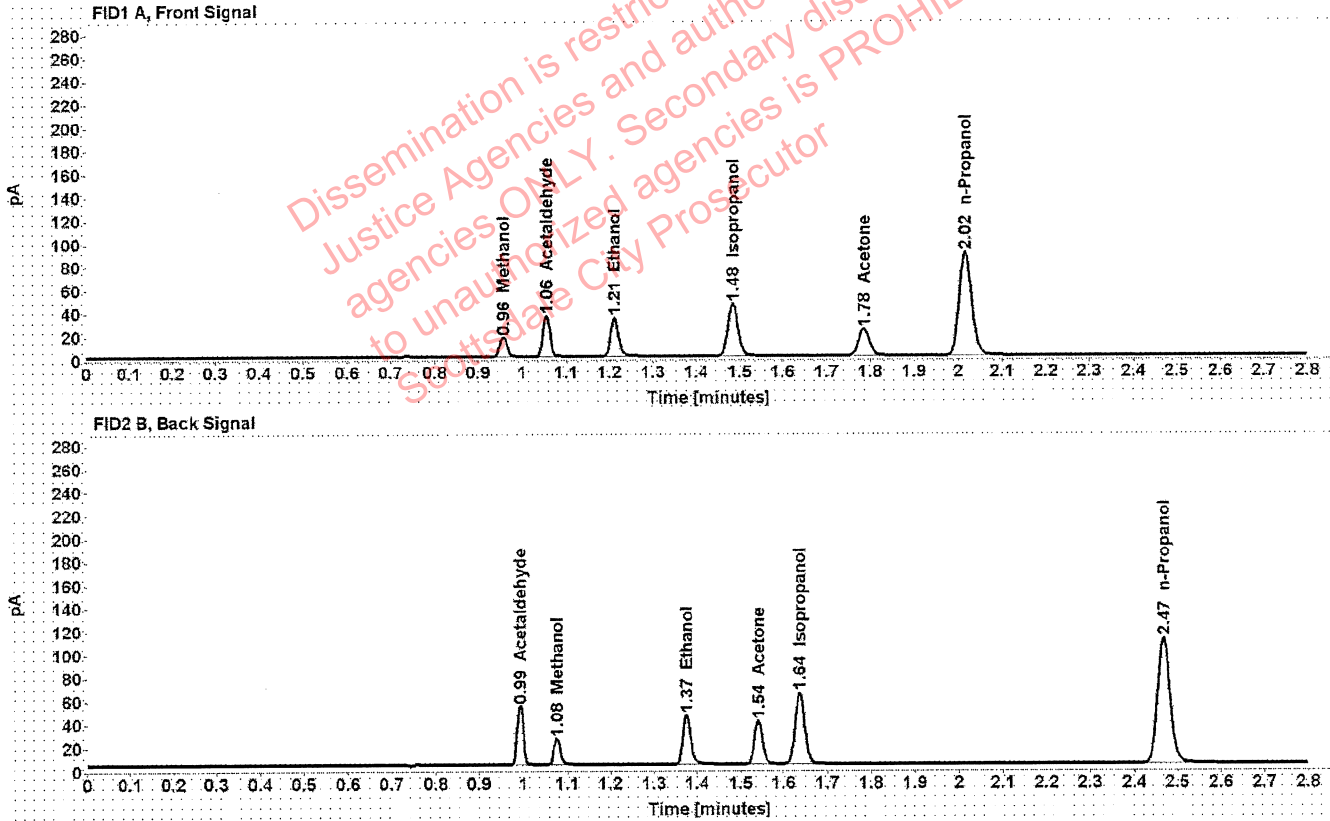


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Methanol | ----- | 0.957 | 18.788 |
| Acetaldehyde | ----- | 1.055 | 38.179 |
| >Ethanol | 0.0684 | 1.211 | 42.623 |
| Isopropanol | ----- | 1.484 | 72.437 |
| Acetone | ----- | 1.785 | 39.403 |
| n-Propanol | ----- | 2.016 | 177.341 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 49.887 |
| Methanol | 1.076 | 24.256 |
| Ethanol | 1.375 | 53.109 |
| Acetone | 1.541 | 48.896 |
| Isopropanol | 1.637 | 92.982 |
| n-Propanol | 2.468 | 218.939 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|---|
| Sample: 11092018-A | Vial: 7 |
| Description: 0.400 | LIMS ID: |
| Method: ethanol quant.M | Sequence: 02Dec20 |
| Instrument: US14173023 CN14160045 | Injection date: 12/2/2020 11:29:37 AM |
| Data file: C:\Chem32\1\Data\02Dec20\7.D | Analyst: Abbott <i>Abbott</i> |

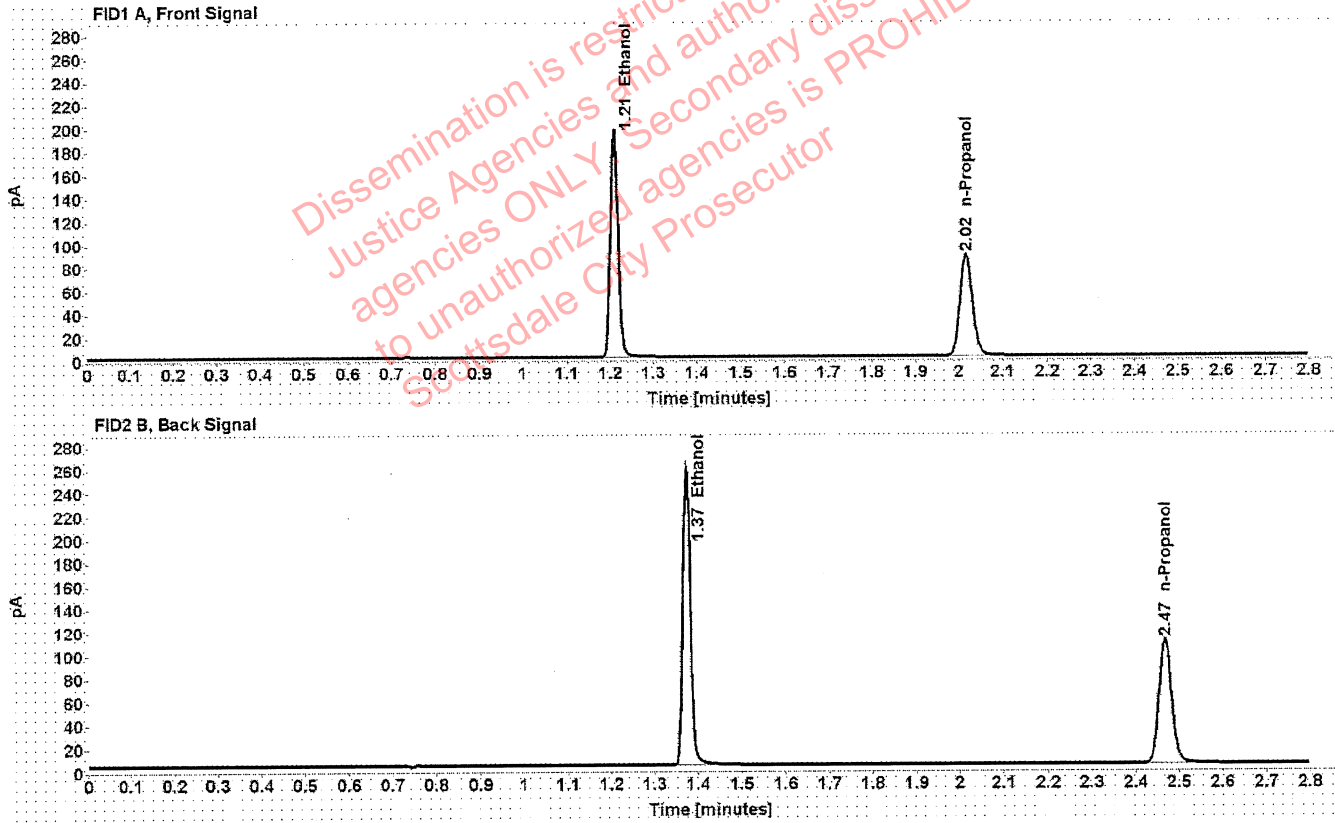


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.4010 | 1.209 | 249.303 |
| n-Propanol | ----- | 2.016 | 175.665 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.374 | 313.203 |
| n-Propanol | 2.467 | 216.704 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|---|
| Sample: 14082019-B | Vial: 8 |
| Description: 0.040 | LIMS ID: |
| Method: ethanol quant.M | Sequence: 02Dec20 |
| Instrument: US14173023 CN14160045 | Injection date: 12/2/2020 11:33:38 AM |
| Data file: C:\Chem32\1\Data\02Dec20\8.D | Analyst: Abbott [Signature] |

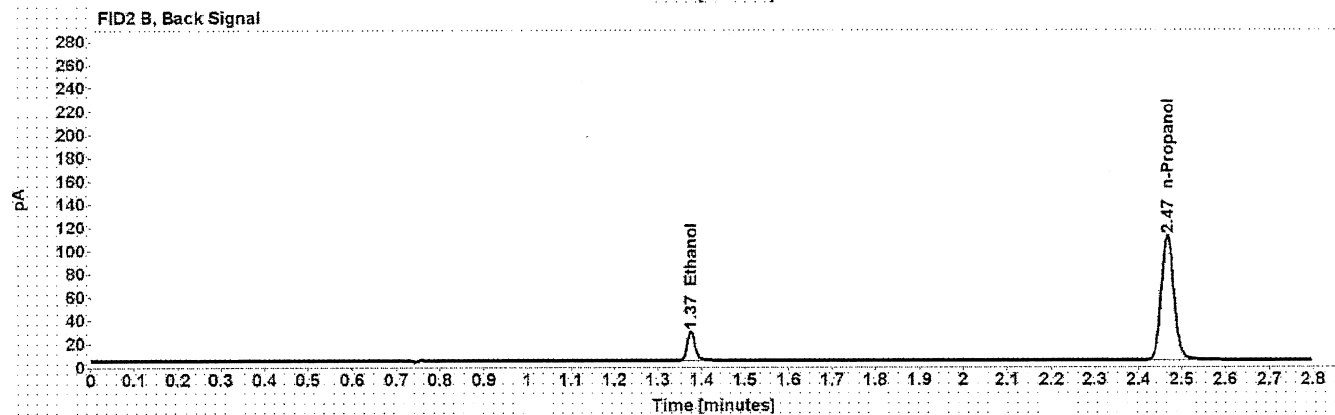
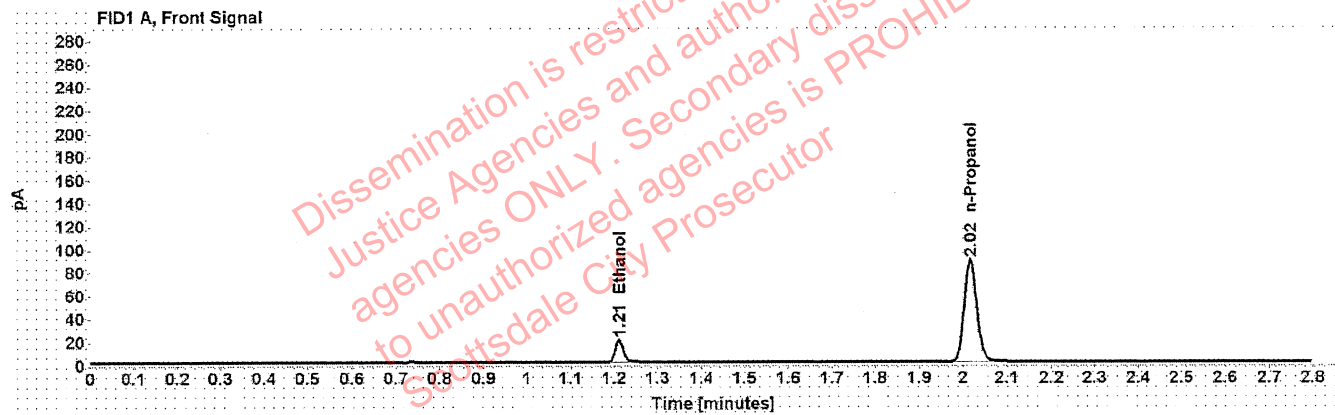


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.0402 | 1.211 | 24.805 |
| n-Propanol | ----- | 2.016 | 176.790 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 31.017 |
| n-Propanol | 2.467 | 217.747 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|--|
| Sample: 407041529/13 | Vial: 9 |
| Description: 0.198 | LIMS ID: |
| Method: ethanol quant.M | Sequence: 02Dec20 |
| Instrument: US14173023 CN14160045 | Injection date: 12/2/2020 11:37:37 AM |
| Data file: C:\Chem32\1\Data\02Dec20\9.D | Analyst: Abbott JA |

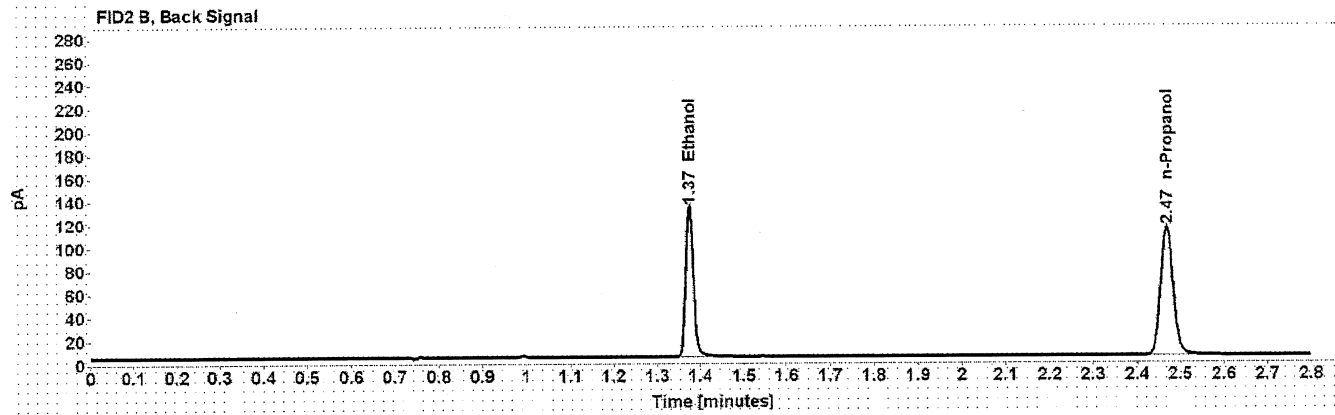
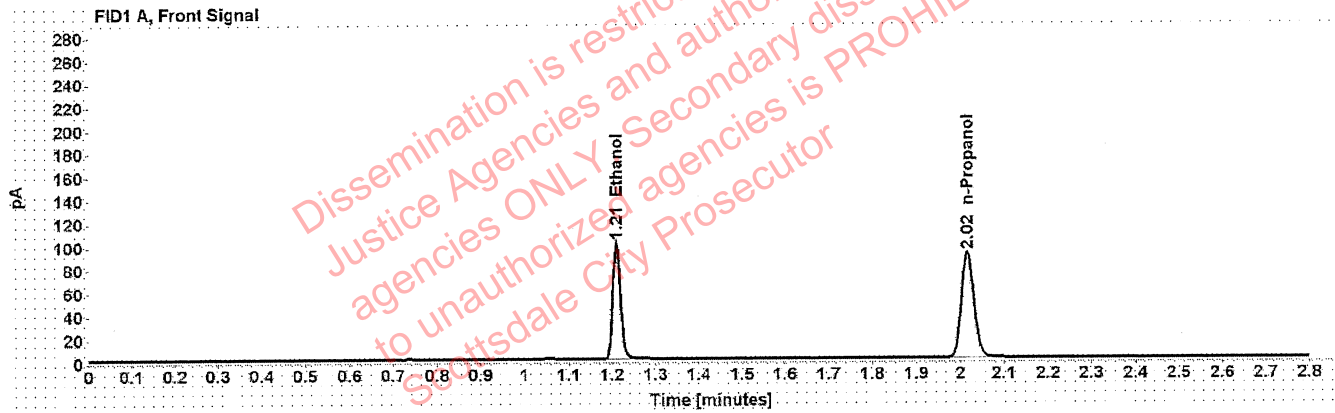


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1994 | 1.210 | 128.167 |
| n-Propanol | ----- | 2.017 | 181.853 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 160.699 |
| n-Propanol | 2.468 | 223.969 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|---|--|
| Sample: 03102016-A/1 | Vial: 20 |
| Description: 0.080 | LIMS ID: |
| Method: ethanol quant.M | Sequence: 02Dec20 |
| Instrument: US14173023 CN14160045 | Injection date: 12/2/2020 12:22:08 PM |
| Data file: C:\Chem32\1\Data\02Dec20\20.D | Analyst: Abbott <i>gh</i> |

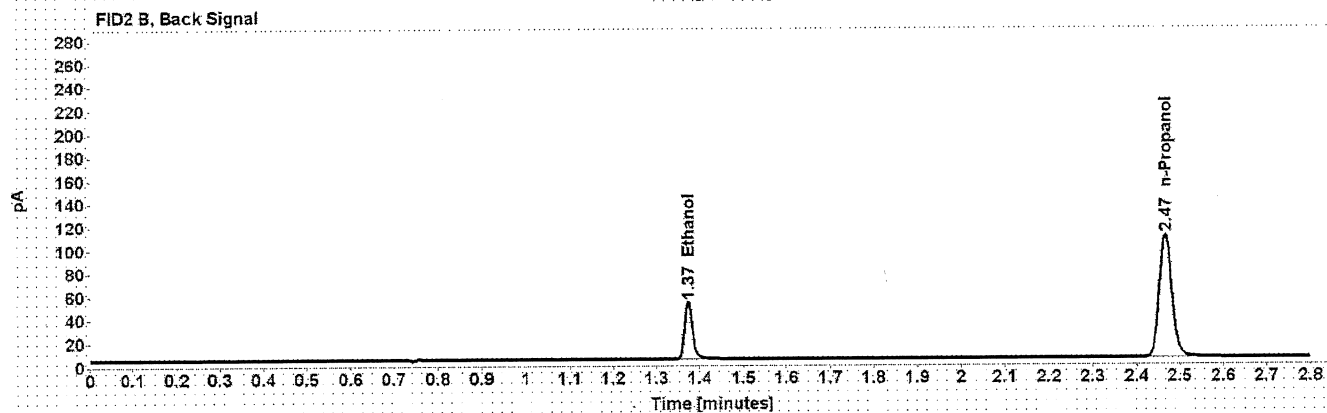
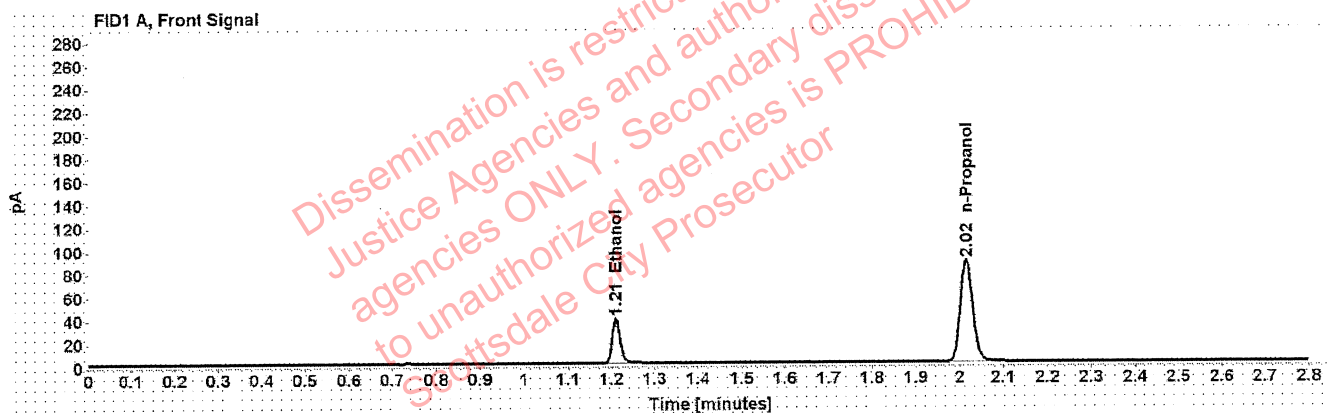


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.0796 | 1.210 | 49.347 |
| n-Propanol | ----- | 2.016 | 176.296 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.374 | 61.487 |
| n-Propanol | 2.467 | 216.414 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|---|
| Sample: 03102016-A/1 | Vial: 31 |
| Description: 0.080 | LIMS ID: |
| Method: ethanol quant.M | Sequence: 02Dec20 |
| Instrument: US14173023 CN14160045 | Injection date: 12/2/2020 1:06:38 PM |
| Data file: C:\Chem32\1\Data\02Dec20\31.D | Analyst: Abbott gh |

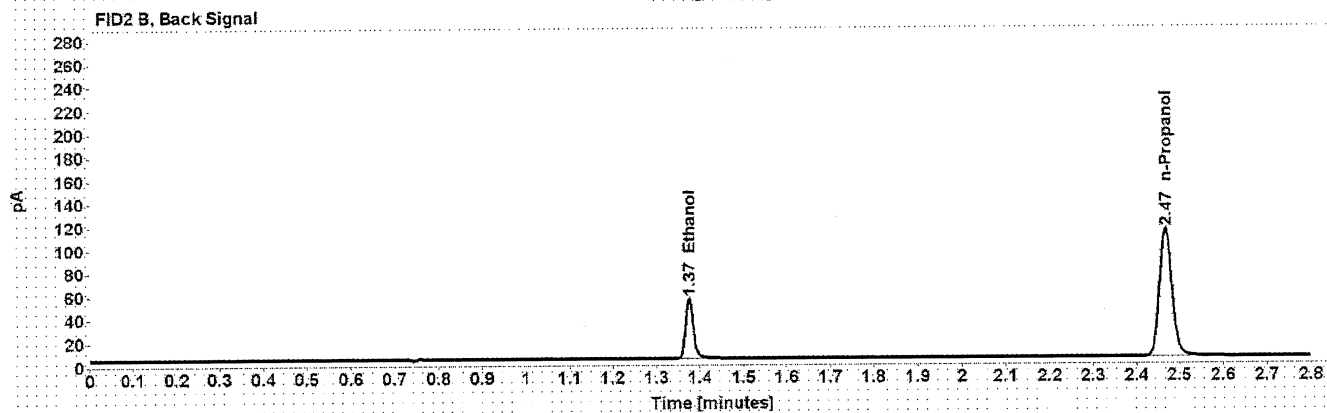
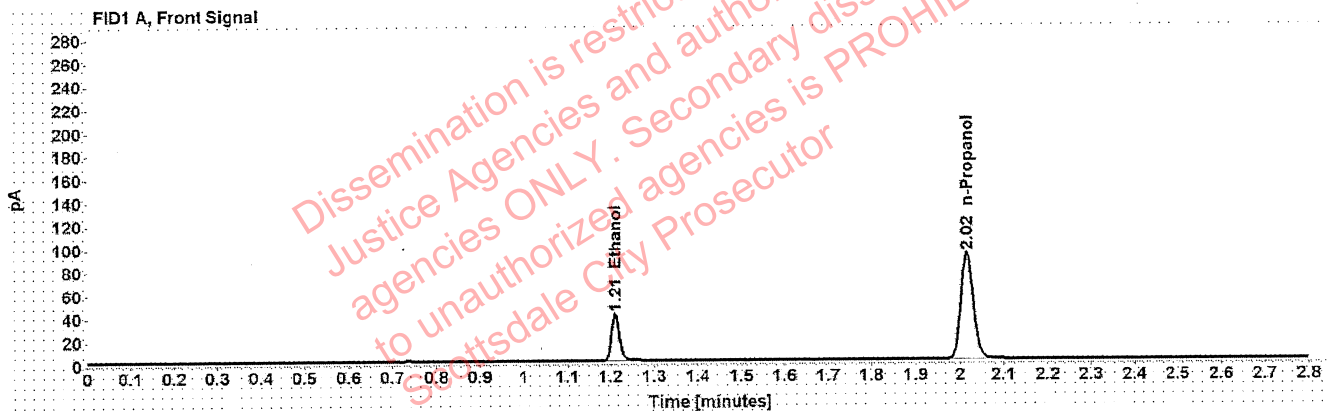


