

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 3/13/2018 SEQUENCE NAME 13Mar18

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

| | | | |
|--------|-----------------|-----------------------|--|
| Vial 1 | 0.02 calibrator | Lot <u>FN03241604</u> | Coefficient of determination (r^2) |
| Vial 2 | 0.10 calibrator | Lot <u>FN06181501</u> | <u>0.99999</u> |
| Vial 3 | 0.20 calibrator | Lot <u>FN07201502</u> | |
| Vial 4 | 0.40 calibrator | Lot <u>FN11191402</u> | |

CALIBRATION VERIFICATION AND RESOLUTION TEST

| Vial | Sample | Expected result | Measured result | Manufacturer/lot |
|------|-------------------|-----------------|-----------------|--------------------|
| 5 | Blank | Not detected | Not detected | SPD lab 010318 |
| 6 | Volatiles mixture | 6 compounds | 6 compounds | SPD lab 020917WLA |
| 7 | Aqueous control | 0.400 g/dL | 0.400 g/dL | Lipomed 08012015-C |
| 8 | Aqueous control | 0.040 g/dL | 0.040 g/dL | Lipomed 09022015-A |
| 9 | Blood control | 0.198 g/dL | 0.199 g/dL | ACQ 407041529/3 |
| 20 | Aqueous control | 0.080 g/dL | 0.080 g/dL | Lipomed 28082014-B |
| 31 | Aqueous control | 0.150 g/dL | 0.154 g/dL | Lipomed 09022015-C |
| 42 | Blood control | 0.198 g/dL | 0.200 g/dL | ACQ 407041529/3 |
| 51 | Aqueous control | 0.400 g/dL | 0.408 g/dL | Lipomed 08012015-C |
| 52 | Aqueous control | 0.040 g/dL | 0.040 g/dL | Lipomed 09022015-A |
| 53 | Blood control | 0.198 g/dL | 0.204 g/dL | ACQ 407041529/3 |
| 54 | Blank | Not detected | Not detected | SPD lab 010318 |

SUBJECT SAMPLES

Subjects in the sequence 19 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid
 Run invalid W.A. B1570 3/14/18
 Analyst

Run valid
 Run invalid M. Ramos B1466 3/14/18
 Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

SEQUENCE NAME: 13Mar18

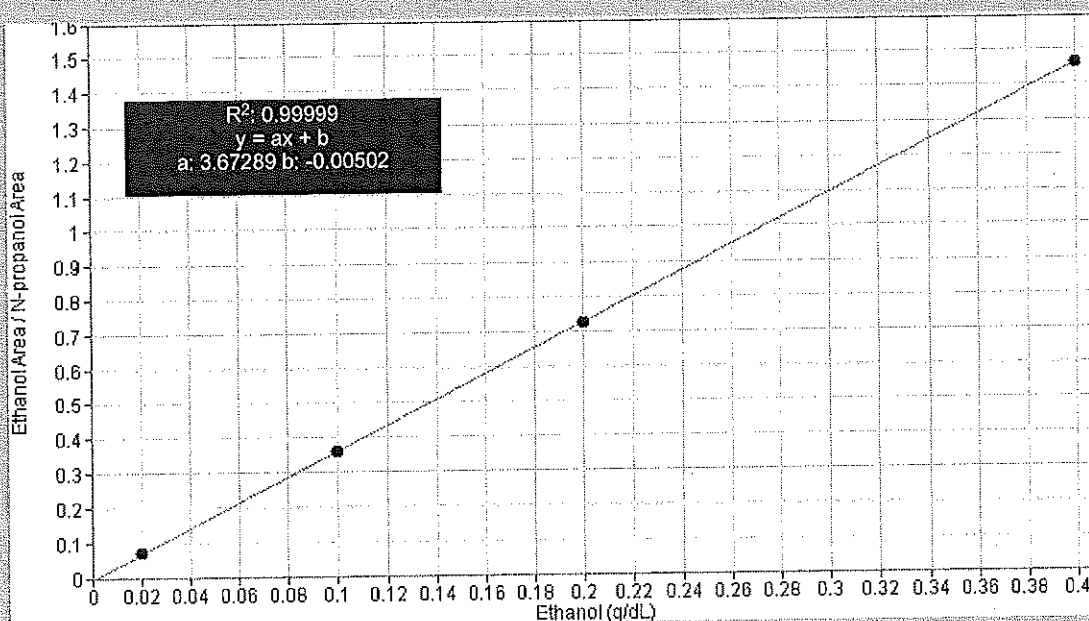
ANALYST: Adrian

WA

| Sample Name | Vial | Measured Value (g/dL) | Expected Value (g/dL) | Percent Difference | Absolute Difference (g/dL) |
|--------------------------|------|-----------------------|-----------------------|--------------------|----------------------------|
| blank 010318 | 5 | negative | negative | - | - |
| 0.400 Lipomed 08012015-C | 7 | 0.400 | 0.400 | 0.00 | 0.000 |
| 0.040 Lipomed 09022015-A | 8 | 0.040 | 0.040 | 0.00 | 0.000 |
| 0.198 ACQ 407041529/3 | 9 | 0.199 | 0.198 | 0.51 | 0.001 |
| 0.080 Lipomed 28082014-B | 20 | 0.080 | 0.080 | 0.00 | 0.000 |
| 0.150 Lipomed 09022015-C | 31 | 0.154 | 0.150 | 2.67 | 0.004 |
| 0.198 ACQ 407041529/3 | 42 | 0.200 | 0.198 | 1.01 | 0.002 |
| 0.40 Lipomed 08012015-C | 51 | 0.408 | 0.400 | 2.00 | 0.008 |
| 0.04 Lipomed 09022015-A | 52 | 0.040 | 0.040 | 0.00 | 0.000 |
| 0.198 ACQ 407041529/3 | 53 | 0.204 | 0.198 | 3.03 | 0.006 |
| blank 010318 | 54 | negative | negative | - | - |

| Calibrator | Ethanol Area | N-propanol Area | Ratio |
|------------|--------------|-----------------|-------|
| 0.020 | 12.202 | 172.867 | 0.071 |
| 0.100 | 63.161 | 174.967 | 0.361 |
| 0.200 | 124.270 | 170.838 | 0.727 |
| 0.400 | 251.962 | 171.938 | 1.465 |

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

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Scottsdale City Prosecutor

WA

| | |
|---|-------------------|
| Sample: 0.020 Cerilliant FN03241604 | Item number: |
| Injection date: 3/13/2018 10:30:07 AM | Vial: 1 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023 CN14160045 | Analyst: Adrian |
| Data file: C:\Chem32\1\Data\13Mar18\1.D | |