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.0804 | 1.211 | 51.752 |
| n-Propanol | ----- | 2.016 | 182.951 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 64.275 |
| n-Propanol | 2.468 | 224.185 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|---|
| Sample: 407041529/13 | Vial: 42 |
| Description: 0.198 | LIMS ID: |
| Method: ethanol quant.M | Sequence: 02Dec20 |
| Instrument: US14173023 CN14160045 | Injection date: 12/2/2020 1:50:54 PM |
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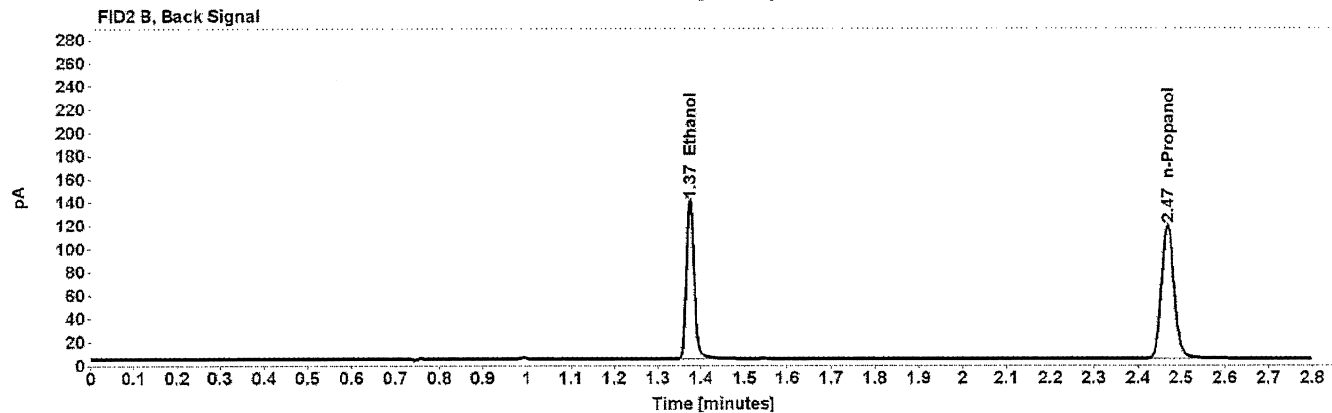
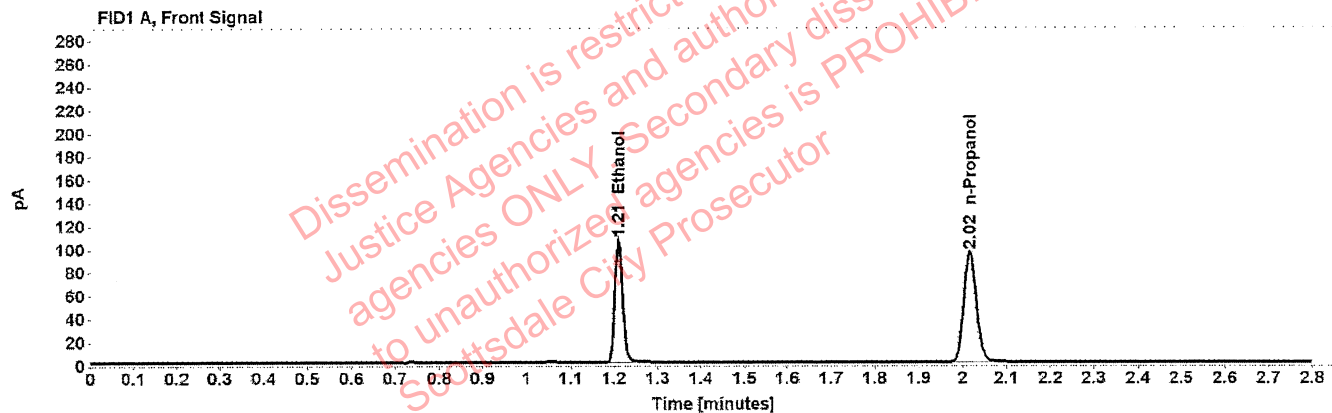


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.2009 | 1.210 | 134.952 |
| n-Propanol | ----- | 2.017 | 190.068 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 169.050 |
| n-Propanol | 2.468 | 233.560 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|--|
| Sample: 11092018-A | Vial: 51 |
| Description: 0.400 | LIMS ID: |
| Method: ethanol quant.M | Sequence: 02Dec20 |
| Instrument: US14173023 CN14160045 | Injection date: 12/2/2020 2:27:24 PM |
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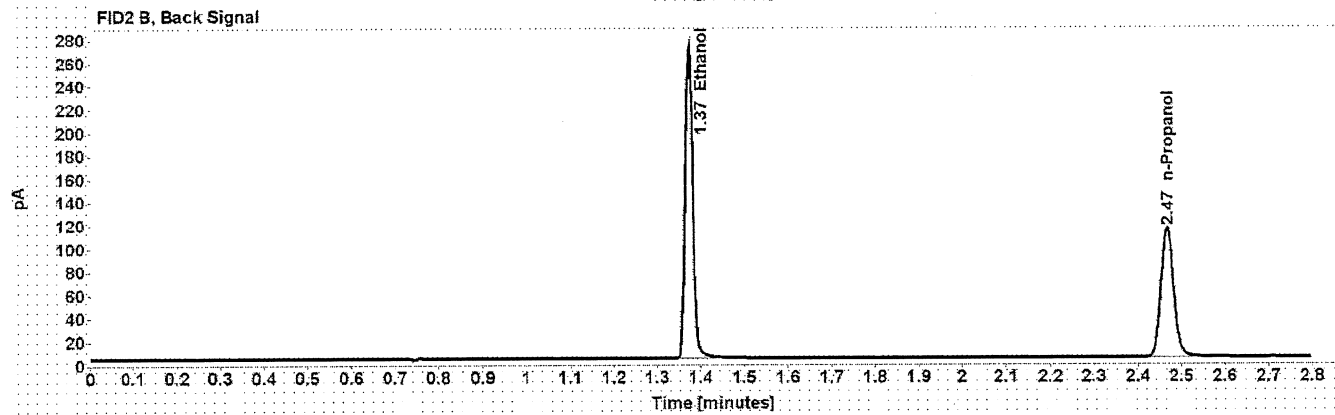
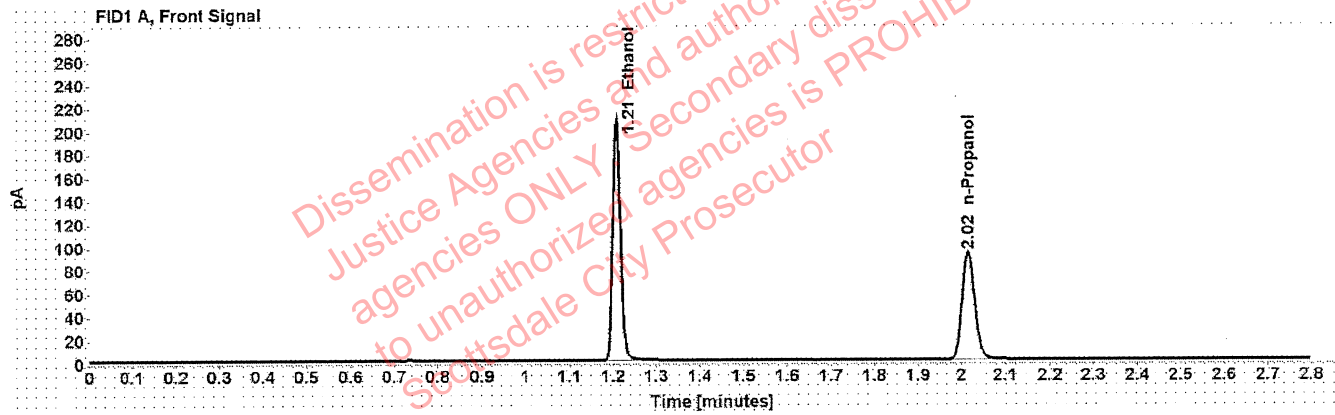


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.4040 | 1.209 | 264.787 |
| n-Propanol | ----- | 2.015 | 185.198 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.373 | 331.697 |
| n-Propanol | 2.467 | 227.905 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|--------------------------------------|
| Sample: 14082019-B | Vial: 52 |
| Description: 0.040 | LIMS ID: |
| Method: ethanol quant.M | Sequence: 02Dec20 |
| Instrument: US14173023 CN14160045 | Injection date: 12/2/2020 2:31:25 PM |
| Data file: C:\Chem32\1\Data\02Dec20\52.D | Analyst: Abbott <i>dh</i> |

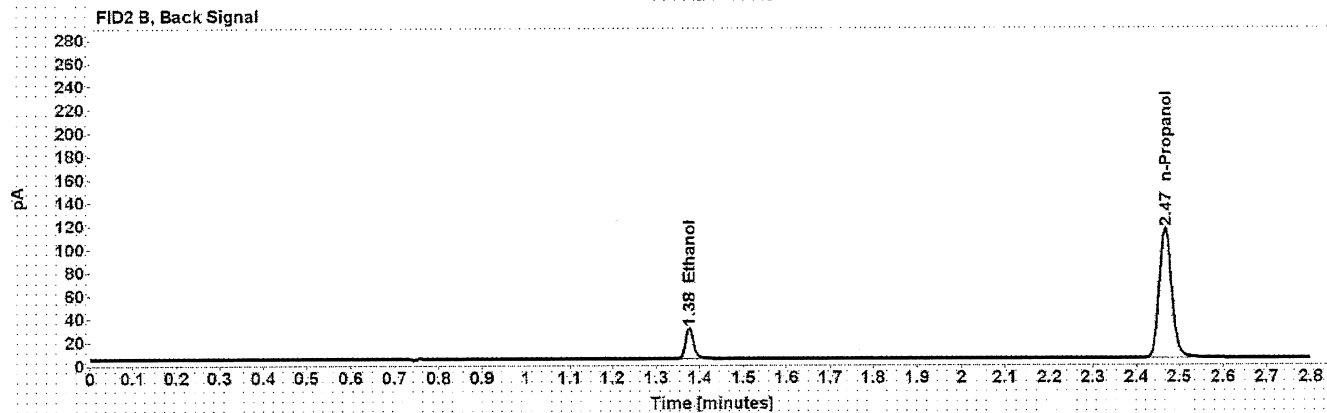
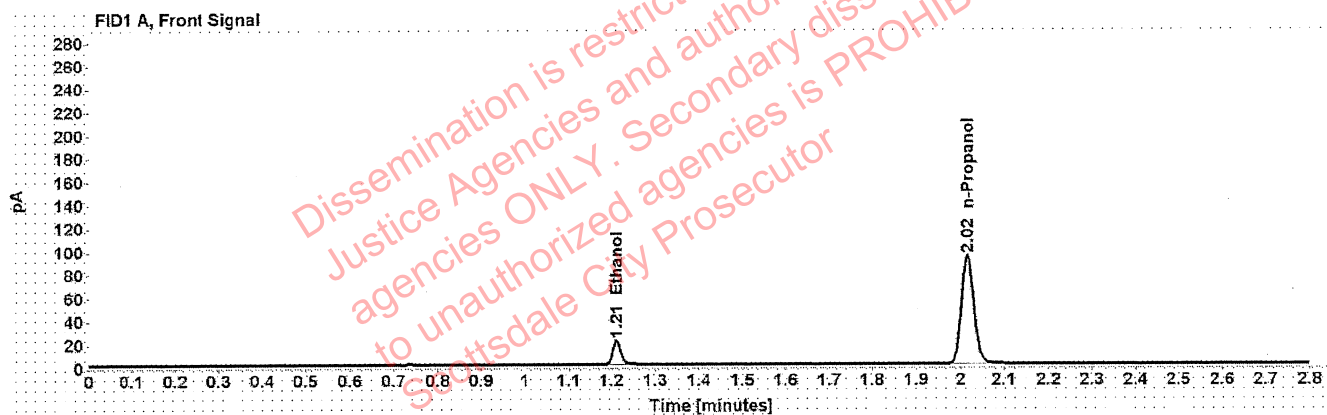


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.0408 | 1.212 | 26.504 |
| n-Propanol | ----- | 2.016 | 185.946 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.376 | 32.885 |
| n-Propanol | 2.468 | 227.764 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|---|--|
| Sample: 407041529/13 | Vial: 53 |
| Description: 0.198 | LIMS ID: |
| Method: ethanol quant.M | Sequence: 02Dec20 |
| Instrument: US14173023 CN14160045 | Injection date: 12/2/2020 2:35:23 PM |
| Data file: C:\Chem32\1\Data\02Dec20\53.D | Analyst: Abbott ph |

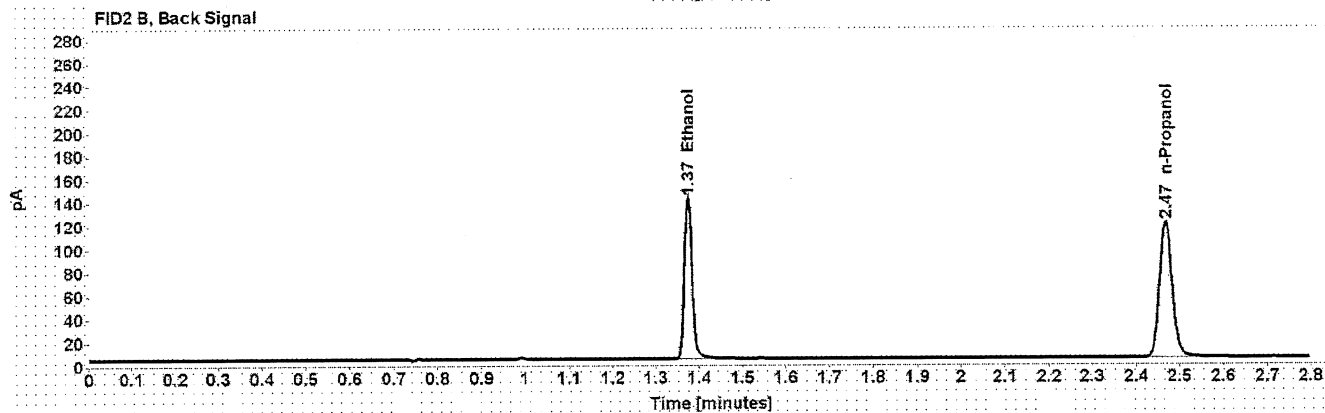
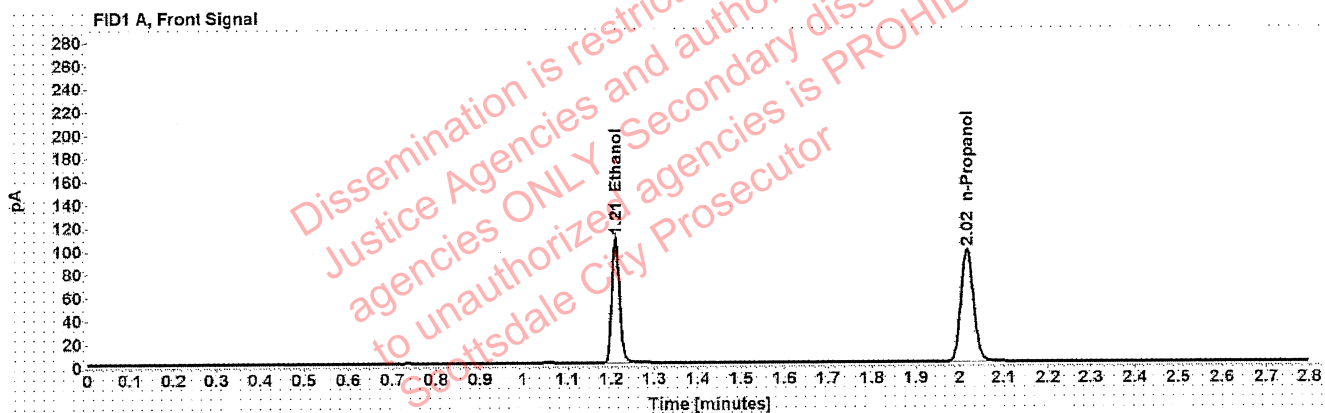


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.2007 | 1.210 | 137.760 |
| n-Propanol | ----- | 2.016 | 194.243 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 172.136 |
| n-Propanol | 2.468 | 238.379 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|---|---|
| Sample: 040919WB | Vial: 54 |
| Description: Negative | LIMS ID: |
| Method: ethanol quant.M | Sequence: 02Dec20 |
| Instrument: US14173023 CN14160045 | Injection date: 12/2/2020 2:39:23 PM |
| Data file: C:\Chem32\1\Data\02Dec20\54.D | Analyst: Abbott <i>JA</i> |

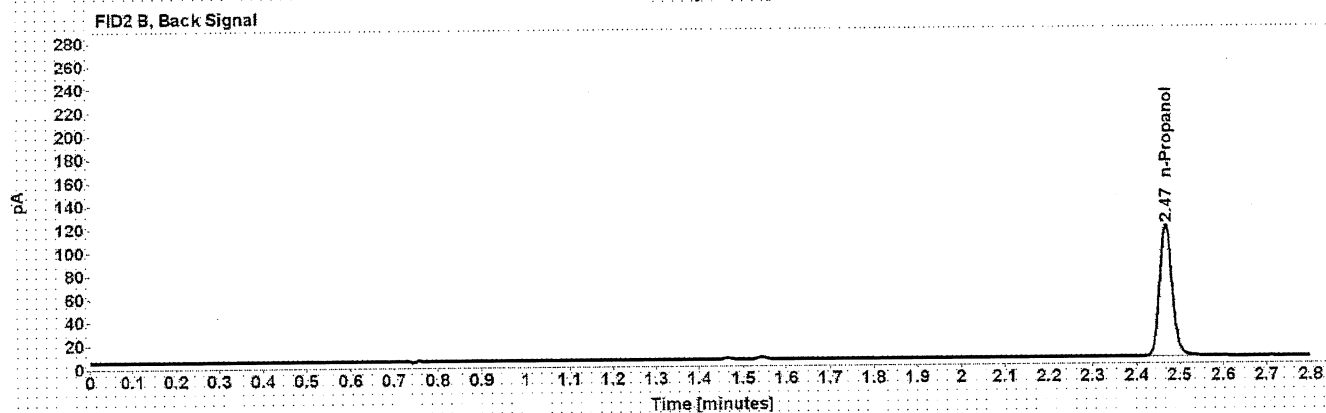
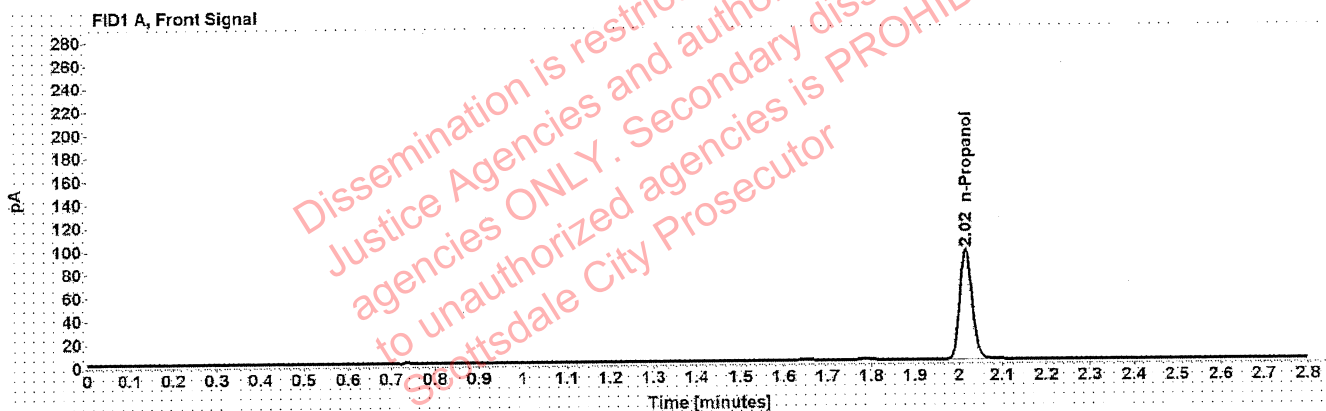


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | ----- | 2.017 | 188.765 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.468 | 231.578 |

Sequence Summary

Sequence name: 02Dec20 Instrument: US14173023 CN14160045 Analyst: Abbott

| 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 | 071420AQ | Negative | Control | | ethanol quant.M |
| 6 | 070819MIX | 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 | 407041529/13 | 0.198 | Control | | ethanol quant.M |
| 10 | 35901AG | | Sample | | ethanol quant.M |
| 11 | 35901AG | | Sample | | ethanol quant.M |
| 12 | 35301RL | | Sample | | ethanol quant.M |
| 13 | 35301RL | | Sample | | ethanol quant.M |
| 14 | 33801CB | | Sample | | ethanol quant.M |
| 15 | 33801CB | | Sample | | ethanol quant.M |
| 16 | 33601FM | | Sample | | ethanol quant.M |
| 17 | 33601FM | | Sample | | ethanol quant.M |
| 18 | 33601MC | | Sample | | ethanol quant.M |
| 19 | 33601MC | | Sample | | ethanol quant.M |
| 20 | 03102016-A/1 | 0.080 | Control | | ethanol quant.M |
| 21 | 33801JH | | Sample | | ethanol quant.M |
| 22 | 33801JH | | Sample | | ethanol quant.M |
| 23 | 38101SM | | Sample | | ethanol quant.M |
| 24 | 38101SM | | Sample | | ethanol quant.M |
| 25 | 33801JL | | Sample | | ethanol quant.M |
| 26 | 33801JL | | Sample | | ethanol quant.M |
| 27 | 28501SM | | Sample | | ethanol quant.M |
| 28 | 28501SM | | Sample | | ethanol quant.M |
| 29 | 1347460 | | Sample | | ethanol quant.M |
| 30 | 1347460 | | Sample | | ethanol quant.M |
| 31 | 03102016-A/1 | 0.080 | Control | | ethanol quant.M |
| 32 | 1347767 | | Sample | | ethanol quant.M |
| 33 | 1347767 | | Sample | | ethanol quant.M |
| 34 | 1345628 | | Sample | | ethanol quant.M |
| 35 | 1345628 | | Sample | | ethanol quant.M |
| 36 | 1343436 | | Sample | | ethanol quant.M |
| 37 | 1343436 | | Sample | | ethanol quant.M |
| 38 | 1348076 | | Sample | | ethanol quant.M |
| 39 | 1348076 | | Sample | | ethanol quant.M |
| 40 | 1297304 | | Sample | | ethanol quant.M |
| 41 | 1297304 | | Sample | | ethanol quant.M |
| 42 | 407041529/13 | 0.198 | Control | | ethanol quant.M |
| 43 | 1348374 | | Sample | | ethanol quant.M |
| 44 | 1348374 | | Sample | | ethanol quant.M |
| 45 | 1348542 | | Sample | | ethanol quant.M |
| 46 | 1348542 | | Sample | | ethanol quant.M |
| 47 | 1348534 | | Sample | | ethanol quant.M |

Sequence Summary

| | | | | | |
|----|--------------|----------|---------|-------------------|-----------------|
| 48 | 1348534 | | Sample | L20-11-03444-0001 | ethanol quant.M |
| 49 | 1348356 | | Sample | L20-11-03445-0001 | ethanol quant.M |
| 50 | 1348356 | | Sample | L20-11-03445-0001 | ethanol quant.M |
| 51 | 11092018-A | 0.400 | Control | | ethanol quant.M |
| 52 | 14082019-B | 0.040 | Control | | ethanol quant.M |
| 53 | 407041529/13 | 0.198 | Control | | ethanol quant.M |
| 54 | 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: 02Dec20


ANALYST: Abbott *pl*

| Vials | Test 1 (g/dL) | Test 2 (g/dL) | Mean (g/dL) | Percent Difference* | Absolute Difference (g/dL)* |
|-------|---------------|---------------|-------------|---------------------|-----------------------------|
| 10 11 | 0.2267 | 0.2289 | 0.22780 | 0.48 | 0.00110 |
| 12 13 | 0.1623 | 0.1638 | 0.16305 | 0.46 | 0.00075 |
| 14 15 | 0.1272 | 0.1262 | 0.12670 | 0.39 | 0.00050 |
| 16 17 | 0.1821 | 0.1835 | 0.18280 | 0.38 | 0.00070 |
| 18 19 | 0.1876 | 0.1878 | 0.18770 | 0.05 | 0.00010 |
| 21 22 | 0.0805 | 0.0802 | 0.08035 | 0.19 | 0.00015 |
| 23 24 | 0.1958 | 0.1968 | 0.19630 | 0.25 | 0.00050 |
| 25 26 | 0.1233 | 0.1233 | 0.12330 | 0.00 | 0.00000 |
| 27 28 | 0.2014 | 0.2025 | 0.20195 | 0.27 | 0.00055 |
| 29 30 | 0.2222 | 0.2229 | 0.22255 | 0.16 | 0.00035 |
| 32 33 | 0.0779 | 0.0773 | 0.07760 | 0.39 | 0.00030 |
| 34 35 | 0.1768 | 0.1765 | 0.17665 | 0.08 | 0.00015 |
| 36 37 | 0.1660 | 0.1639 | 0.16495 | 0.64 | 0.00105 |
| 38 39 | 0.0627 | 0.0629 | 0.06280 | 0.16 | 0.00010 |
| 40 41 | 0.2735 | 0.2722 | 0.27285 | 0.24 | 0.00065 |
| 43 44 | 0.1703 | 0.1708 | 0.17055 | 0.15 | 0.00025 |
| 45 46 | 0.1777 | 0.1805 | 0.17910 | 0.78 | 0.00140 |
| 47 48 | 0.1753 | 0.1758 | 0.17555 | 0.14 | 0.00025 |
| 49 50 | 0.2019 | 0.2043 | 0.20310 | 0.59 | 0.00120 |