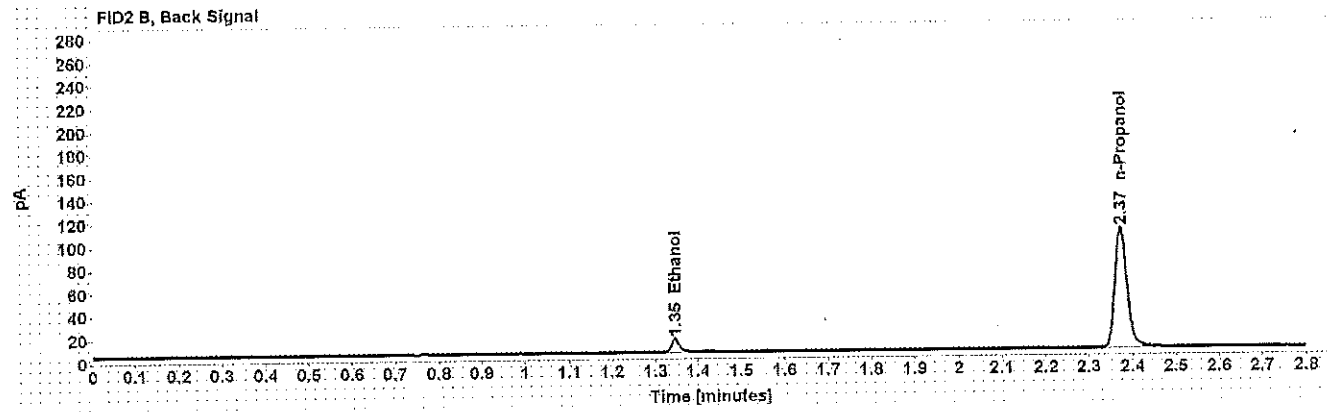
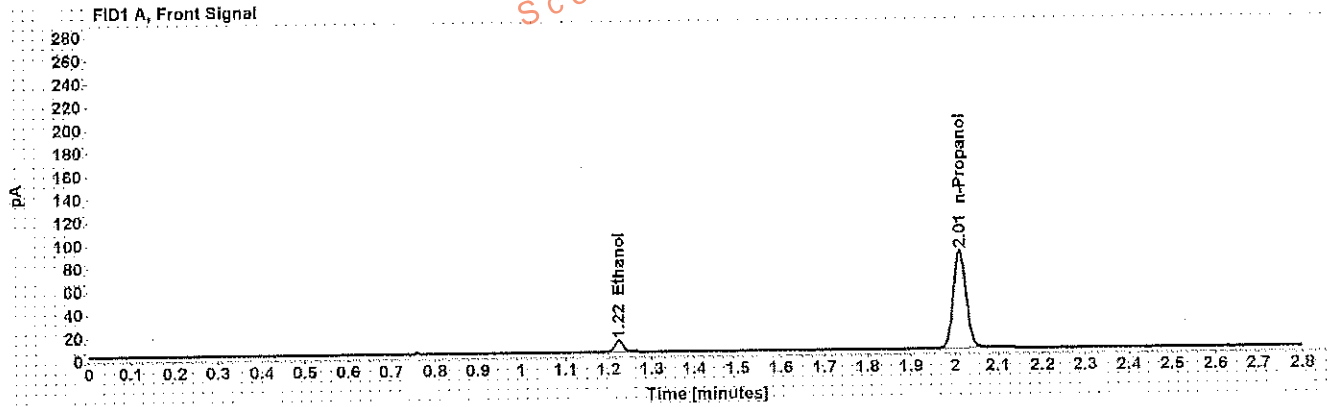


Table 1: FID 1 A (column DB-ALC1)

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.224 | 12.202 |
| n-Propanol | 2.012 | 172.867 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.346 | 14.108 |
| n-Propanol | 2.374 | 200.212 |

Scottsdale Police Department Crime Lab Volatiles Analysis

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|---|--------------------------|
| Sample: 0.100 Cerilliant FN06181501 | Item number: |
| Injection date: 3/13/2018 10:34:07 AM | Vial: 2 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023 CN14160045 | Analyst: Adrian |
| Data file: C:\Chem321\Datat13Mar18\2.D | |

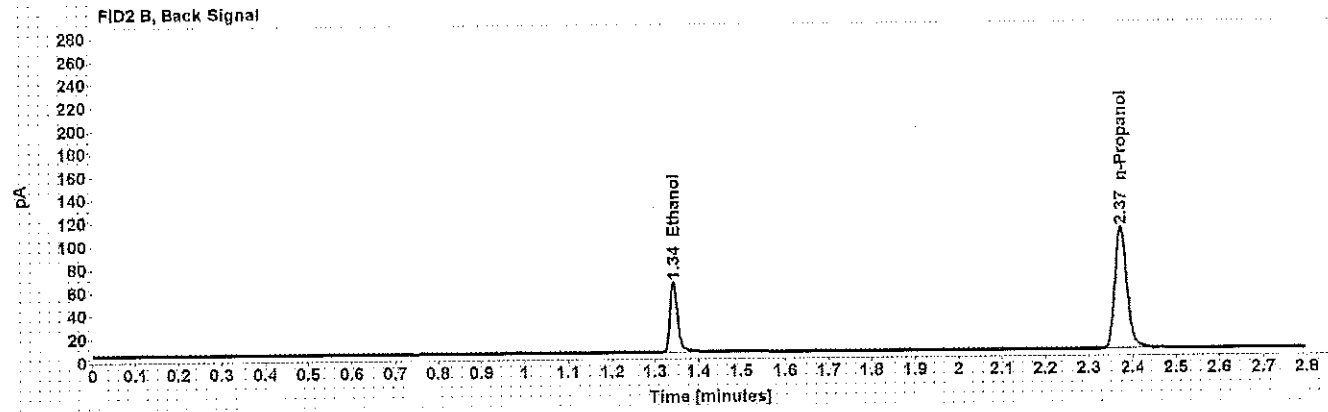
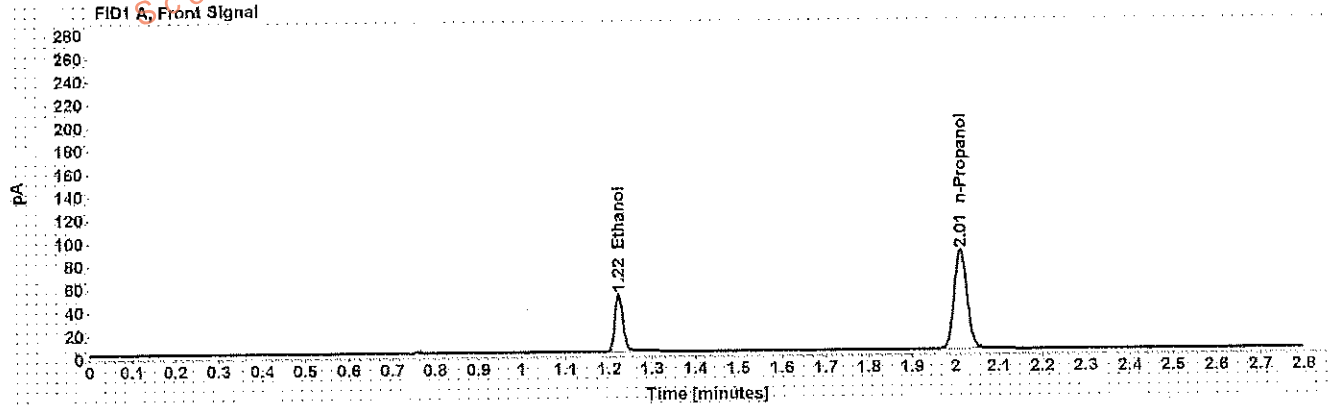


Table 1: FID 1 A (column DB-ALC1)

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.222 | 63.161 |
| n-Propanol | 2.011 | 174.967 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.342 | 74.633 |
| n-Propanol | 2.373 | 202.753 |

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

| | |
|---|--------------------------|
| Sample: 0.200 Cerilliant FN07201502 | Item number: |
| Injection date: 3/13/2018 10:38:07 AM | Vial: 3 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023 CN14160045 | Analyst: Adrian |
| Data file: C:\Chem321\Data\13Mar18\3.D | |