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

Scottsdale Forensic Lab

Blood Alcohol Pipetting Log

ANALYST: Abbott 

SEQUENCE: 02Dec20

| Instrument Position | Headspace Vial 1 | Headspace Vial 2 | Blood Tube | Barcode Match |
|---------------------|------------------|------------------|------------|---------------|
| Vials 10 and 11 | 35901AG | 35901AG | 35901AG | Yes |
| Vials 12 and 13 | 35301RL | 35301RL | 35301RL | Yes |
| Vials 14 and 15 | 33801CB | 33801CB | 33801CB | Yes |
| Vials 16 and 17 | 33601FM | 33601FM | 33601FM | Yes |
| Vials 18 and 19 | 33601MC | 33601MC | 33601MC | Yes |
| Vials 21 and 22 | 33801JH | 33801JH | 33801JH | Yes |
| Vials 23 and 24 | 38101SM | 38101SM | 38101SM | Yes |
| Vials 25 and 26 | 33801JL | 33801JL | 33801JL | Yes |
| Vials 27 and 28 | 28501SM | 28501SM | 28501SM | Yes |
| Vials 29 and 30 | 1347460 | 1347460 | 1347460 | Yes |
| Vials 32 and 33 | 1347767 | 1347767 | 1347767 | Yes |
| Vials 34 and 35 | 1345628 | 1345628 | 1345628 | Yes |
| Vials 36 and 37 | 1343436 | 1343436 | 1343436 | Yes |
| Vials 38 and 39 | 1348076 | 1348076 | 1348076 | Yes |
| Vials 40 and 41 | 1297304 | 1297304 | 1297304 | Yes |
| Vials 43 and 44 | 1348374 | 1348374 | 1348374 | Yes |
| Vials 45 and 46 | 1348542 | 1348542 | 1348542 | Yes |
| Vials 47 and 48 | 1348534 | 1348534 | 1348534 | Yes |
| Vials 49 and 50 | 1348356 | 1348356 | 1348356 | Yes |
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Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample: | 35901AG | Vial: | 10 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 11:41:39 AM |
| Data file: | C:\Chem32\1\Data\02Dec20\10.D | Analyst: | Abbott |

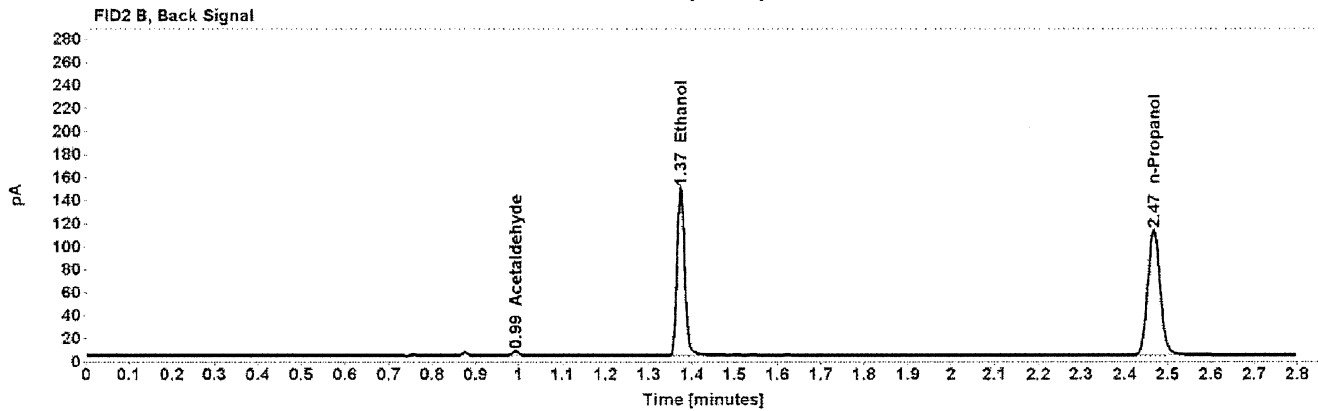
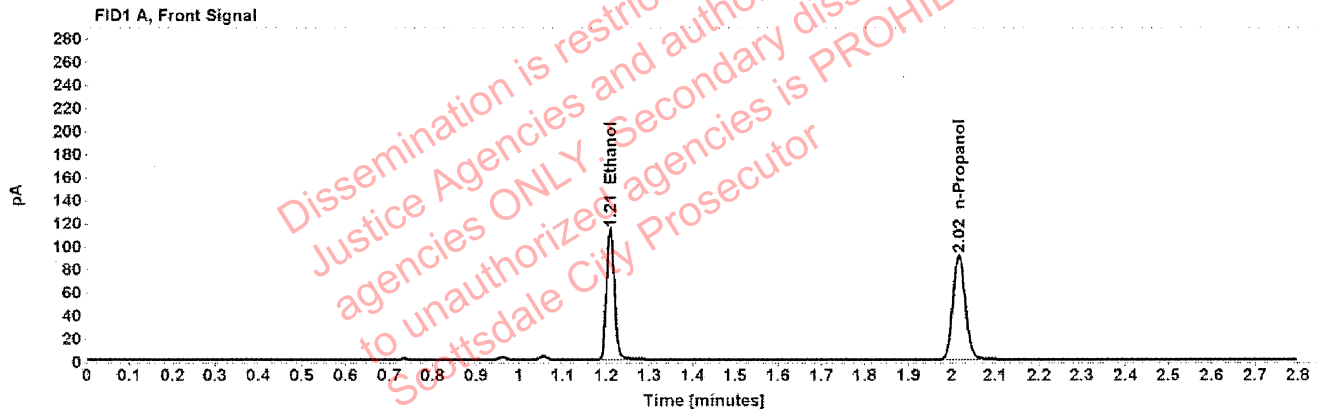


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.2267 | 1.210 | 144.102 |
| n-Propanol | ----- | 2.016 | 179.849 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 3.901 |
| Ethanol | 1.374 | 181.812 |
| n-Propanol | 2.467 | 221.564 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|--------------------------------|-----------------|-----------------------|
| Sample: | 35901AG | Vial: | 11 |
| Description: | | LIMS ID: | |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 11:45:39 AM |
| Data file: | C:\Chem32\11\Data\02Dec20\11.D | Analyst: | Abbott |

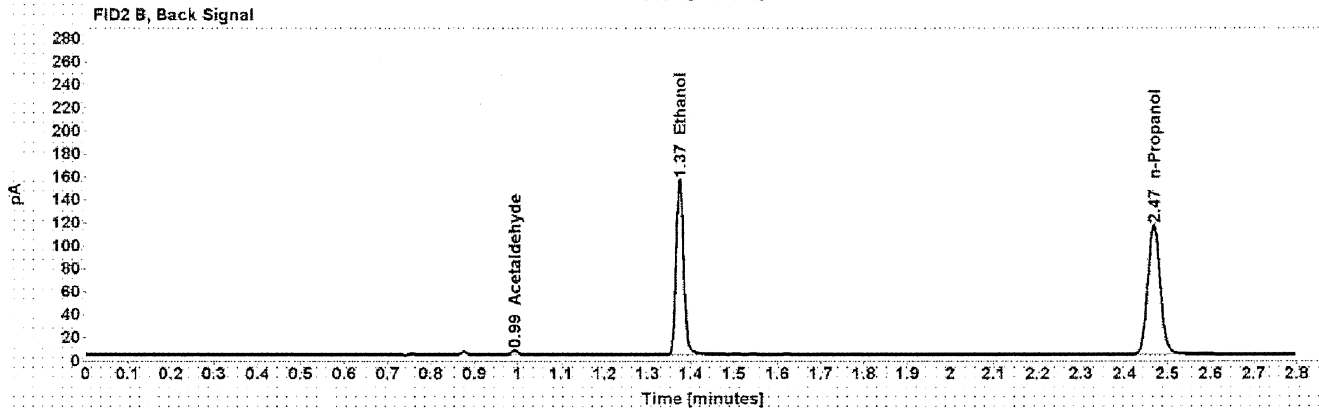
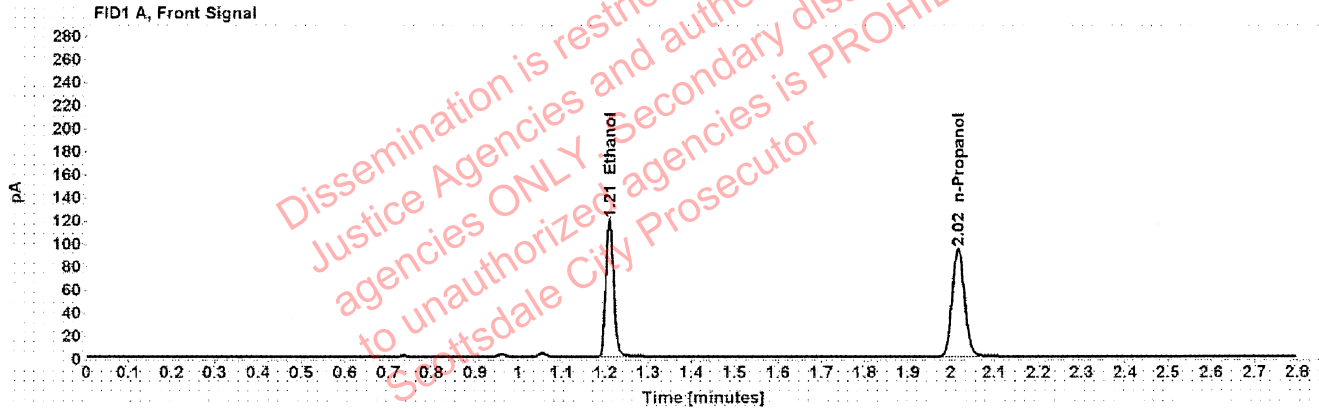


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.2289 | 1.210 | 150.765 |
| n-Propanol | ----- | 2.016 | 186.350 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 3.942 |
| Ethanol | 1.374 | 188.743 |
| n-Propanol | 2.468 | 229.598 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample: | 35301RL | Vial: | 12 |
| Description: | | LIMS ID: | |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 11:49:39 AM |
| Data file: | C:\Chem32\1\Data\02Dec20\12.D | Analyst: | Abbott |

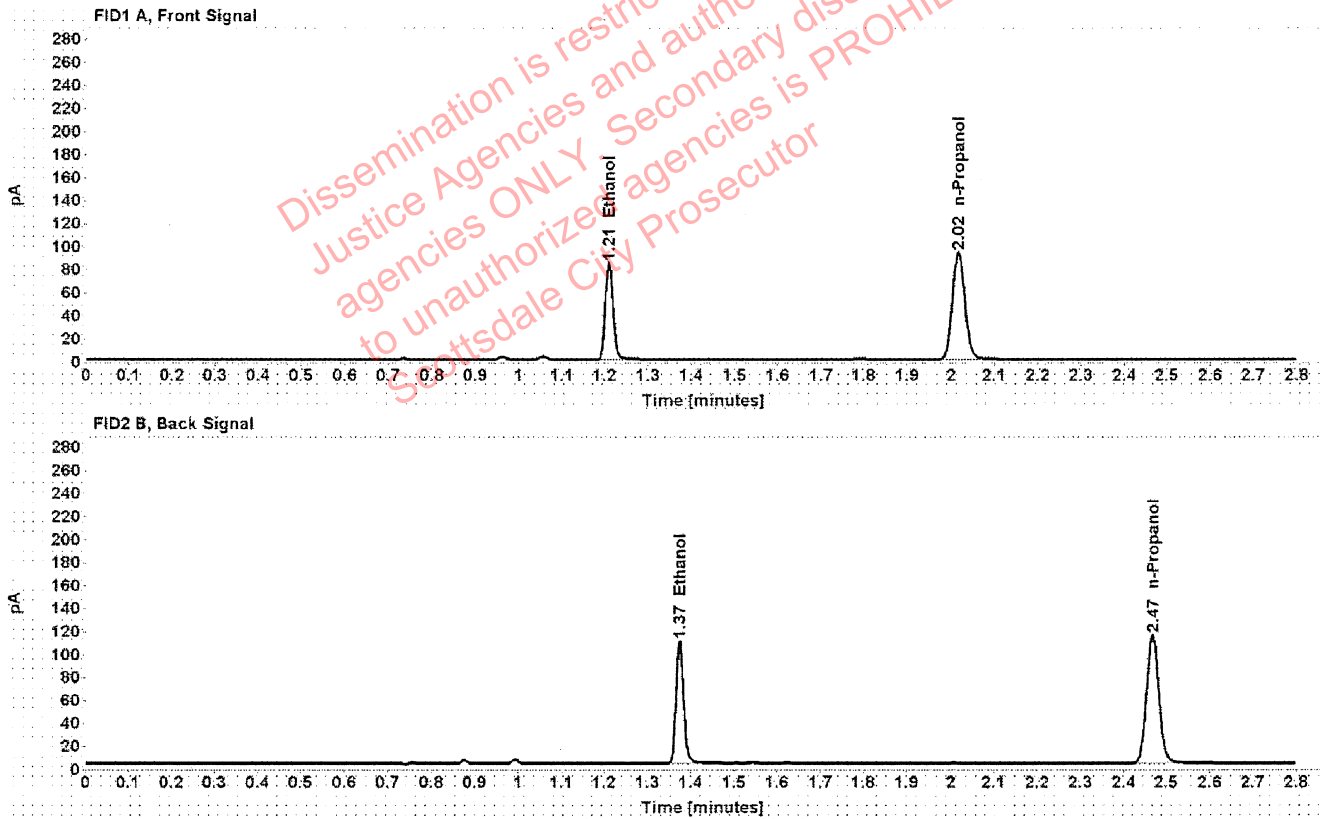


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1623 | 1.210 | 106.236 |
| n-Propanol | ----- | 2.016 | 185.398 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.374 | 132.650 |
| n-Propanol | 2.468 | 228.118 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample: | 35301RL | Vial: | 13 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 11:53:54 AM |
| Data file: | C:\Chem32\1\Data\02Dec20\13.D | Analyst: | Abbott |

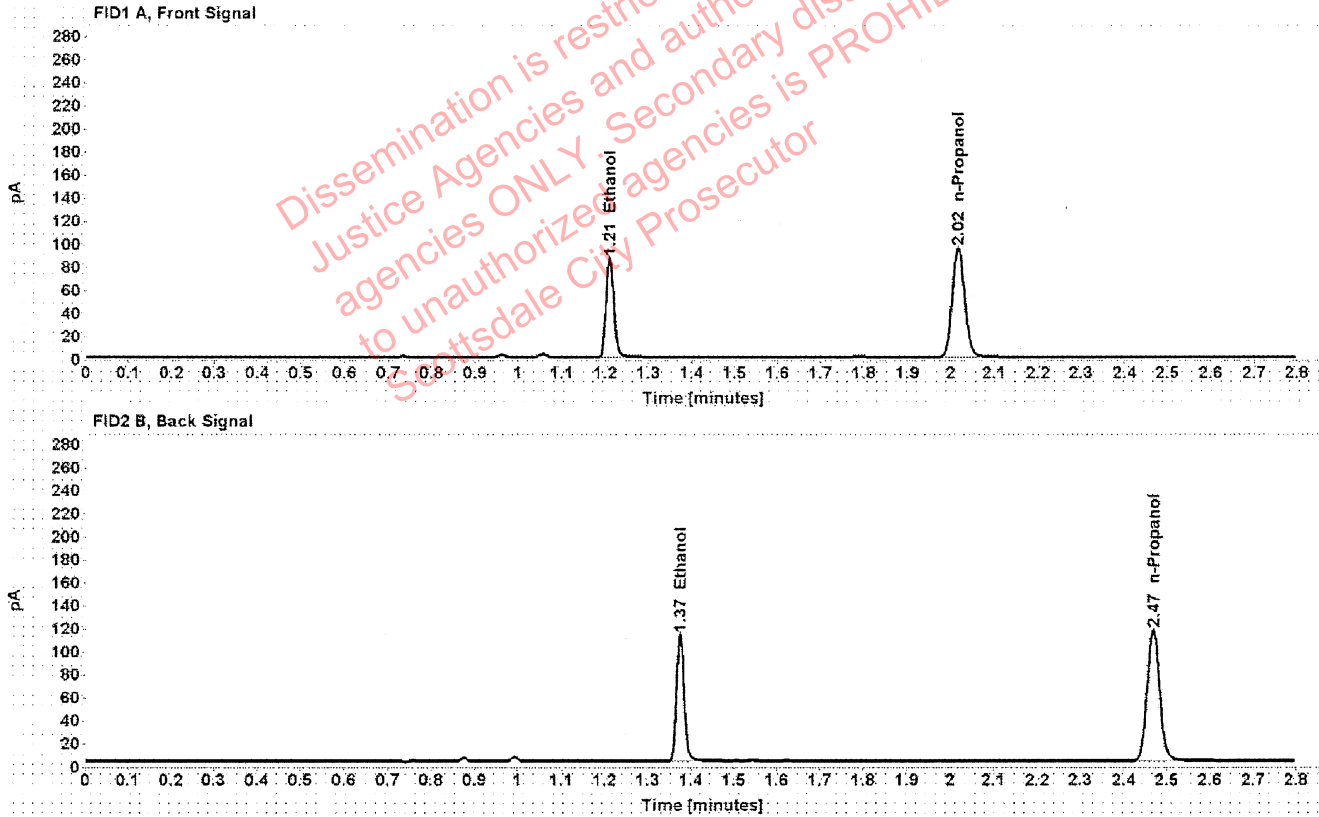


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1638 | 1.210 | 109.146 |
| n-Propanol | ----- | 2.017 | 188.728 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 135.908 |
| n-Propanol | 2.468 | 232.152 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample: | 33801CB | Vial: | 14 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 11:57:52 AM |
| Data file: | C:\Chem32\1\Data\02Dec20\14.D | Analyst: | Abbott |

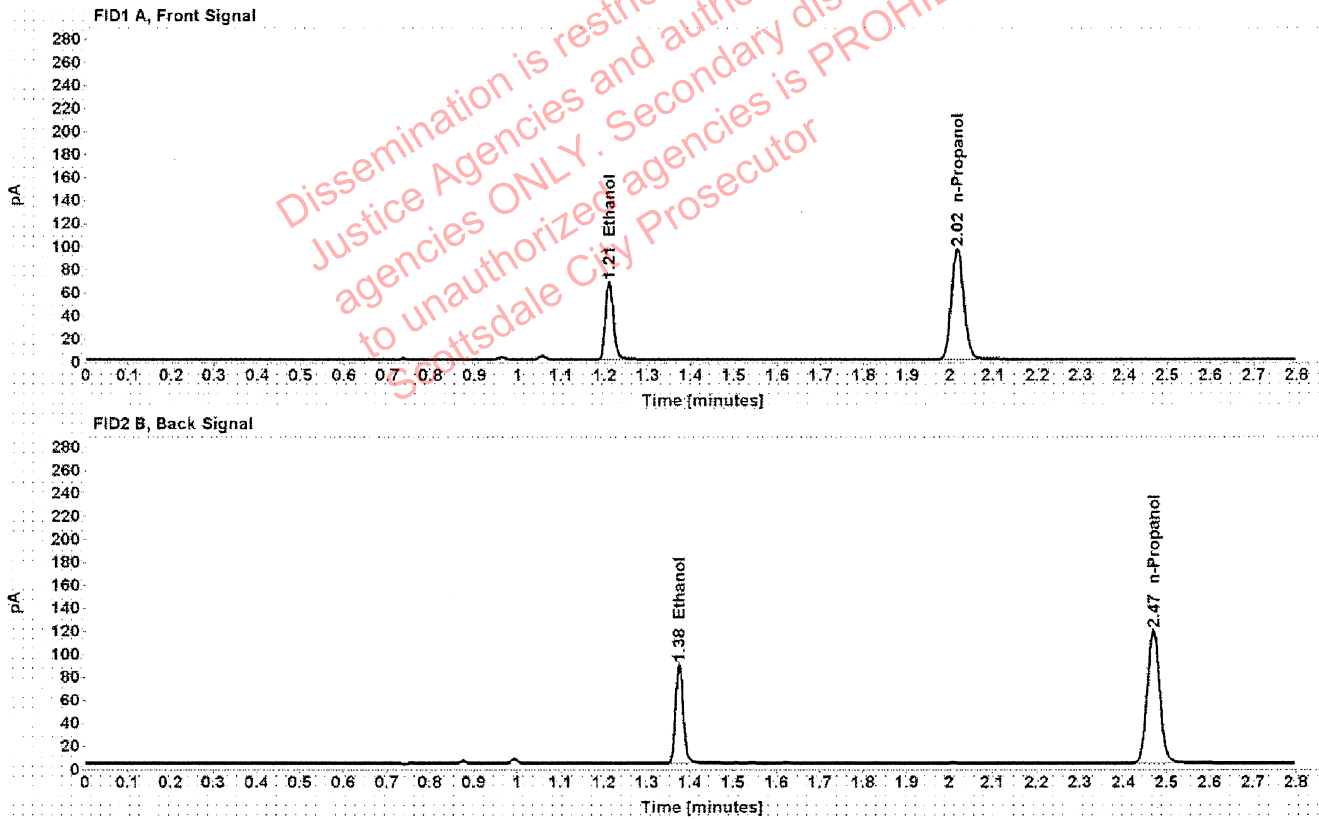


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1272 | 1.211 | 85.722 |
| n-Propanol | ----- | 2.017 | 191.011 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 106.680 |
| n-Propanol | 2.469 | 235.032 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample: | 33801CB | Vial: | 15 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 12:01:55 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\15.D | Analyst: | Abbott |

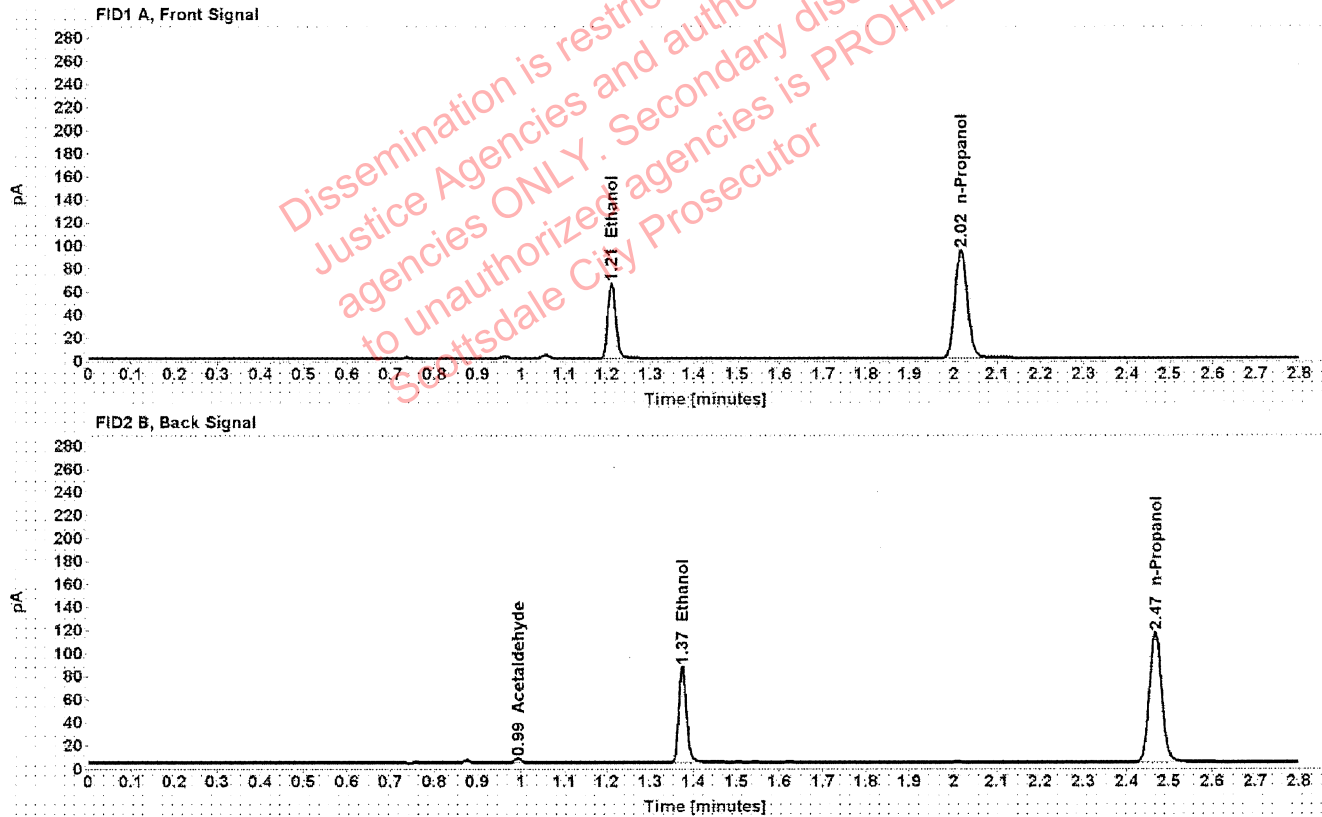


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1262 | 1.210 | 83.134 |
| n-Propanol | ----- | 2.016 | 186.752 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 3.801 |
| Ethanol | 1.375 | 103.214 |
| n-Propanol | 2.468 | 229.752 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample: | 33601FM | Vial: | 16 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 12:05:54 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\16.D | Analyst: | Abbott |