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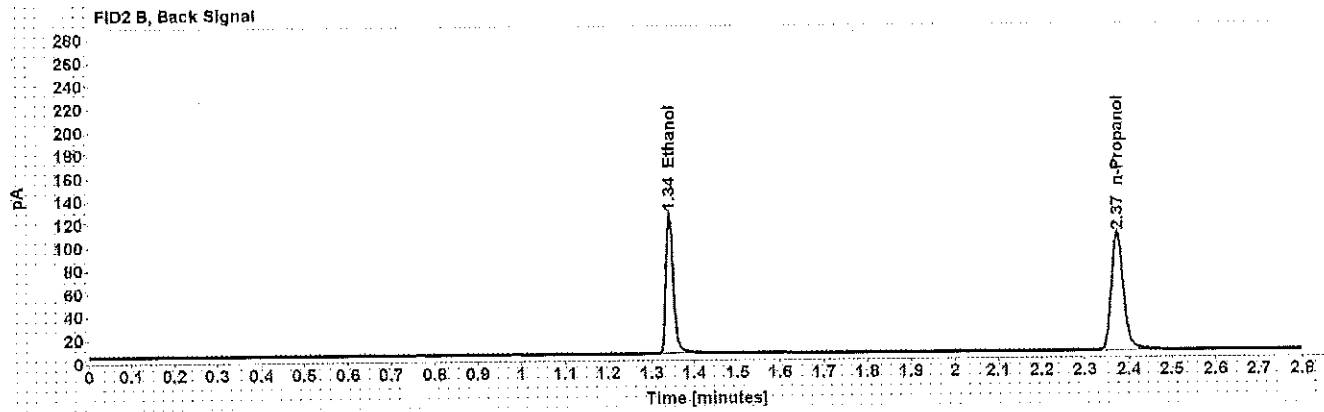
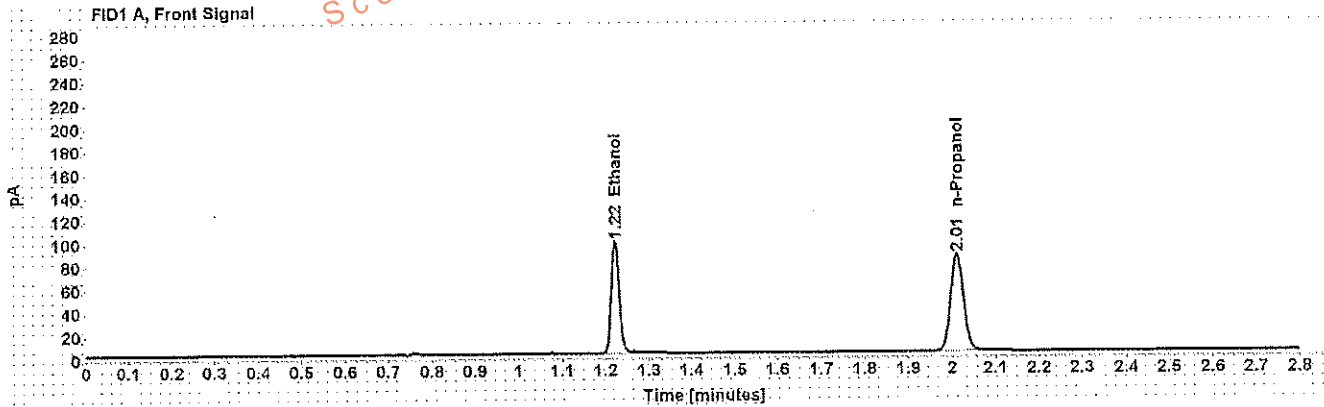


Table 1: FID 1 A (column DB-ALC1)

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.222 | 124.270 |
| n-Propanol | 2.012 | 170.838 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.342 | 147.676 |
| n-Propanol | 2.373 | 198.140 |

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

| | |
|---|-------------------|
| Sample: 0.400 Cerilliant FN11191402 | Item number: |
| Injection date: 3/13/2018 10:42:07 AM | Vial: 4 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023 CN14160045 | Analyst: Adrian |
| Data file: C:\Chem32\1\Data\13Mar18\4.D | |

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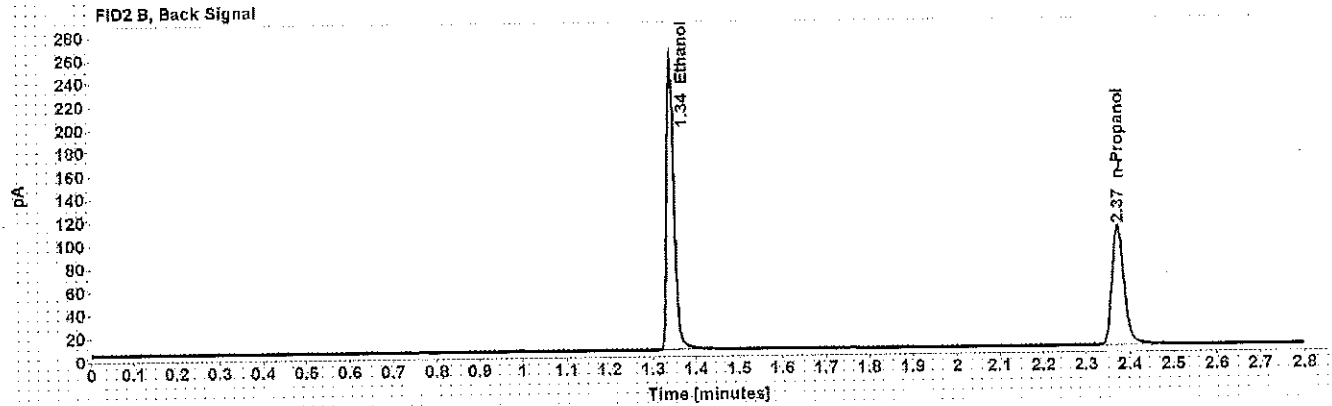
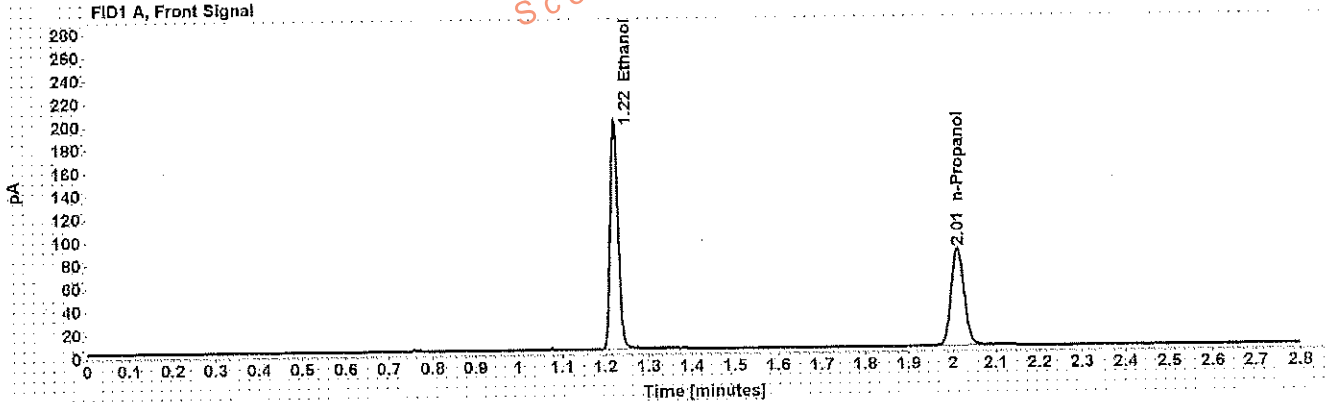


Table 1: FID 1 A (column DB-ALC1)

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.222 | 251.962 |
| n-Propanol | 2.012 | 171.938 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.342 | 301.022 |
| n-Propanol | 2.374 | 199.685 |

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

| | |
|---|---|
| Sample: blank 010318 Injection date: 3/13/2018 10:46:08 AM Method: ethanol quant.M Instrument: US14173023 CN14160045 Data file: C:\Chem3211\Data\13Mar18\5.D | Item number: Vial: 5 Sequence: 13Mar18 Analyst: Adrian |
|---|---|