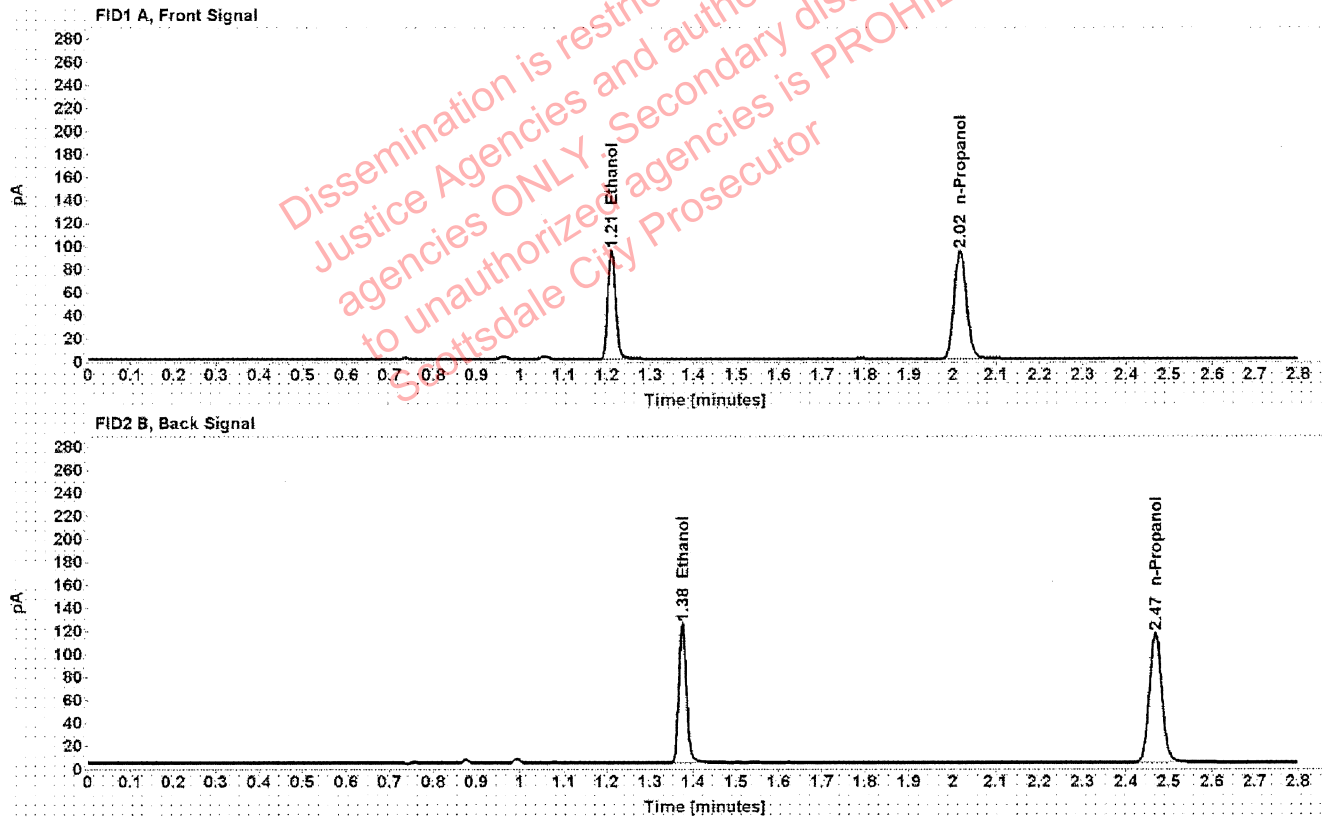


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1821 | 1.210 | 120.301 |
| n-Propanol | ----- | 2.017 | 186.999 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 149.734 |
| n-Propanol | 2.468 | 229.909 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample: | 33601FM | Vial: | 17 |
| Description: | | LIMS ID: | |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 12:09:55 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\17.D | Analyst: | Abbott |

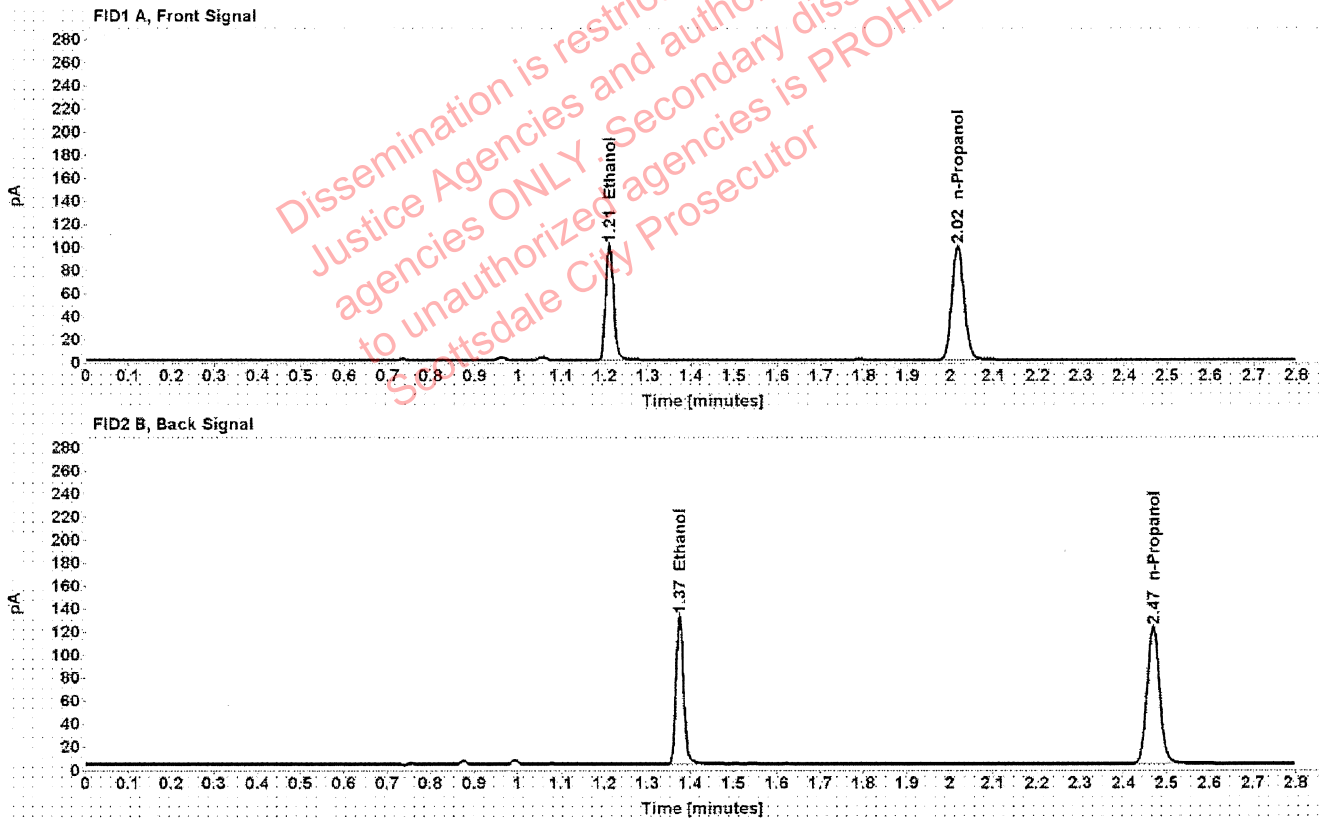


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1835 | 1.210 | 127.597 |
| n-Propanol | ----- | 2.017 | 196.867 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 159.612 |
| n-Propanol | 2.468 | 242.101 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample: | 33601MC | Vial: | 18 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 12:13:54 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\18.D | Analyst: | Abbott |

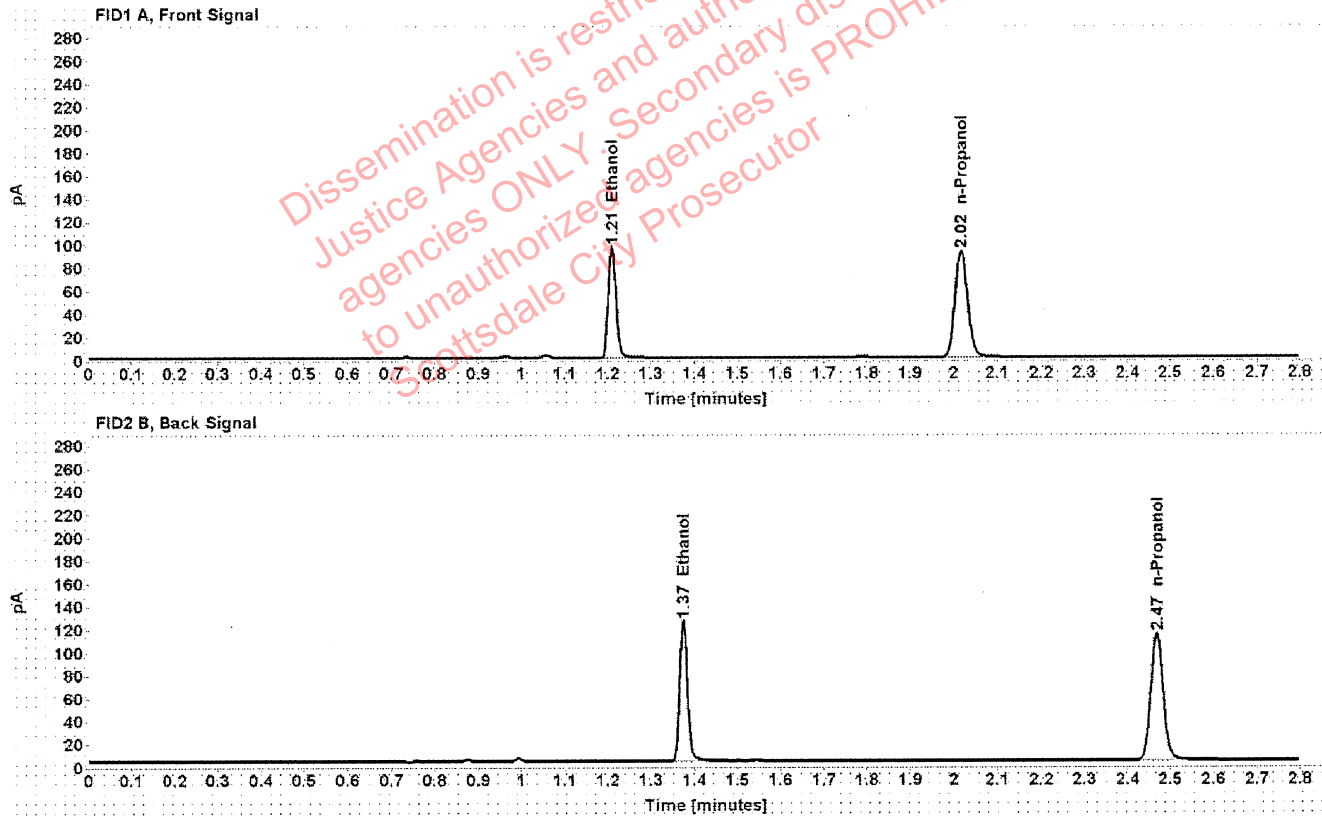


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1876 | 1.210 | 121.735 |
| n-Propanol | ----- | 2.017 | 183.707 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 151.950 |
| n-Propanol | 2.468 | 225.624 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample: | 33601MC | Vial: | 19 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 12:18:08 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\19.D | Analyst: | Abbott |

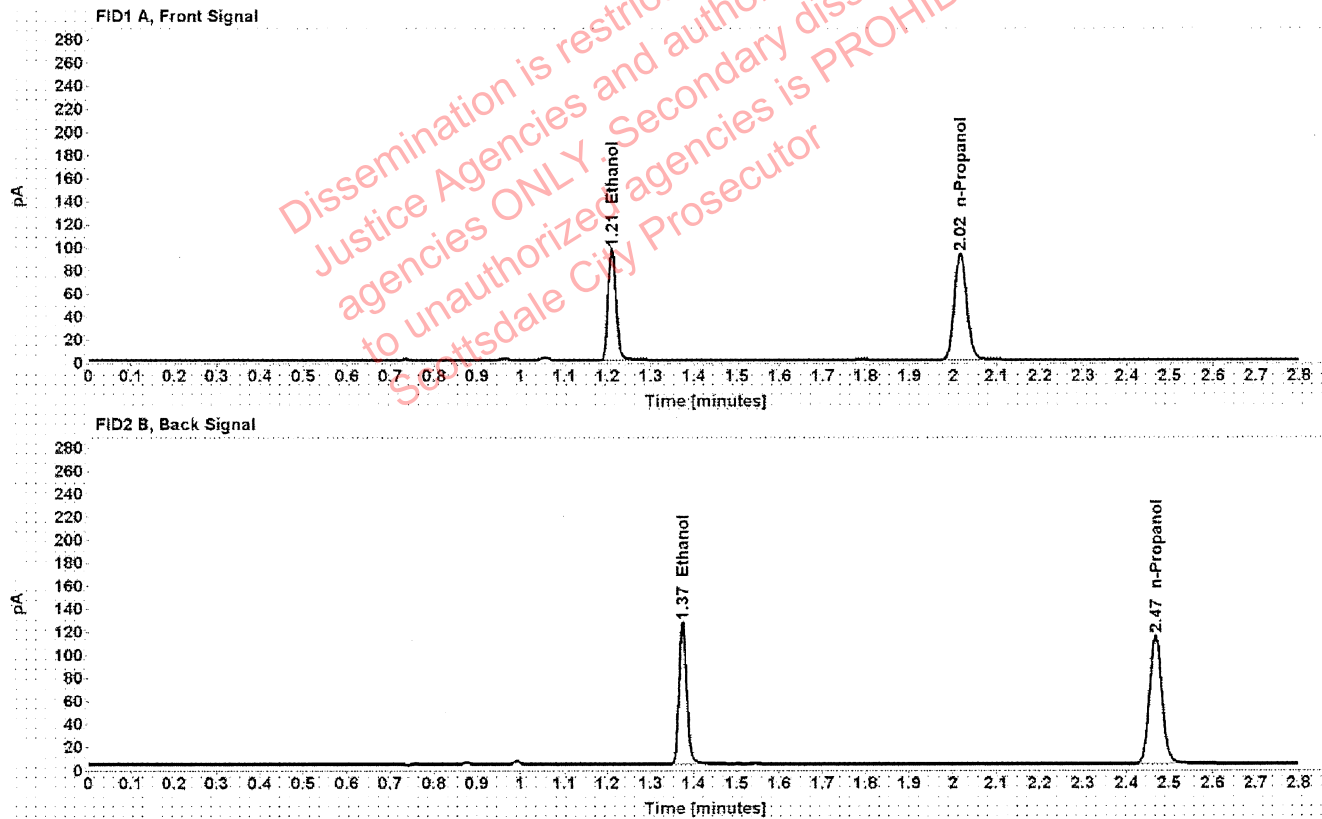


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1878 | 1.210 | 122.671 |
| n-Propanol | ----- | 2.017 | 184.832 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.374 | 153.010 |
| n-Propanol | 2.468 | 226.810 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample: | 33801JH | Vial: | 21 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 12:26:08 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\21.D | Analyst: | Abbott |

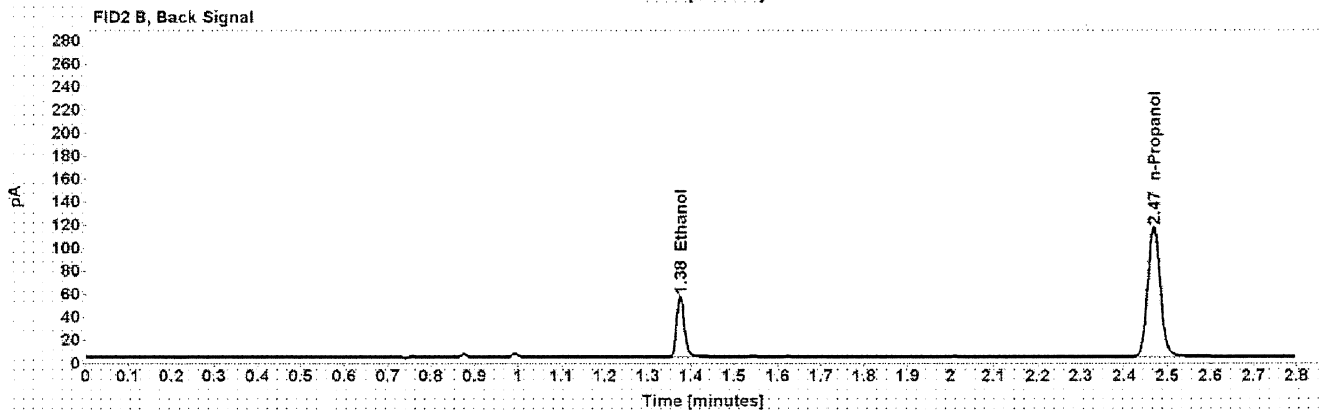
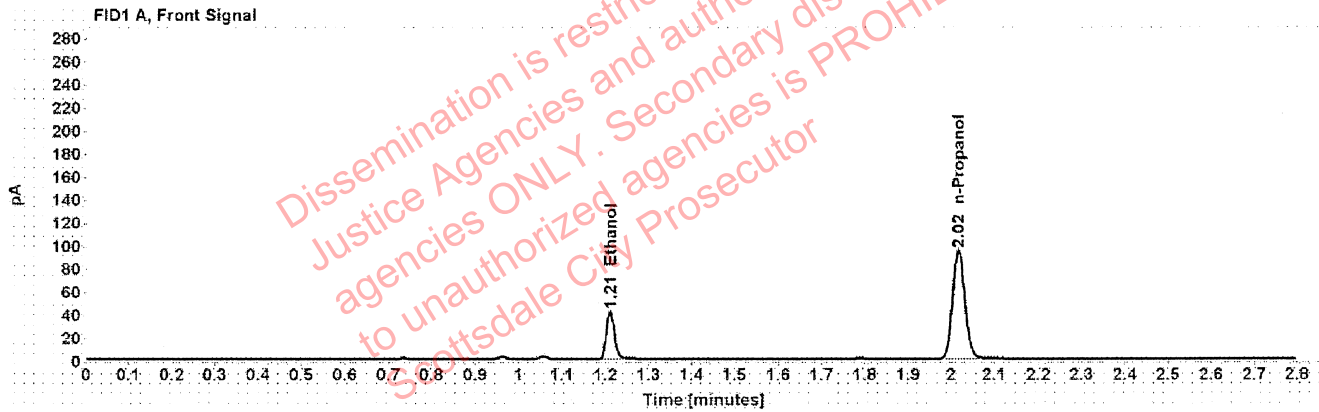


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.0805 | 1.211 | 52.982 |
| n-Propanol | ----- | 2.017 | 187.020 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 65.919 |
| n-Propanol | 2.468 | 230.193 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample: | 33801JH | Vial: | 22 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 12:30:08 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\22.D | Analyst: | Abbott |

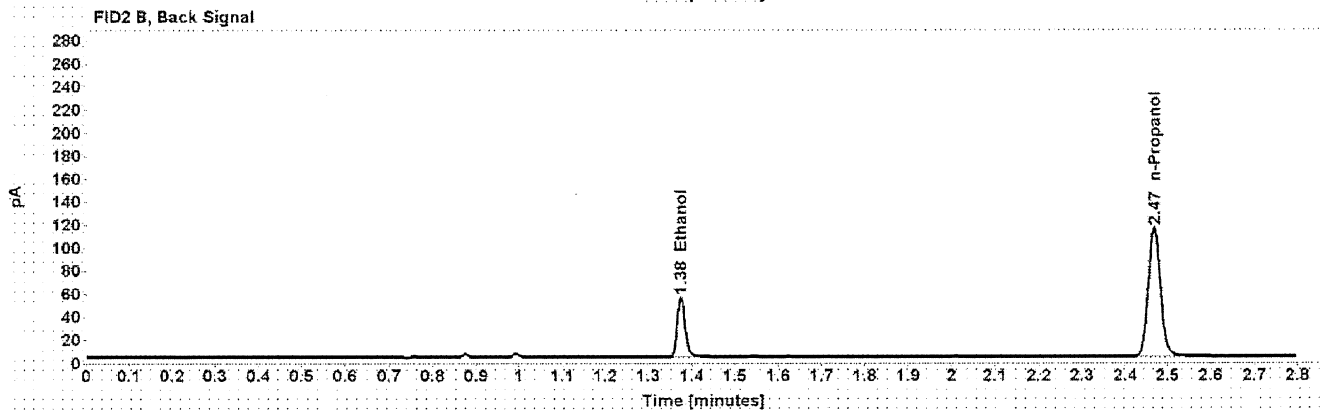
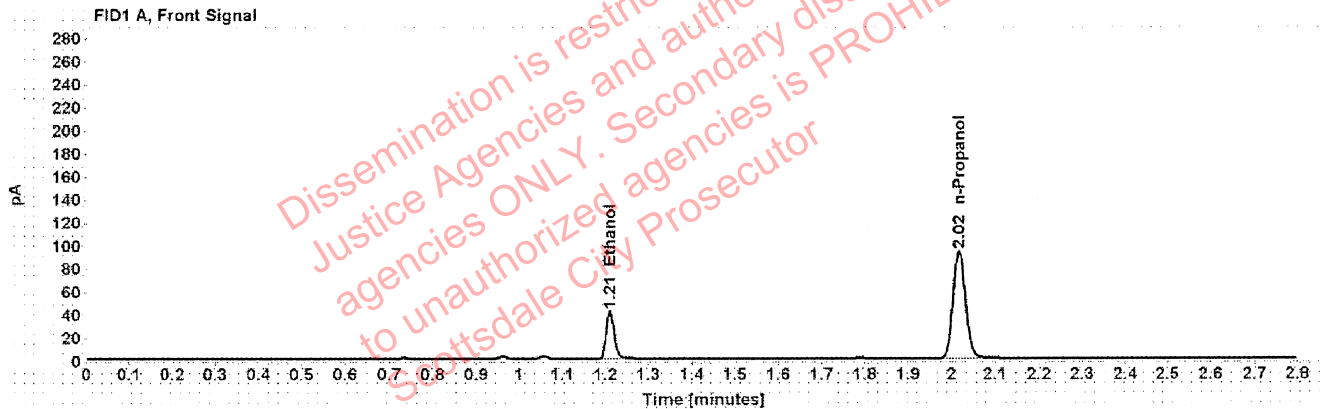


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.0802 | 1.211 | 52.348 |
| n-Propanol | ----- | 2.017 | 185.587 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 65.045 |
| n-Propanol | 2.468 | 228.324 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample: | 38101SM | Vial: | 23 |
| Description: | | LIMS ID: | |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 12:34:08 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\23.D | Analyst: | Abbott |

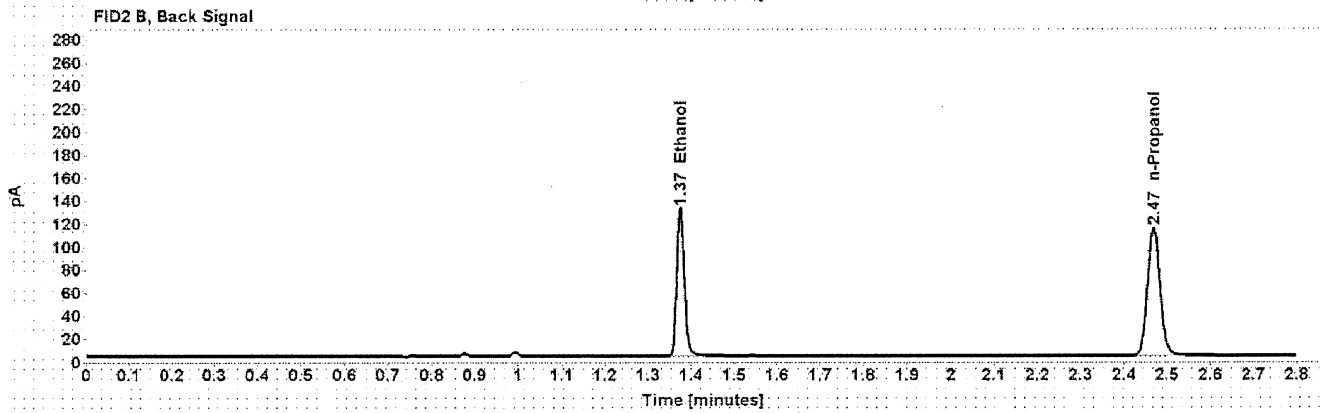
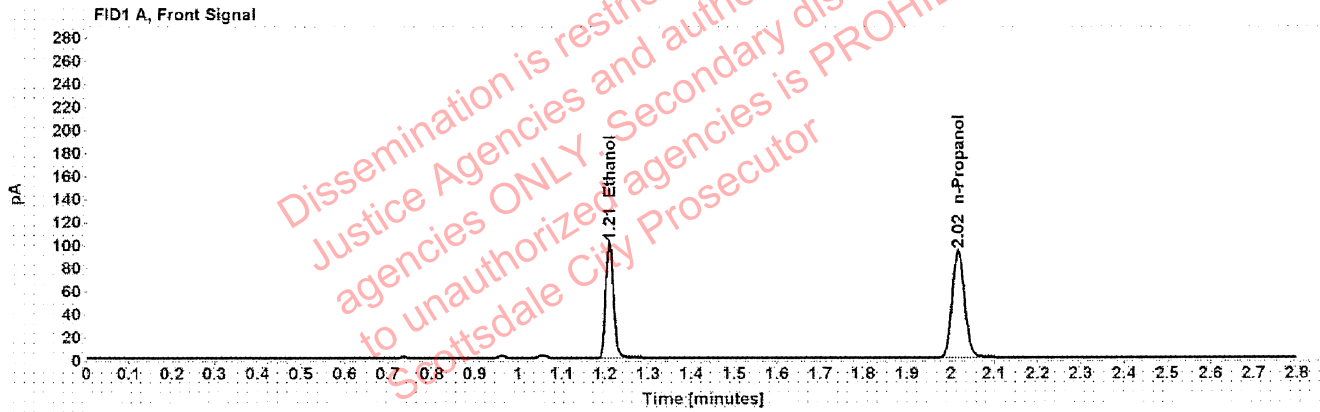


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1958 | 1.210 | 127.952 |
| n-Propanol | ----- | 2.017 | 184.910 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 159.982 |
| n-Propanol | 2.468 | 227.155 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample: | 38101SM | Vial: | 24 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 12:38:10 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\24.D | Analyst: | Abbott |

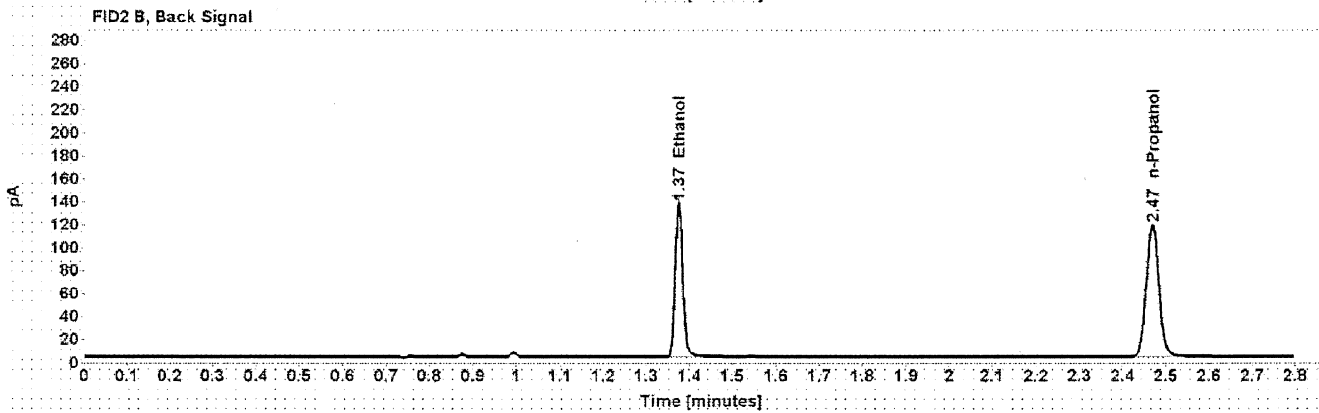
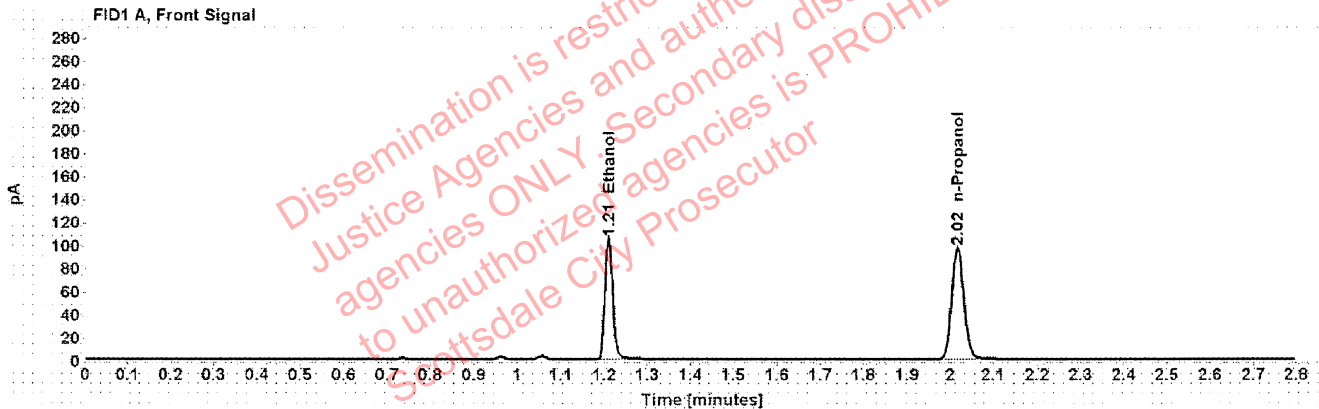


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1968 | 1.210 | 133.081 |
| n-Propanol | ----- | 2.017 | 191.335 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 166.567 |
| n-Propanol | 2.468 | 235.046 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample: | 33801JL | Vial: | 25 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 12:42:23 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\25.D | Analyst: | Abbott |

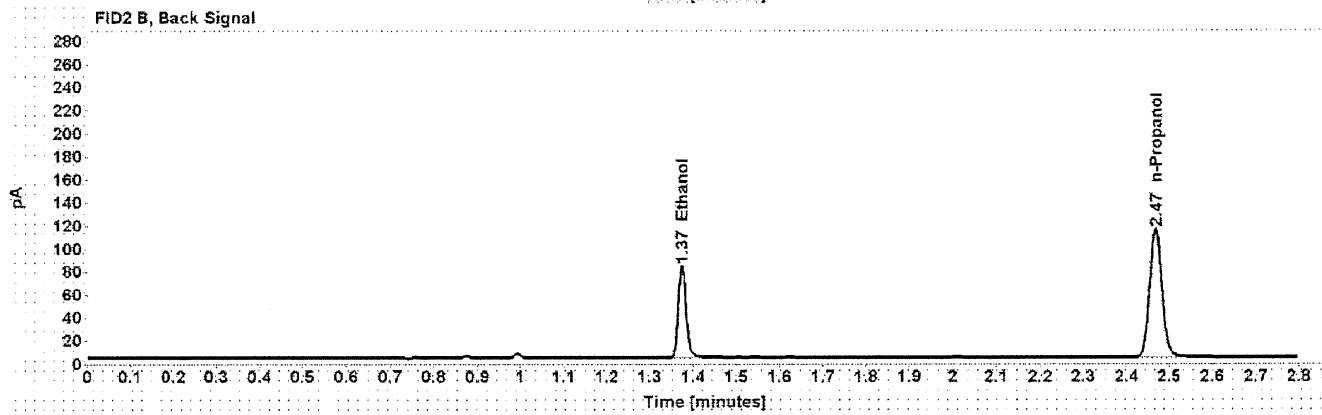
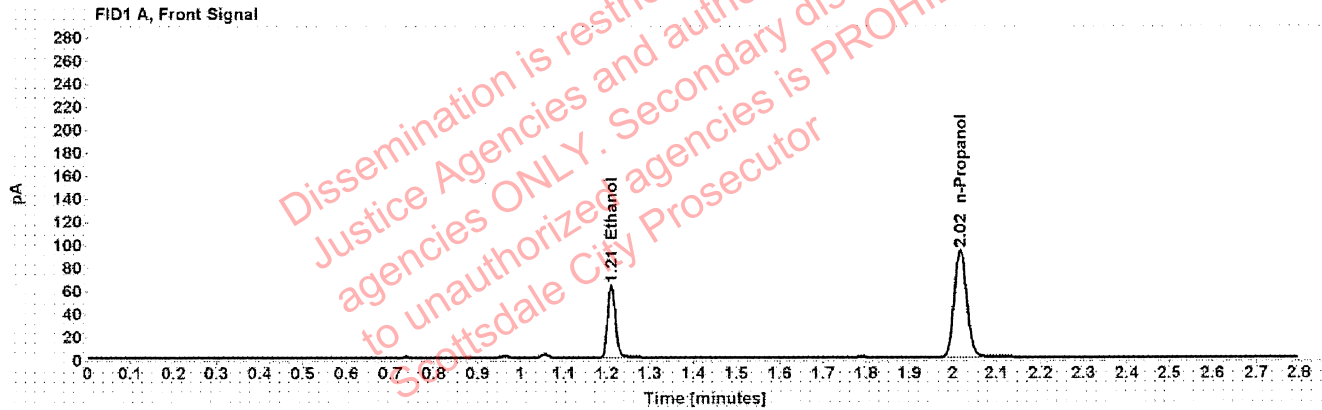


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1233 | 1.210 | 80.543 |
| n-Propanol | ----- | 2.016 | 185.197 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 99.817 |
| n-Propanol | 2.468 | 227.787 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample: | 33801JL | Vial: | 26 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 12:46:23 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\26.D | Analyst: | Abbott |

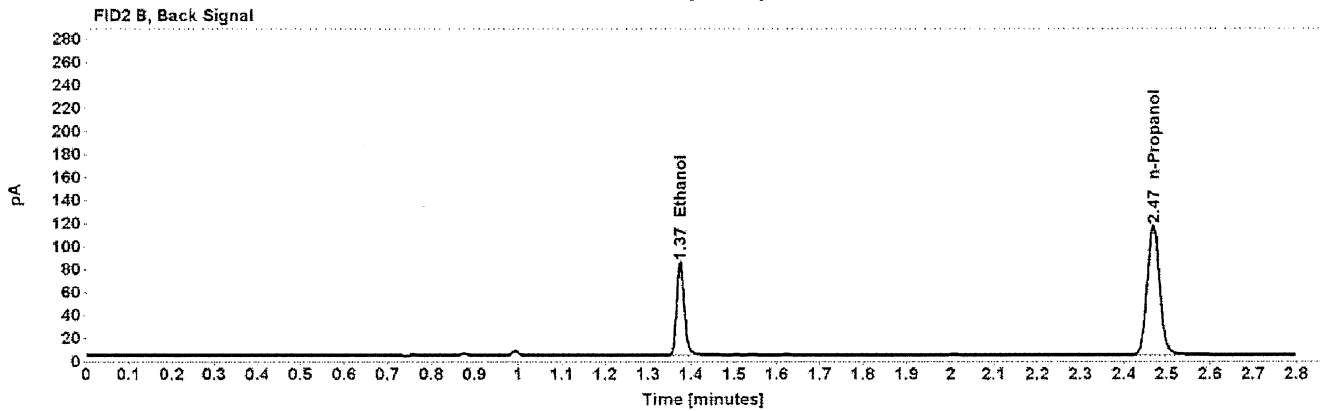
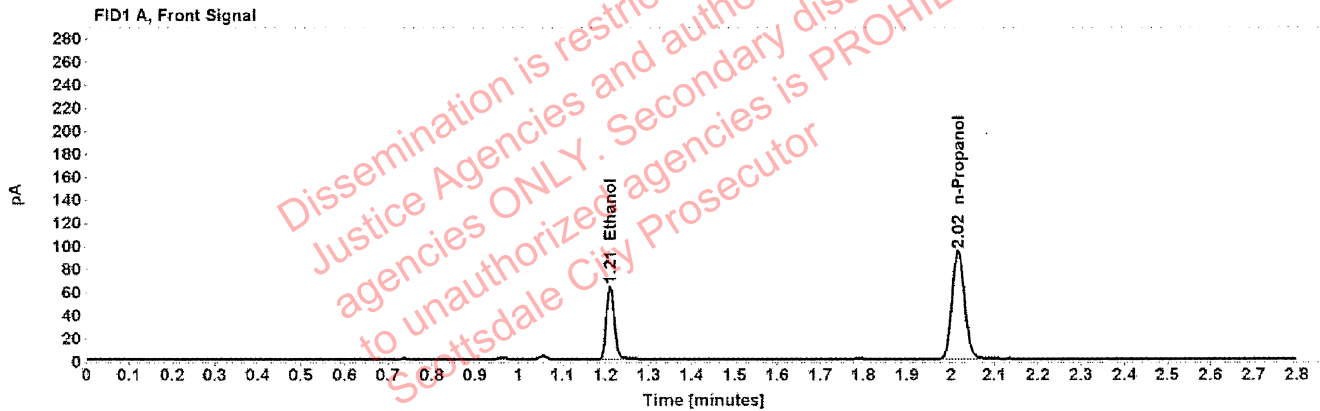


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1233 | 1.210 | 81.239 |
| n-Propanol | ----- | 2.016 | 186.871 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 100.772 |
| n-Propanol | 2.468 | 229.937 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample: | 28501SM | Vial: | 27 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 12:50:24 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\27.D | Analyst: | Abbott |

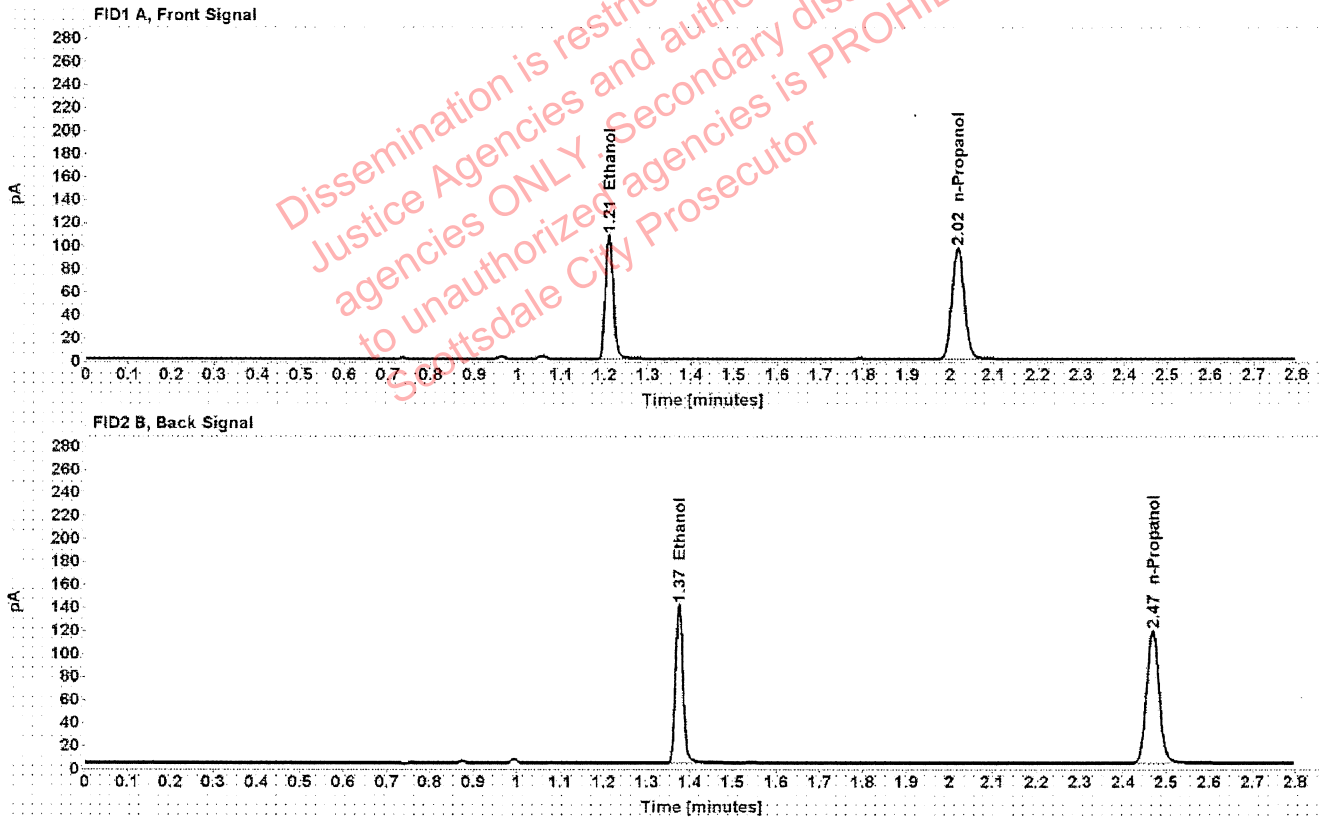


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.2014 | 1.210 | 136.414 |
| n-Propanol | ----- | 2.016 | 191.700 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 170.636 |
| n-Propanol | 2.468 | 235.361 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample: | 28501SM | Vial: | 28 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 12:54:23 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\28.D | Analyst: | Abbott |

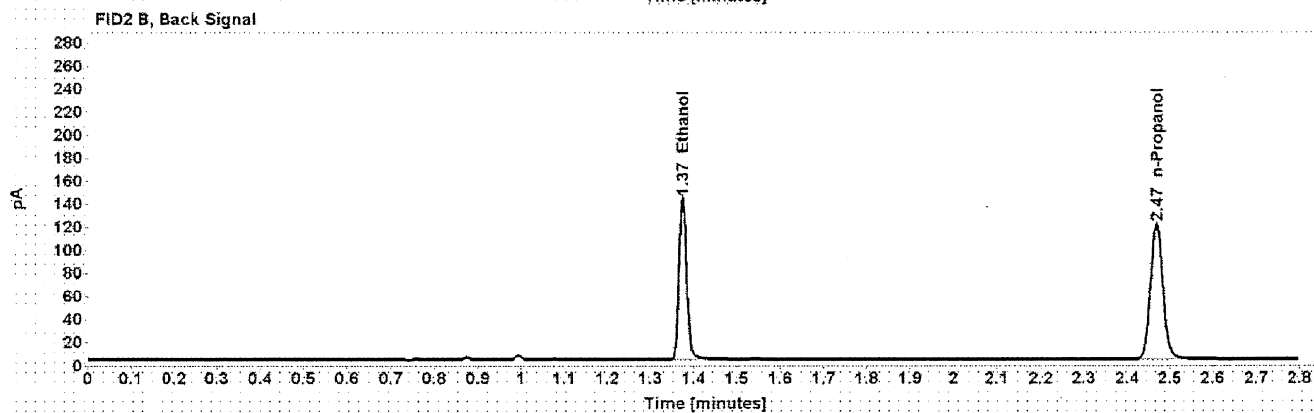
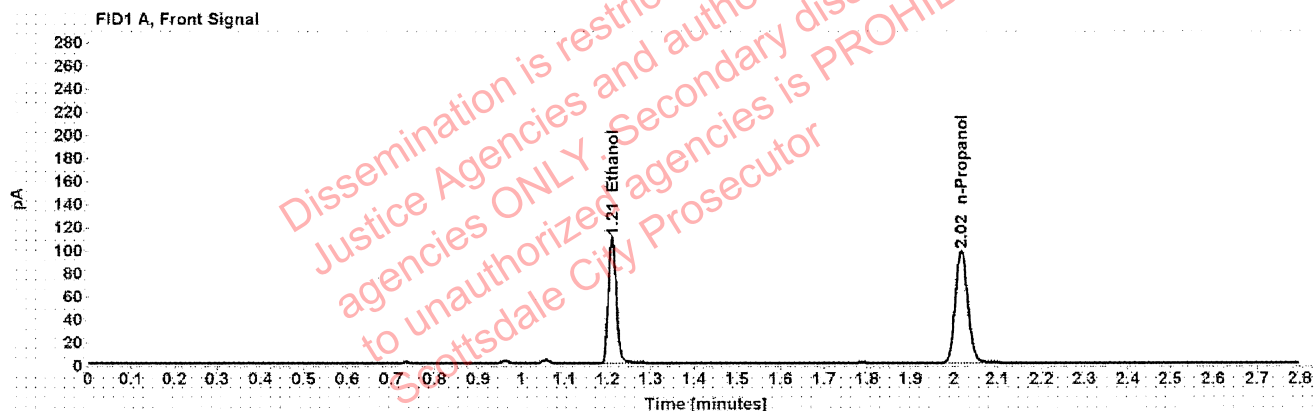


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.2025 | 1.210 | 139.341 |
| n-Propanol | ----- | 2.017 | 194.664 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 173.582 |
| n-Propanol | 2.468 | 238.977 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|-----------------------|
| Sample: | 1347460 | Vial: | 29 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 12:58:24 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\29.D | Analyst: | Abbott |

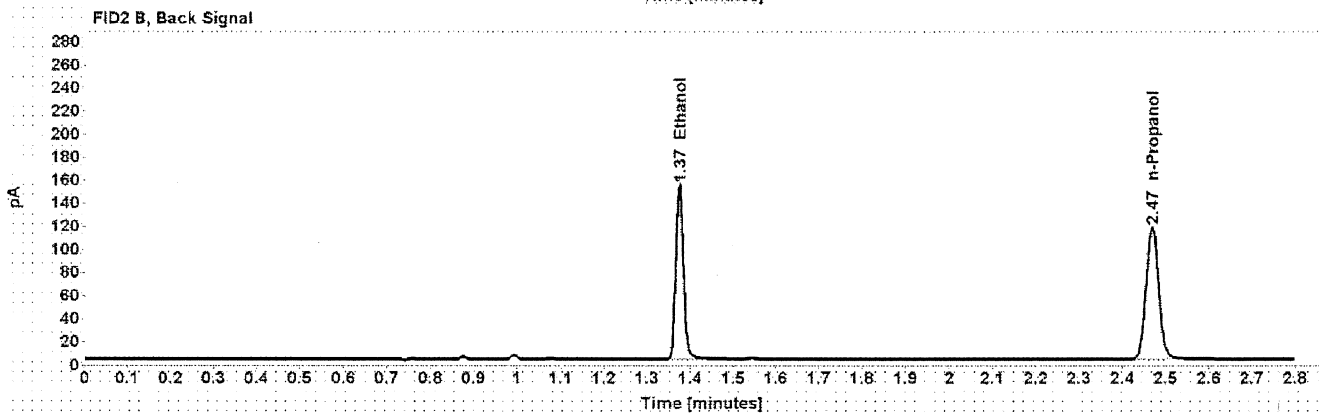
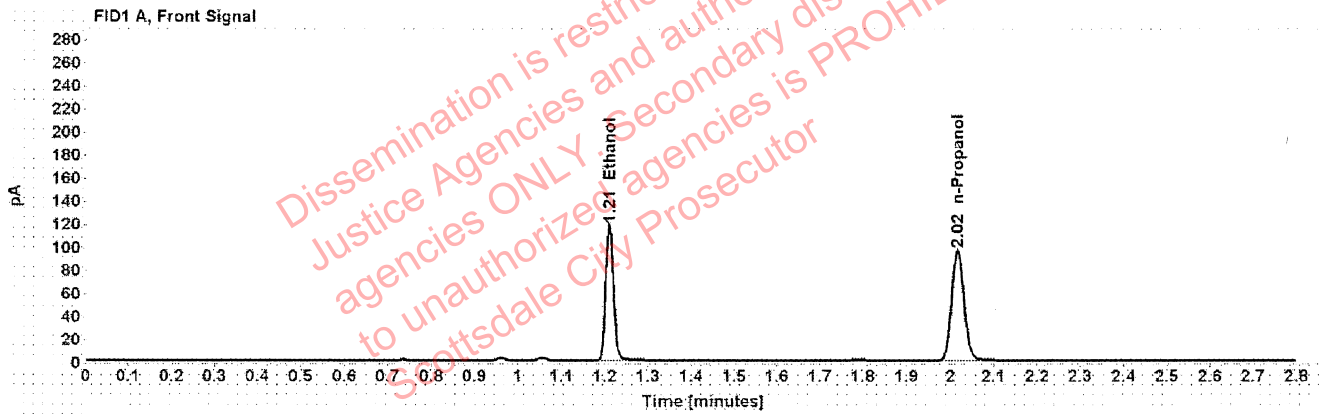


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.2222 | 1.210 | 149.617 |
| n-Propanol | ----- | 2.017 | 190.445 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 187.164 |
| n-Propanol | 2.468 | 233.302 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1347460 | Vial: | 30 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 1:02:24 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\30.D | Analyst: | Abbott |

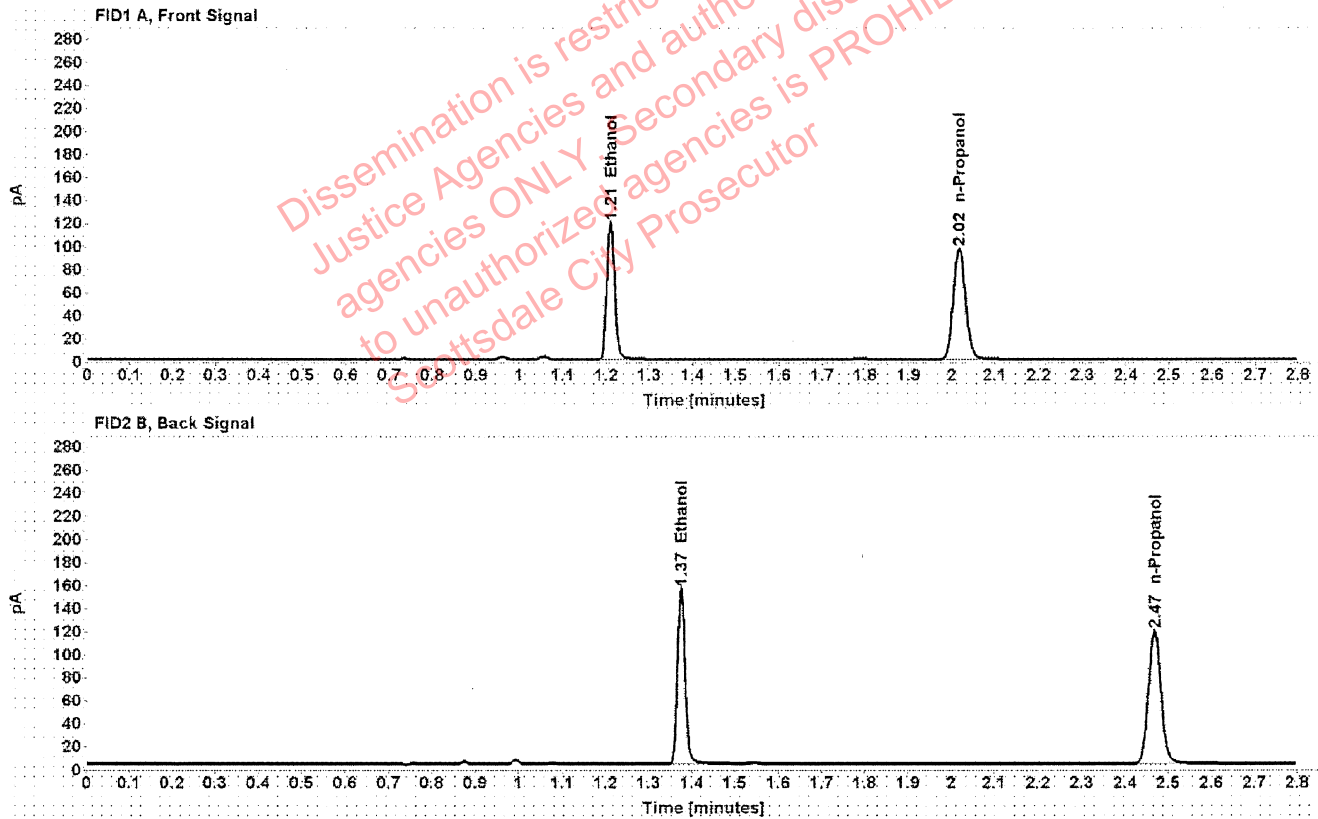


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.2229 | 1.210 | 151.293 |
| n-Propanol | ----- | 2.017 | 192.050 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 189.081 |
| n-Propanol | 2.468 | 235.308 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1347767 | Vial: | 32 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 1:10:38 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\32.D | Analyst: | Abbott |

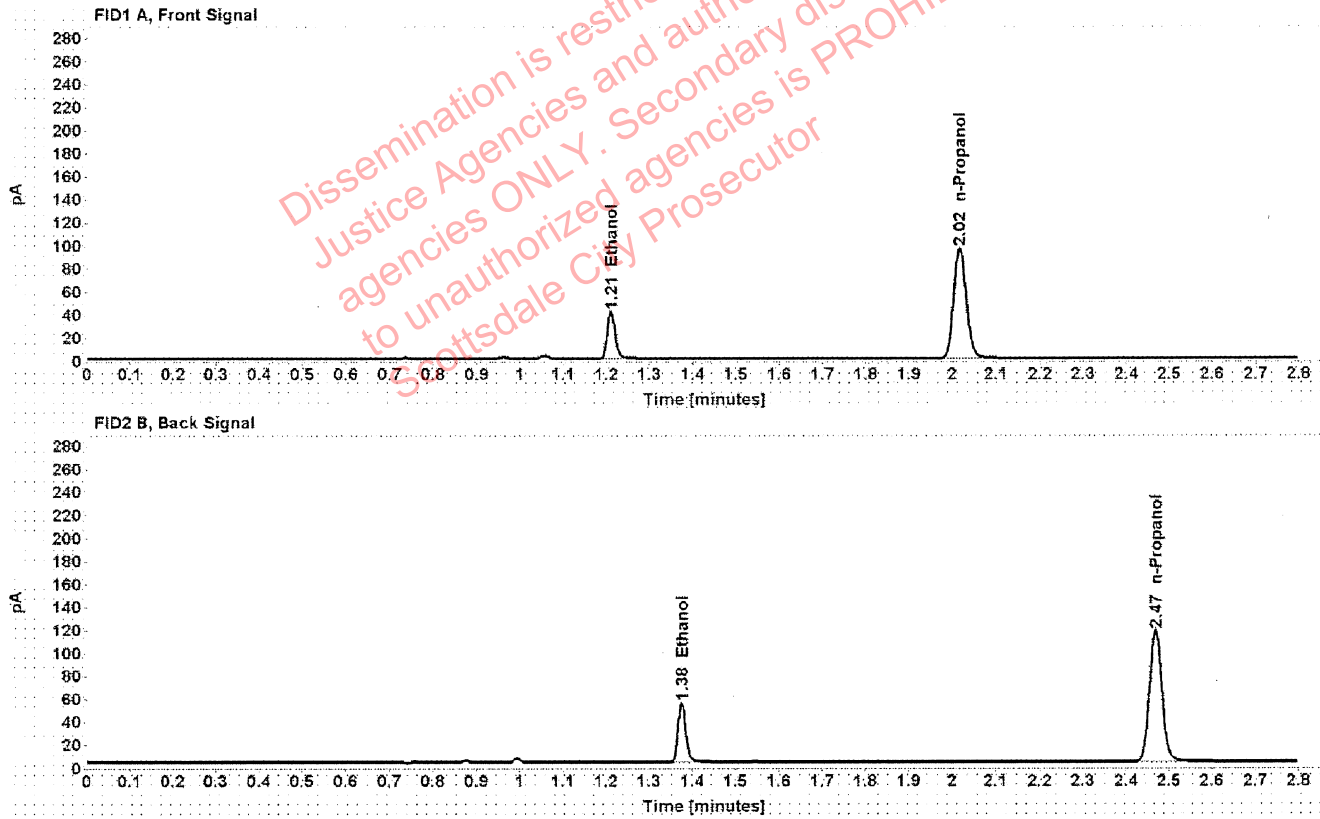


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.0779 | 1.211 | 52.100 |
| n-Propanol | ----- | 2.017 | 190.173 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 64.503 |
| n-Propanol | 2.468 | 233.540 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1347767 | Vial: | 33 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 1:14:38 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\33.D | Analyst: | Abbott |

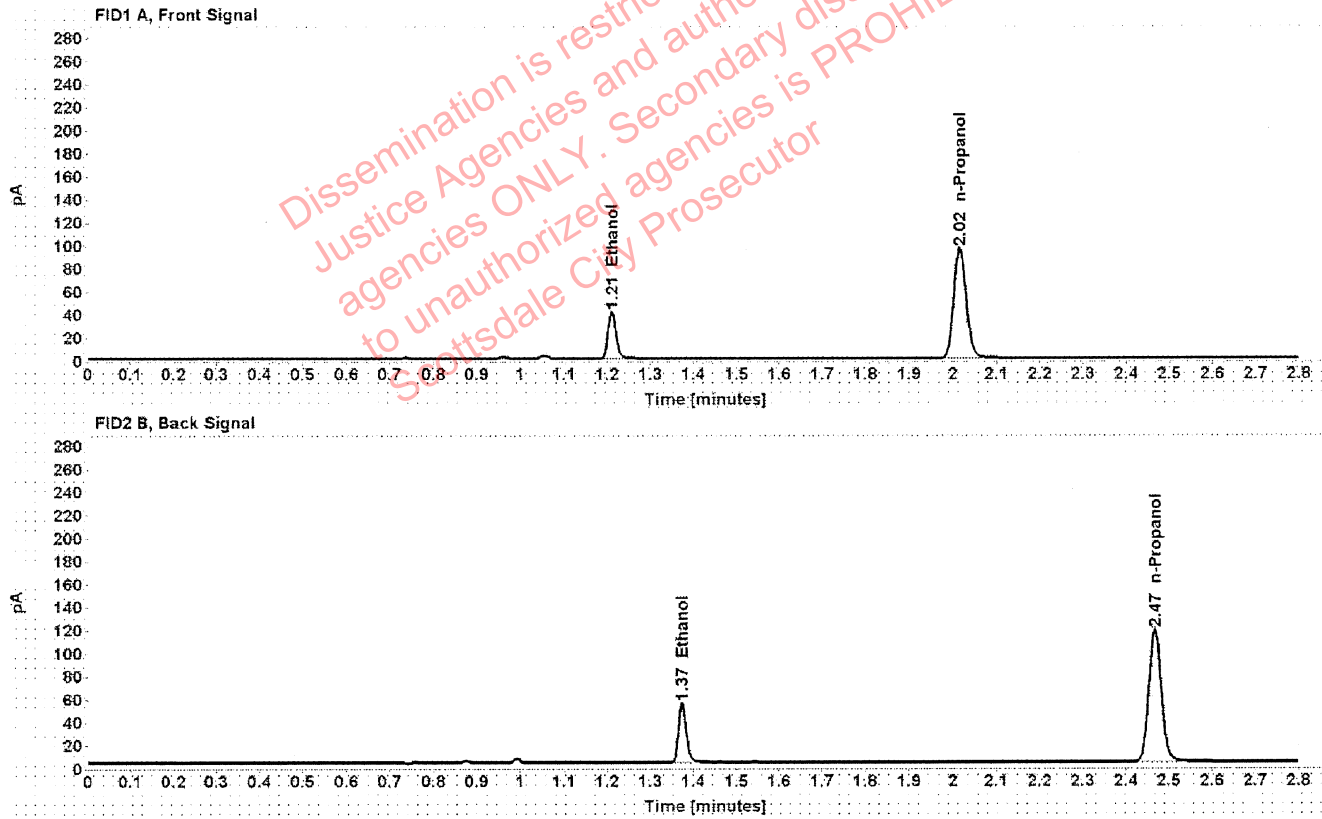


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.0773 | 1.210 | 51.895 |
| n-Propanol | ----- | 2.016 | 190.779 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.374 | 65.304 |
| n-Propanol | 2.467 | 234.396 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1345628 | Vial: | 34 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 1:18:39 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\34.D | Analyst: | Abbott |

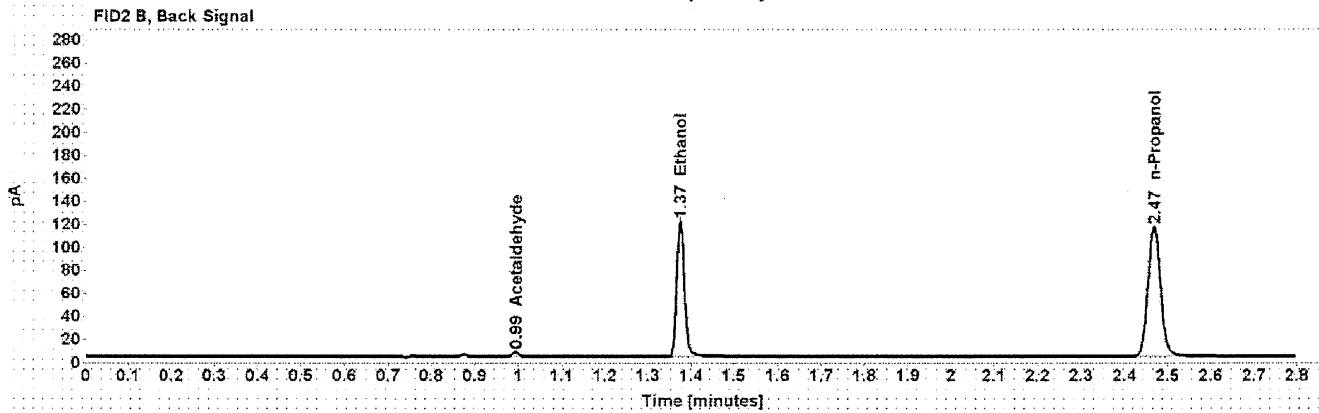
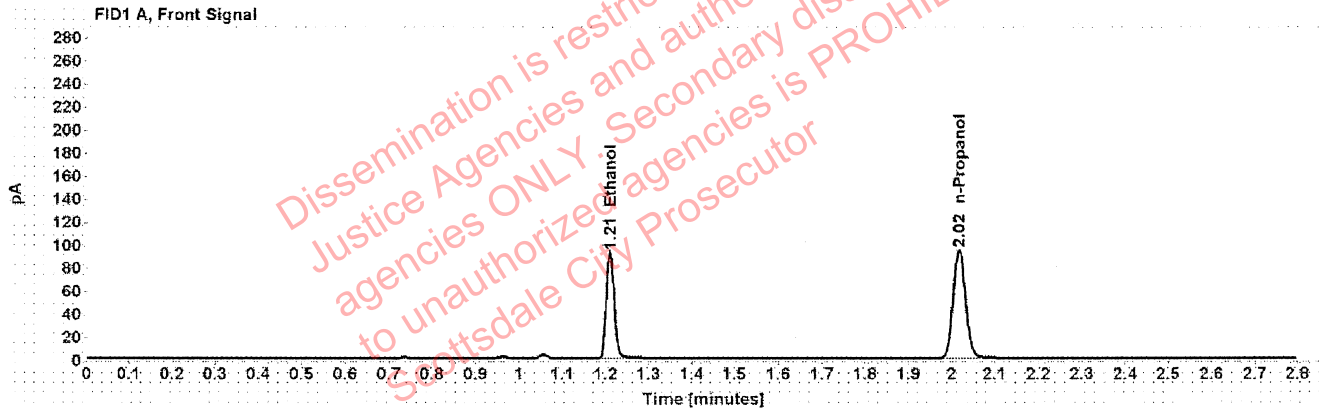


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1768 | 1.210 | 117.464 |
| n-Propanol | ----- | 2.017 | 188.050 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 4.050 |
| Ethanol | 1.375 | 146.067 |
| n-Propanol | 2.468 | 230.445 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1345628 | Vial: | 35 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 1:22:37 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\35.D | Analyst: | Abbott |

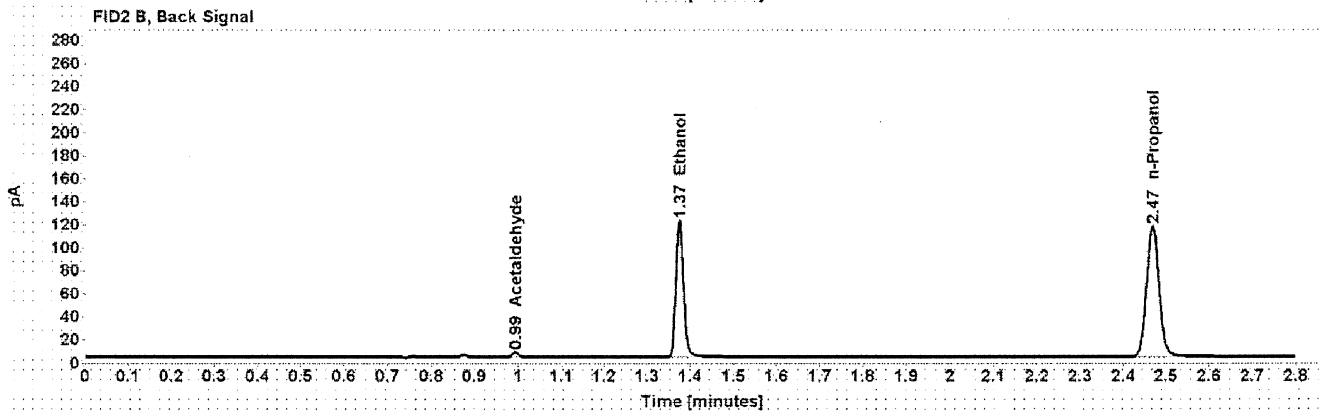
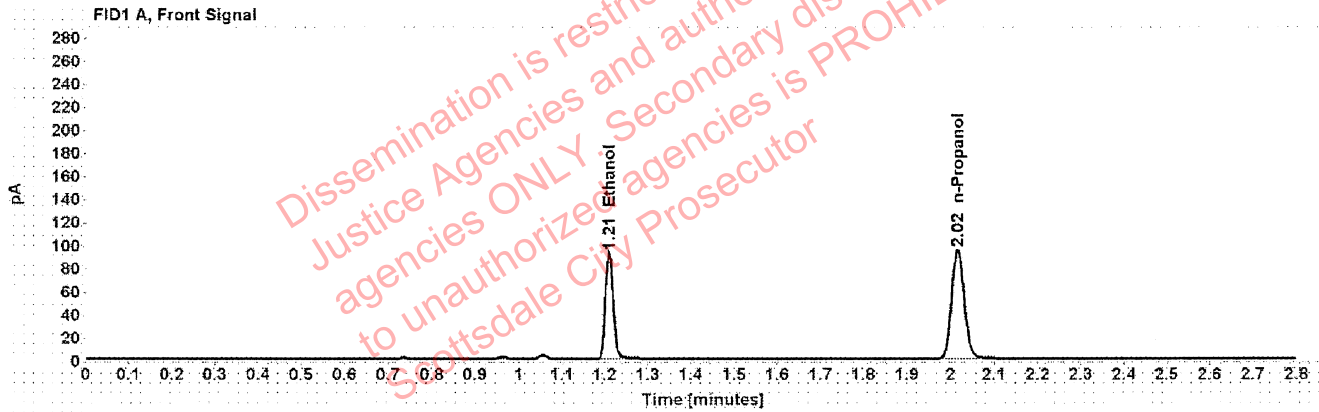


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1765 | 1.210 | 117.808 |
| n-Propanol | ----- | 2.017 | 188.956 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 4.117 |
| Ethanol | 1.375 | 146.800 |
| n-Propanol | 2.468 | 231.832 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1343436 | Vial: | 36 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 1:26:38 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\36.D | Analyst: | Abbott |

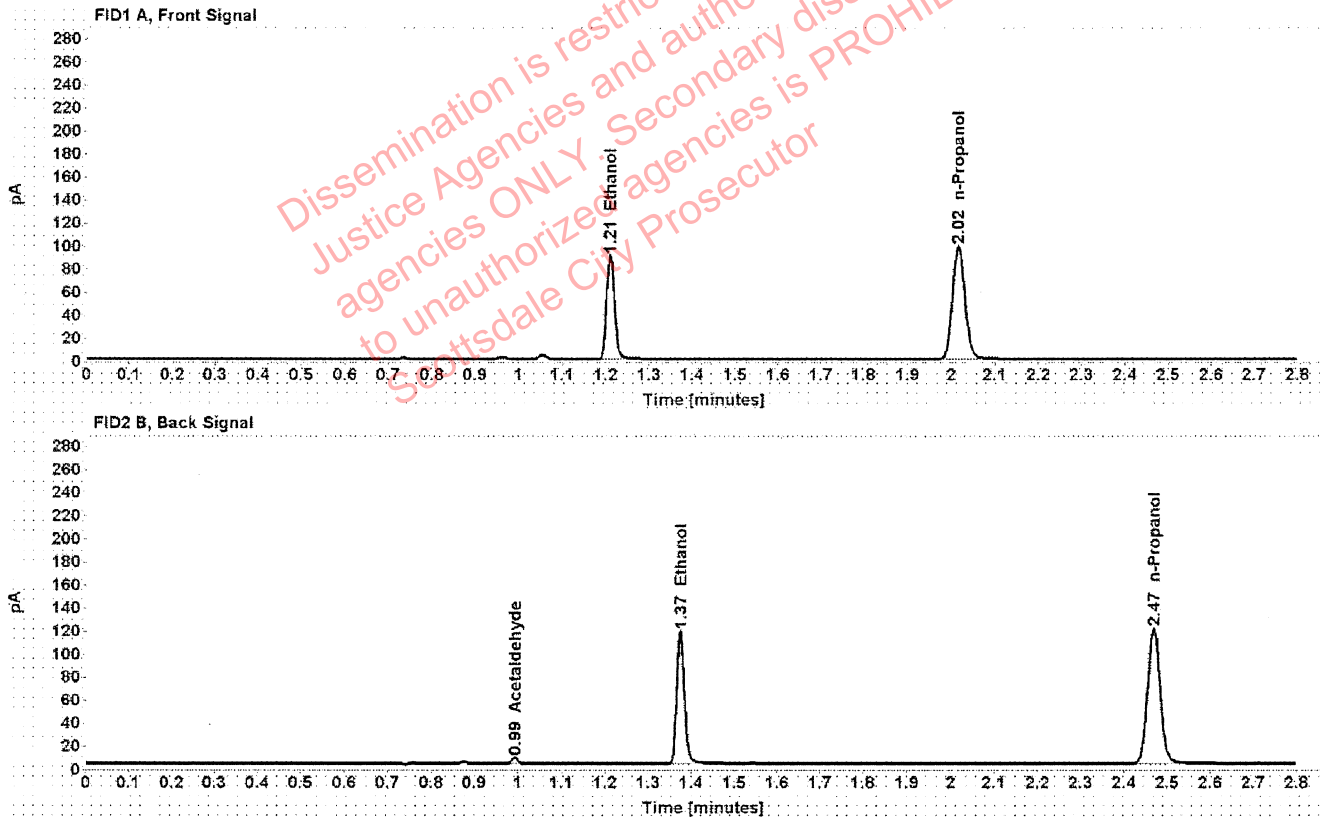


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1660 | 1.210 | 114.319 |
| n-Propanol | ----- | 2.017 | 195.000 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 4.633 |
| Ethanol | 1.375 | 142.250 |
| n-Propanol | 2.468 | 239.469 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1343436 | Vial: | 37 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 1:30:53 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\37.D | Analyst: | Abbott |

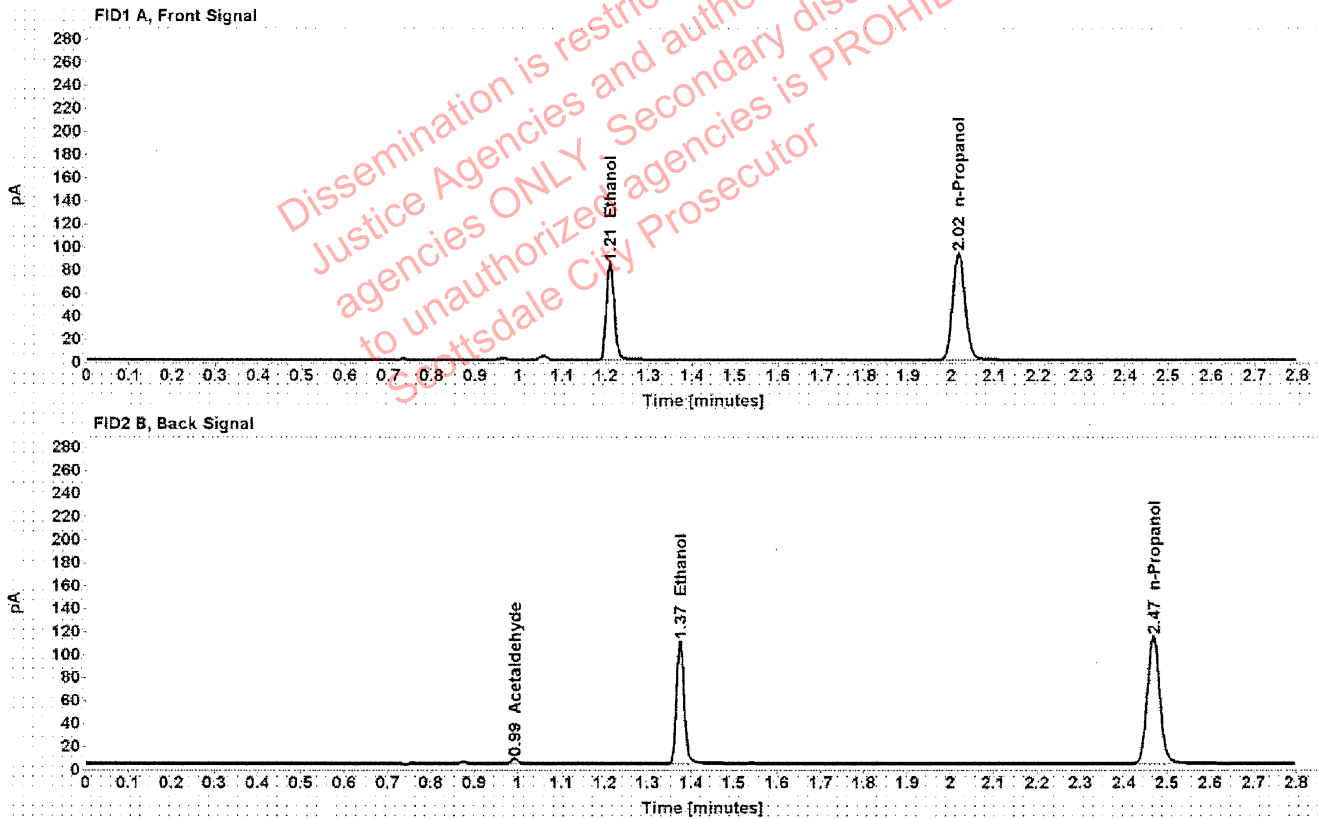


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1639 | 1.210 | 106.908 |
| n-Propanol | ----- | 2.016 | 184.722 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 4.544 |
| Ethanol | 1.374 | 132.866 |
| n-Propanol | 2.468 | 226.489 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|--------------------------------|-----------------|----------------------|
| Sample: | 1348076 | Vial: | 38 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 1:34:54 PM |
| Data file: | C:\Chem32\11\Data\02Dec20\38.D | Analyst: | Abbott |

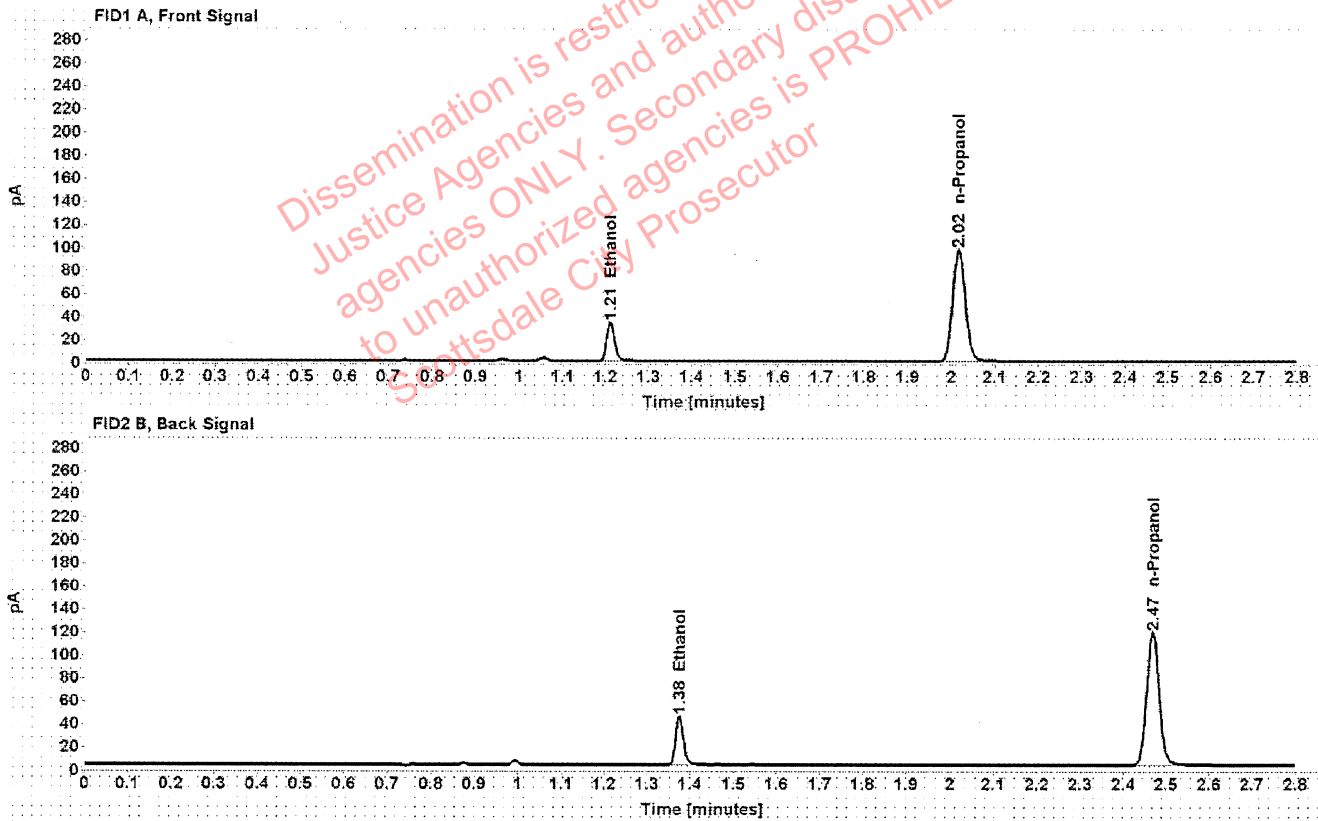


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.0627 | 1.211 | 42.410 |
| n-Propanol | ----- | 2.017 | 192.602 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.376 | 53.314 |
| n-Propanol | 2.468 | 236.015 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1348076 | Vial: | 39 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 1:38:53 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\39.D | Analyst: | Abbott |

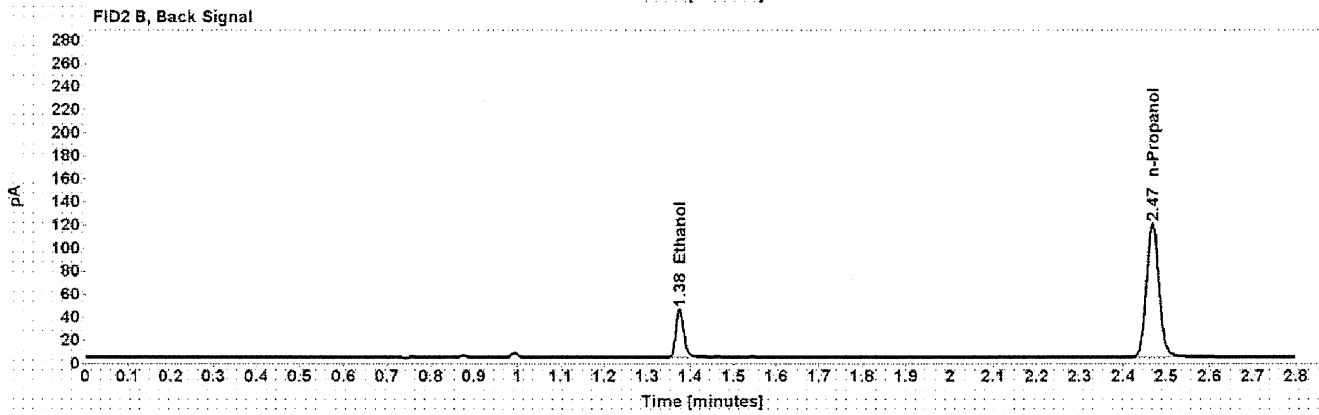
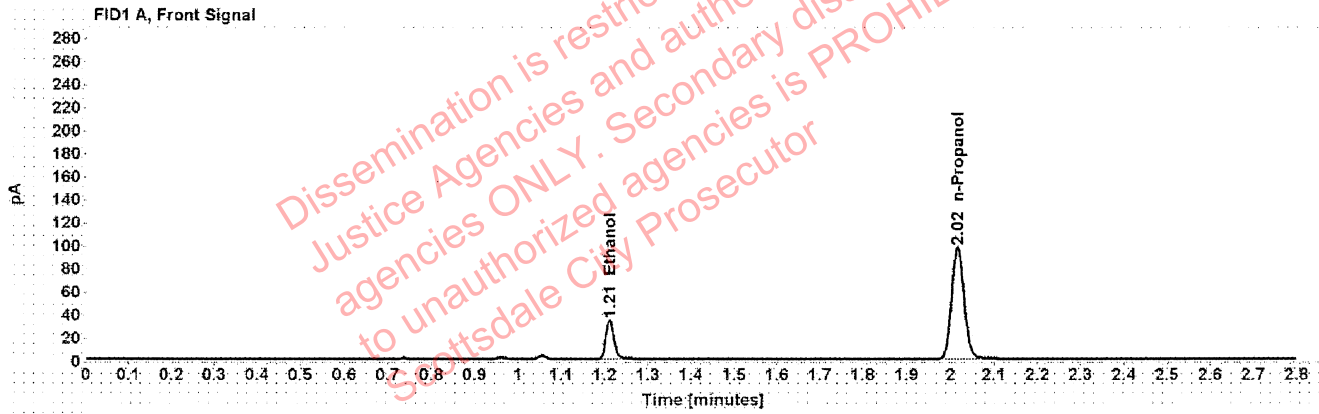


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.0629 | 1.211 | 42.529 |
| n-Propanol | ----- | 2.016 | 192.671 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 53.451 |
| n-Propanol | 2.468 | 236.026 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1297304 | Vial: | 40 |
| Description: | | LIMS ID: | |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 1:42:52 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\40.D | Analyst: | Abbott |

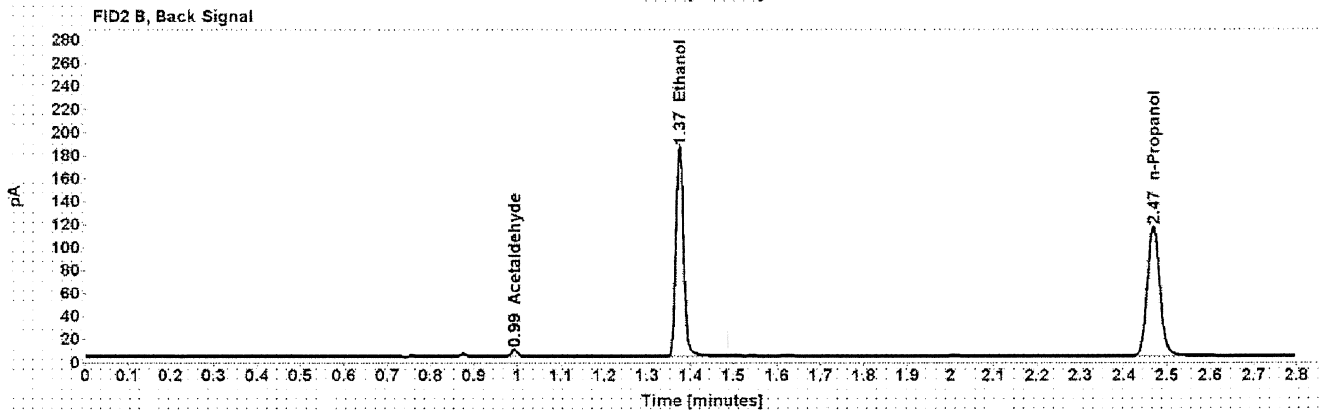
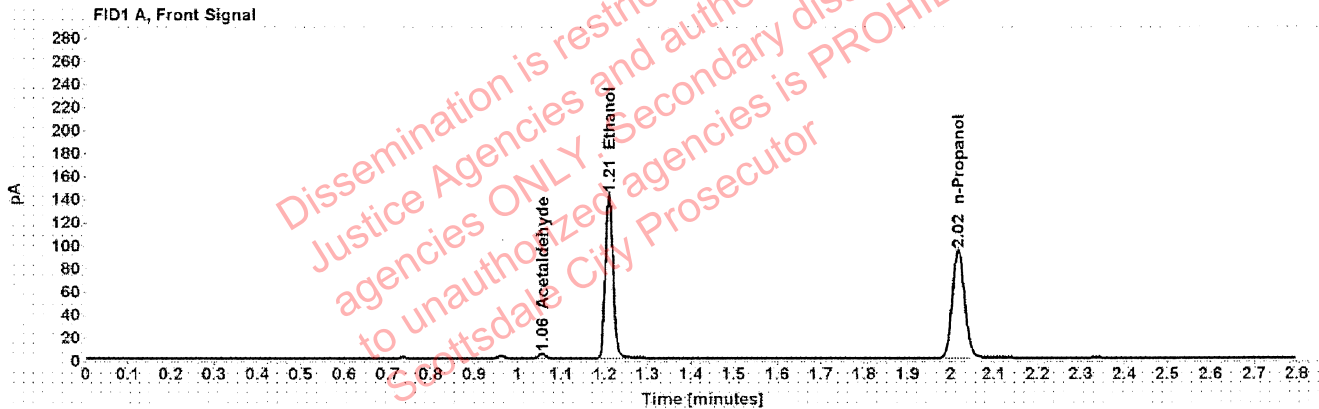


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.056 | 4.263 |
| >Ethanol | 0.2735 | 1.210 | 180.870 |
| n-Propanol | ----- | 2.017 | 186.993 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.993 | 5.580 |
| Ethanol | 1.375 | 227.450 |
| n-Propanol | 2.468 | 230.400 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1297304 | Vial: | 41 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 1:46:53 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\41.D | Analyst: | Abbott |

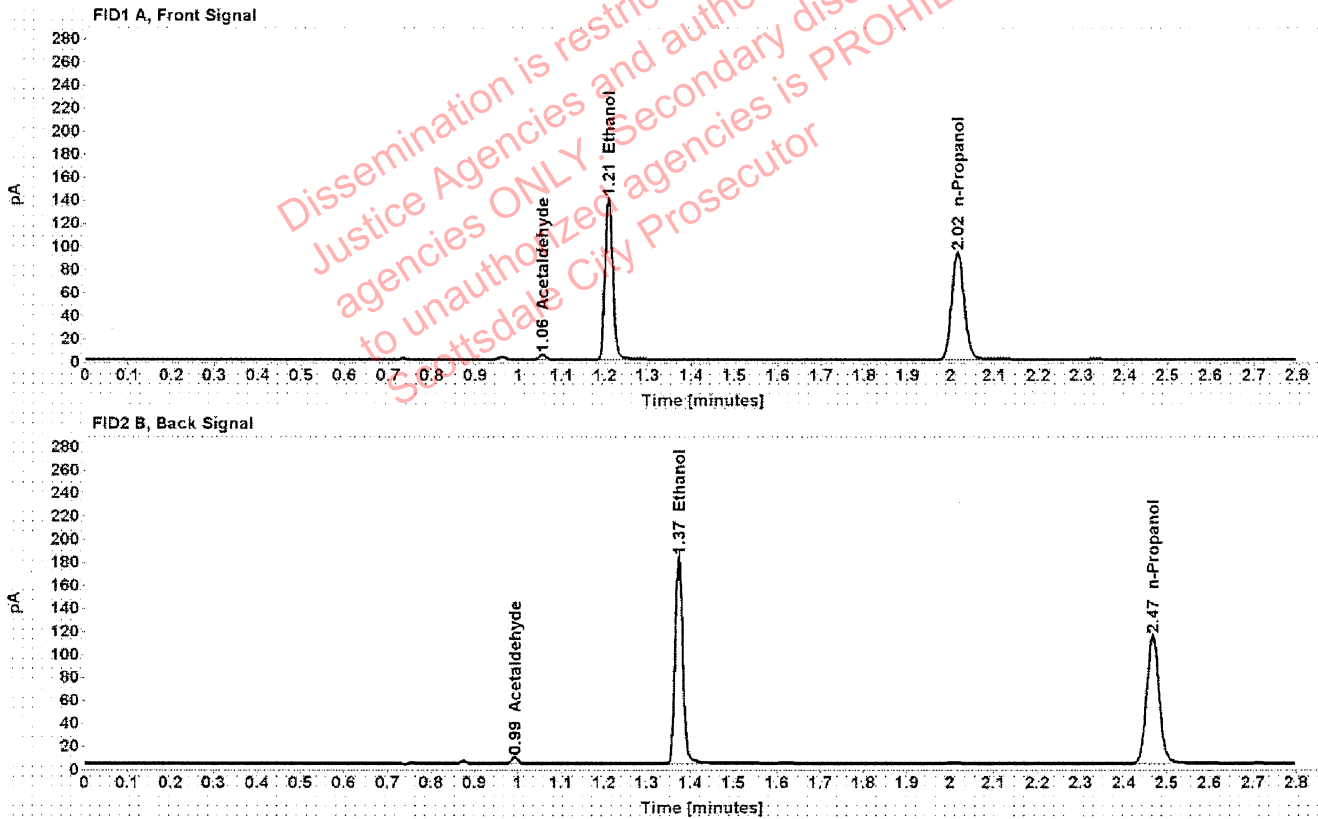


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.055 | 4.236 |
| >Ethanol | 0.2722 | 1.209 | 178.214 |
| n-Propanol | ----- | 2.016 | 185.096 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.992 | 5.602 |
| Ethanol | 1.373 | 224.144 |
| n-Propanol | 2.467 | 228.191 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1348374 | Vial: | 43 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 1:55:08 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\43.D | Analyst: | Abbott |

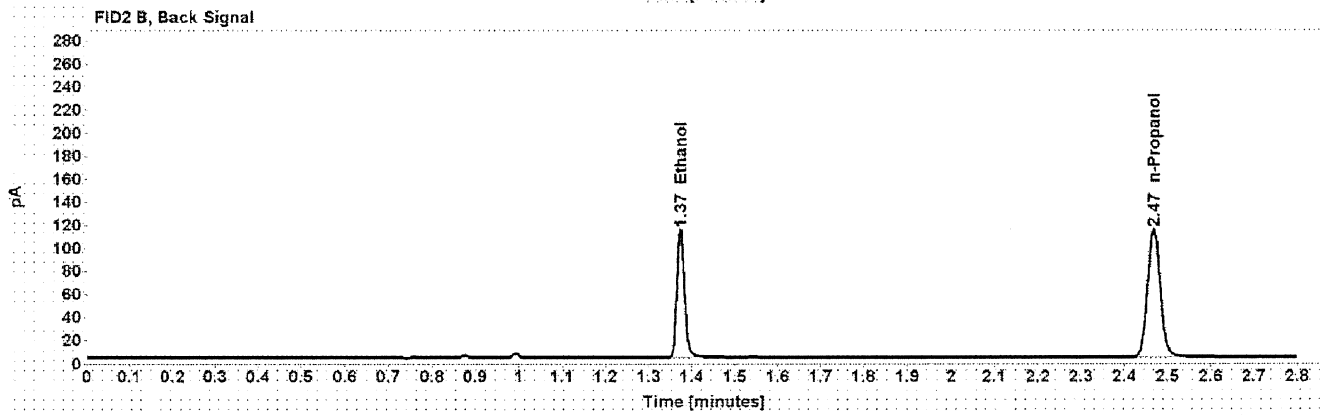
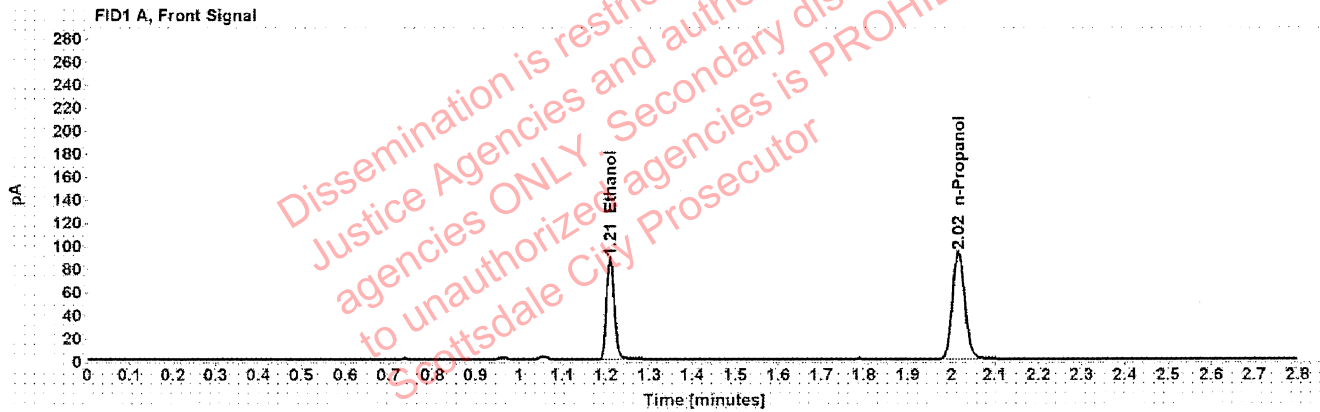


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1703 | 1.210 | 111.287 |
| n-Propanol | ----- | 2.016 | 185.053 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.374 | 137.959 |
| n-Propanol | 2.467 | 226.961 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1348374 | Vial: | 44 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 1:59:10 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\44.D | Analyst: | Abbott |

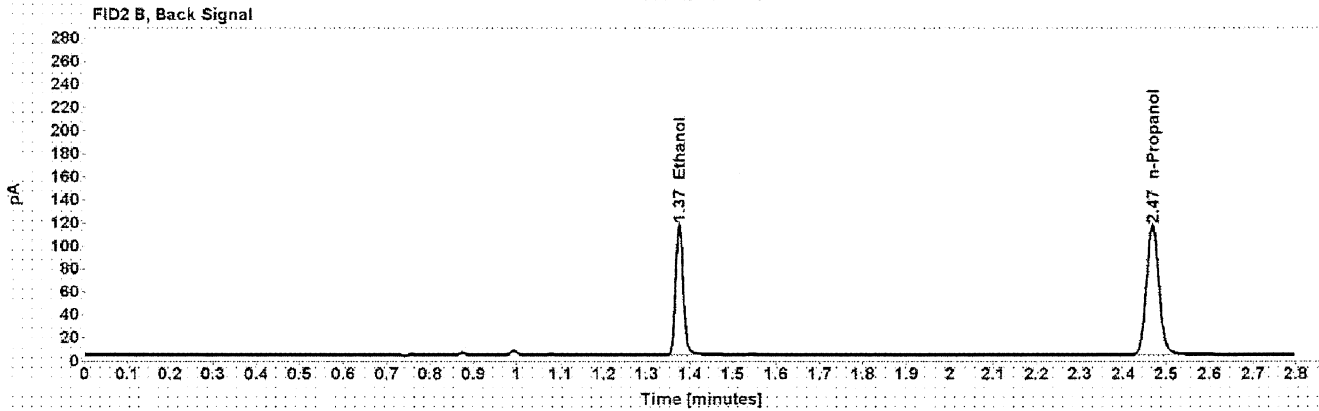
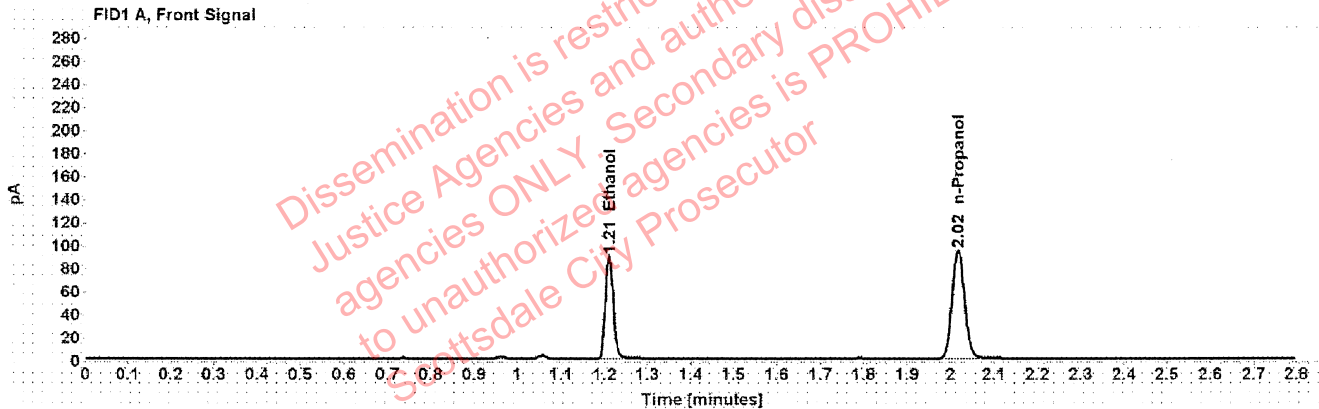


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1708 | 1.210 | 113.455 |
| n-Propanol | ----- | 2.017 | 188.031 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 140.874 |
| n-Propanol | 2.468 | 230.526 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1348542 | Vial: | 45 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 2:03:09 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\45.D | Analyst: | Abbott |

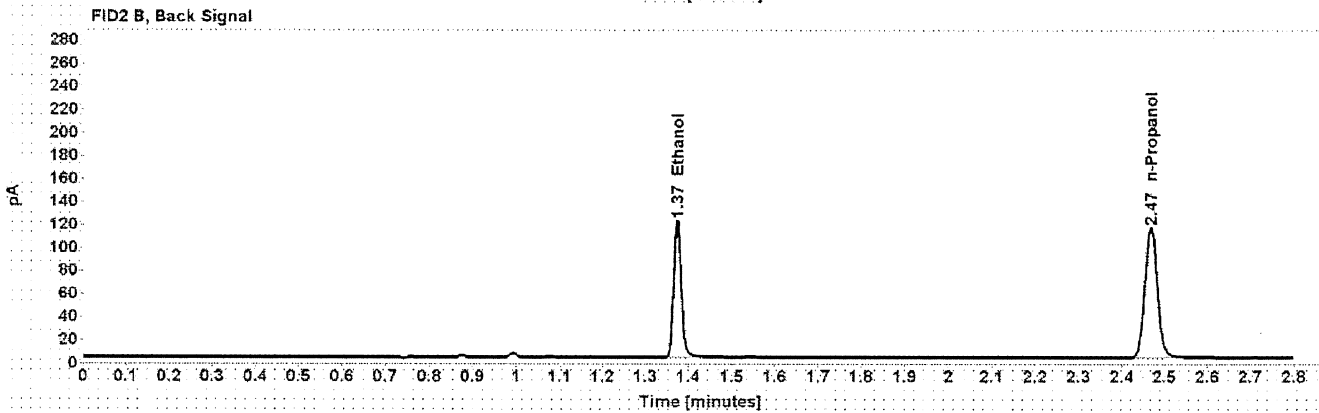
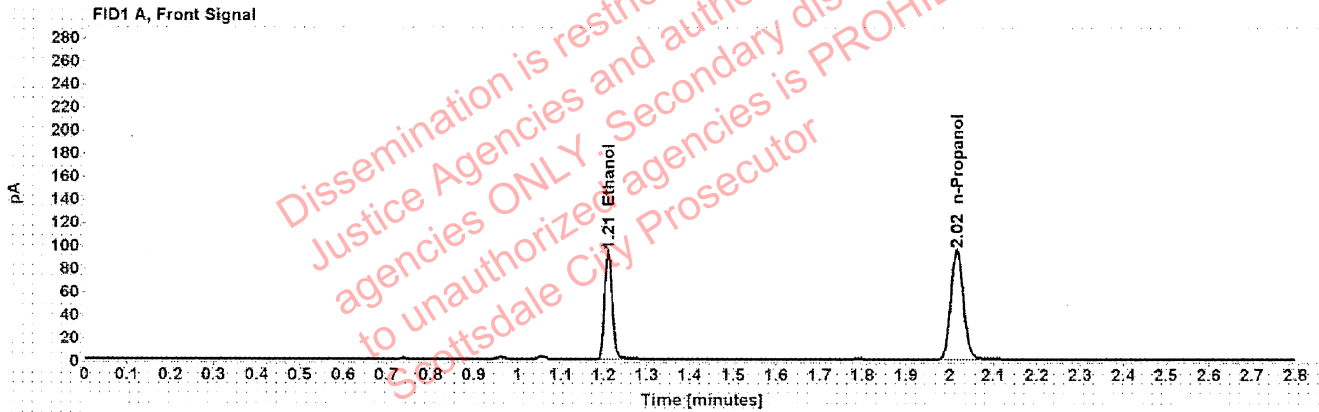


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1777 | 1.210 | 118.723 |
| n-Propanol | ----- | 2.016 | 189.093 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.374 | 147.897 |
| n-Propanol | 2.468 | 231.497 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1348542 | Vial: | 46 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 2:07:10 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\46.D | Analyst: | Abbott |

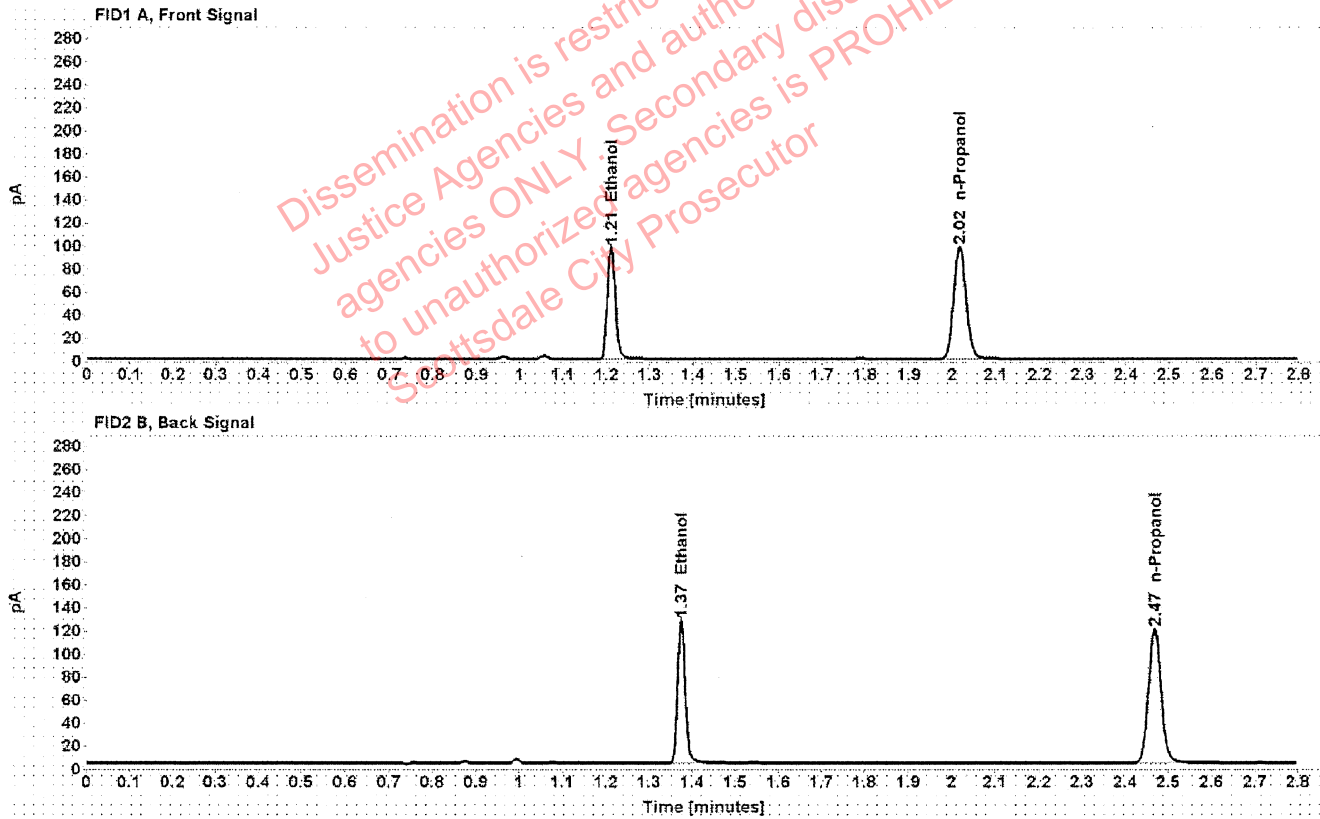


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1805 | 1.210 | 123.955 |
| n-Propanol | ----- | 2.017 | 194.420 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 154.112 |
| n-Propanol | 2.468 | 238.058 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1348534 | Vial: | 47 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 2:11:08 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\47.D | Analyst: | Abbott |

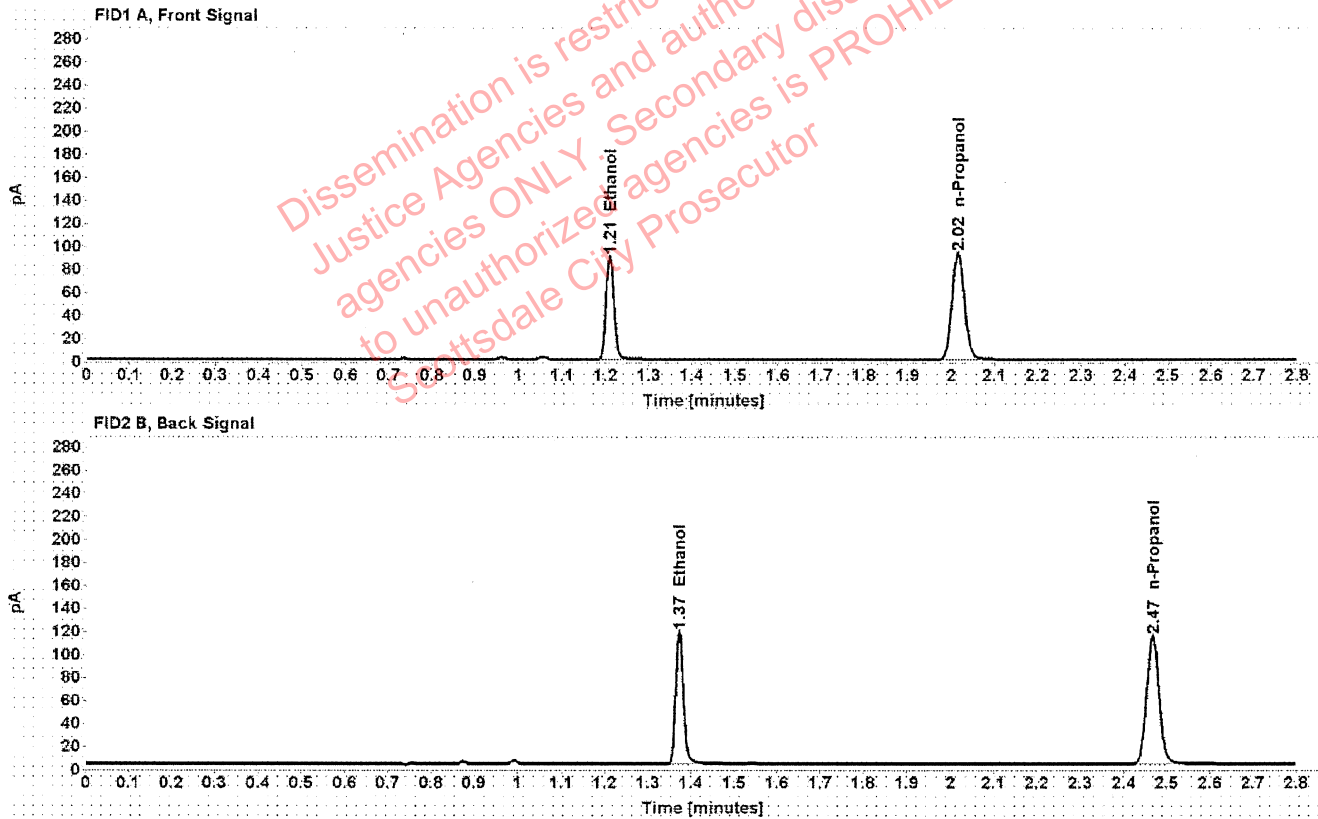


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1753 | 1.209 | 114.715 |
| n-Propanol | ----- | 2.016 | 185.211 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.373 | 142.906 |
| n-Propanol | 2.467 | 226.927 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1348534 | Vial: | 48 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 2:15:09 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\48.D | Analyst: | Abbott |

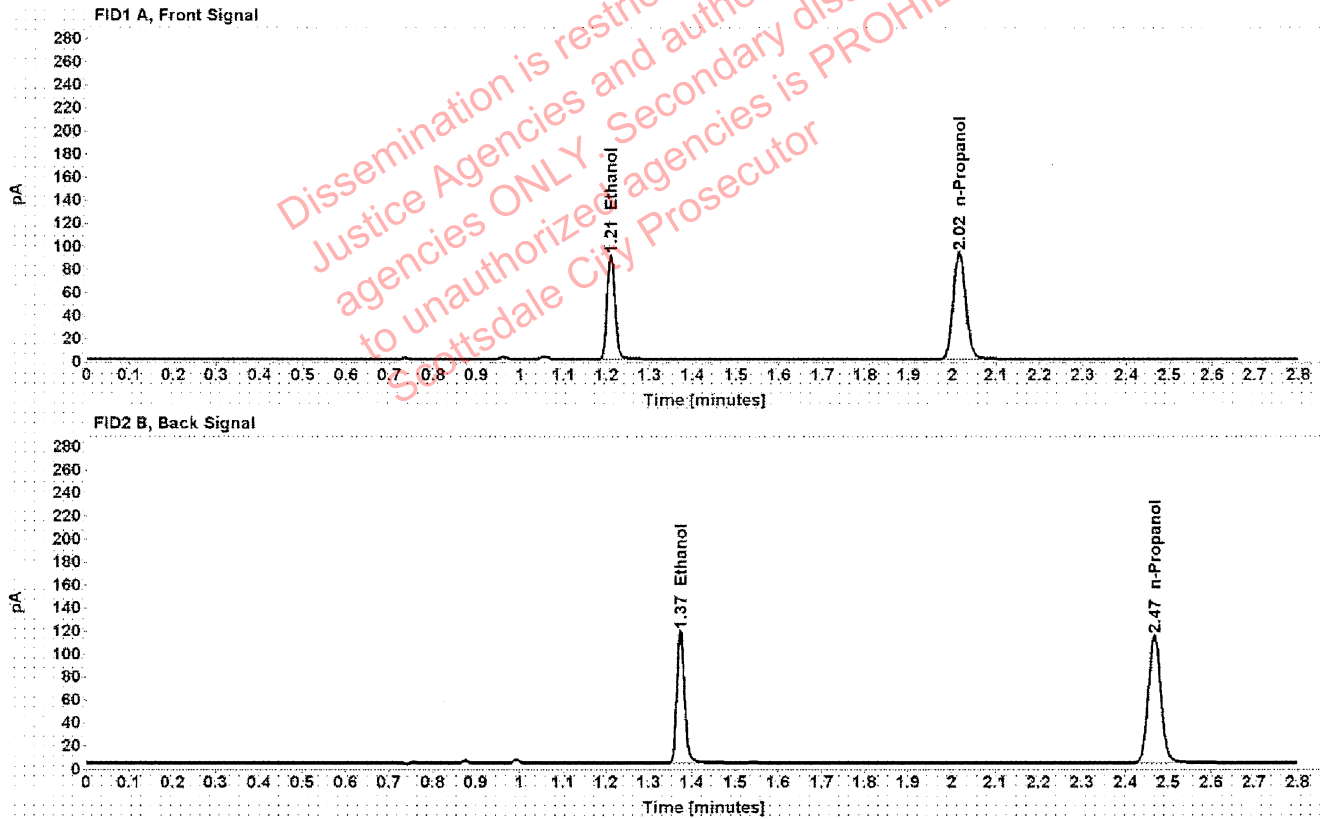


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1758 | 1.210 | 114.975 |
| n-Propanol | ----- | 2.016 | 185.107 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.374 | 143.269 |
| n-Propanol | 2.467 | 226.547 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1348356 | Vial: | 49 |
| Description: | [REDACTED] | LIMS ID: | [REDACTED] |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 2:19:23 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\49.D | Analyst: | Abbott |

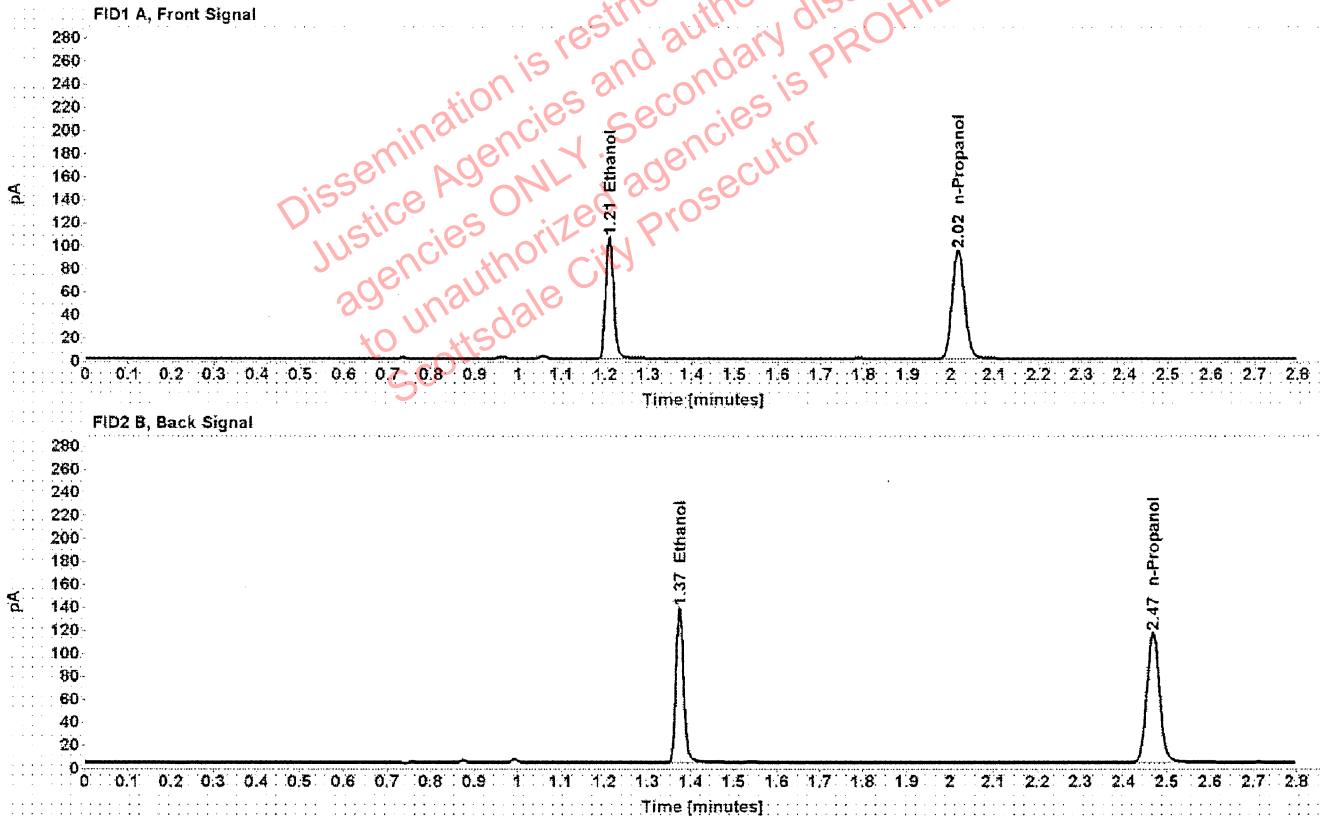


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.2019 | 1.210 | 134.423 |
| n-Propanol | ----- | 2.016 | 188.425 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.374 | 167.826 |
| n-Propanol | 2.468 | 231.051 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|--------------|-------------------------------|-----------------|----------------------|
| Sample: | 1348356 | Vial: | 50 |
| Description: | | LIMS ID: | |
| Method: | ethanol quant.M | Sequence: | 02Dec20 |
| Instrument: | US14173023 CN14160045 | Injection date: | 12/2/2020 2:23:23 PM |
| Data file: | C:\Chem32\1\Data\02Dec20\50.D | Analyst: | Abbott |

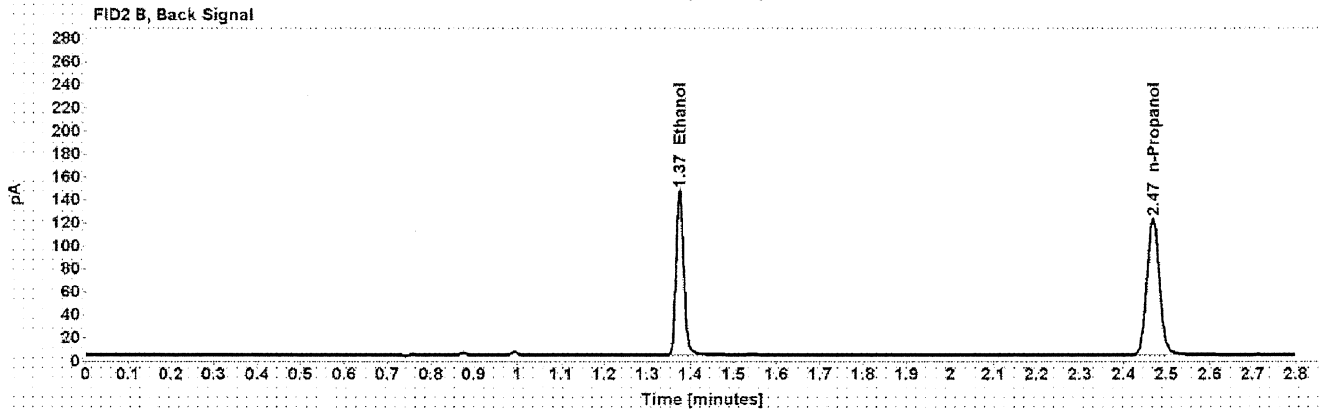
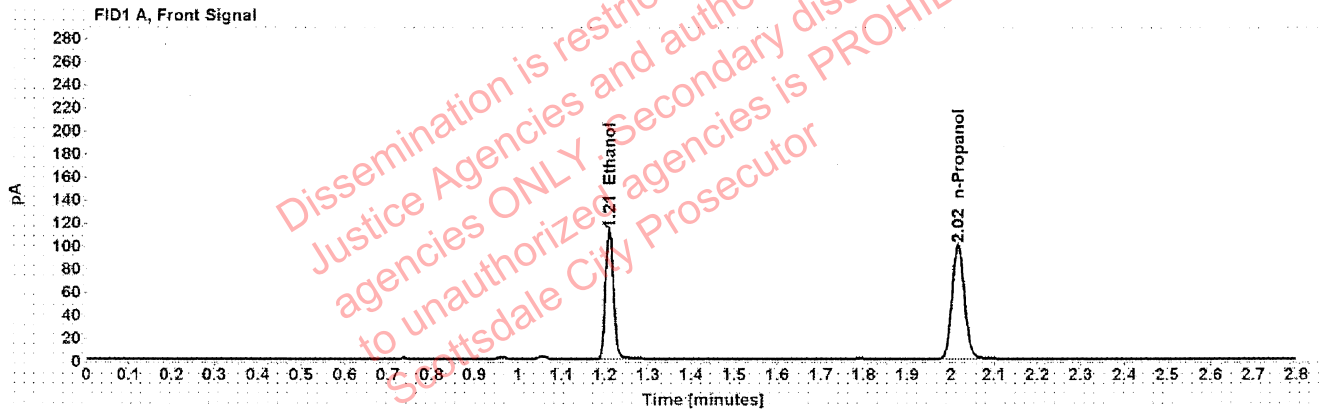


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.2043 | 1.210 | 142.924 |
| n-Propanol | ----- | 2.016 | 197.975 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.375 | 178.516 |
| n-Propanol | 2.468 | 242.786 |