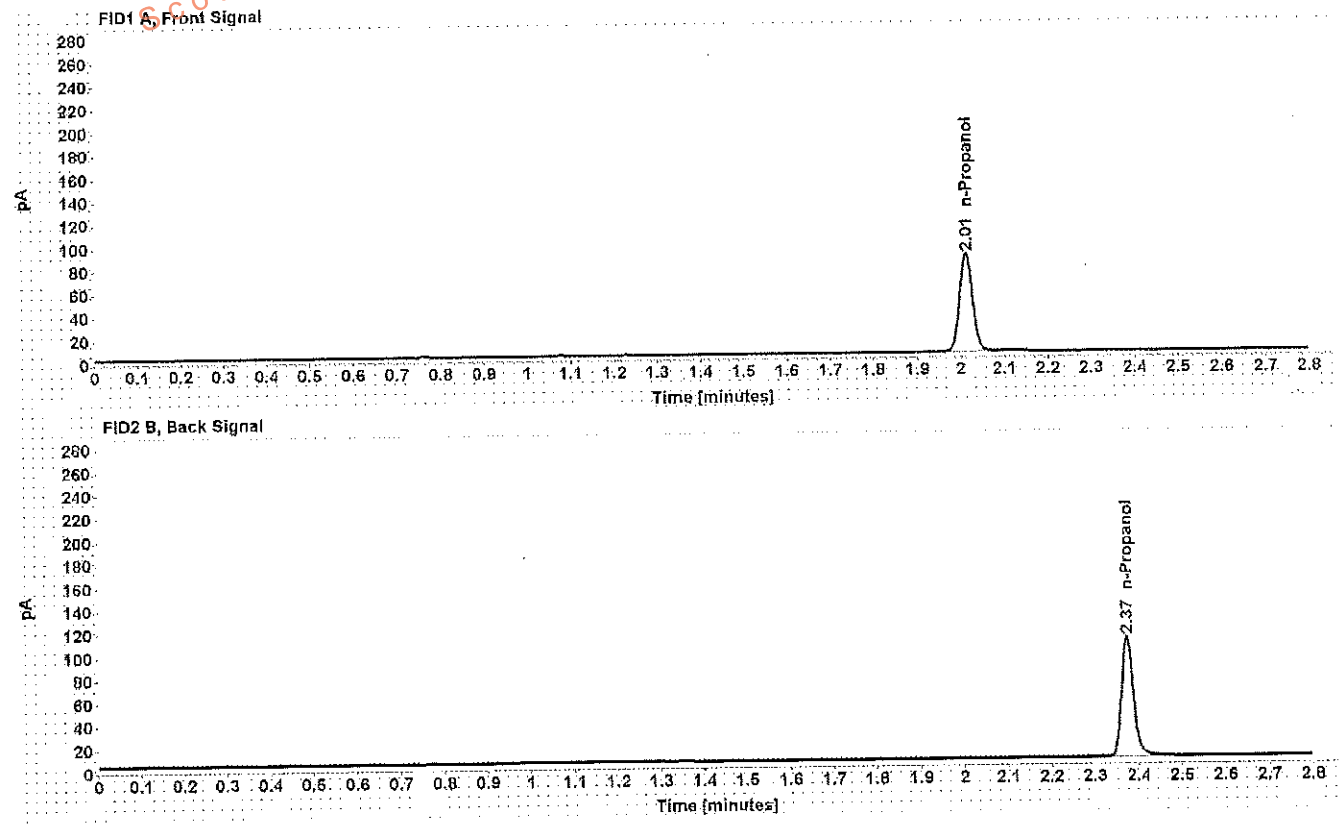


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | ----- | 2.012 | 173.509 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.373 | 200.735 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|--------------------------|
| Sample: volatiles mix 020917 WLA | Item number: WA |
| Injection date: 3/13/2018 10:50:08 AM | Vial: 6 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023 CN14160045 | Analyst: Adrian |
| Data file: C:\Chem3211\Data\13Mar18\6.D | |

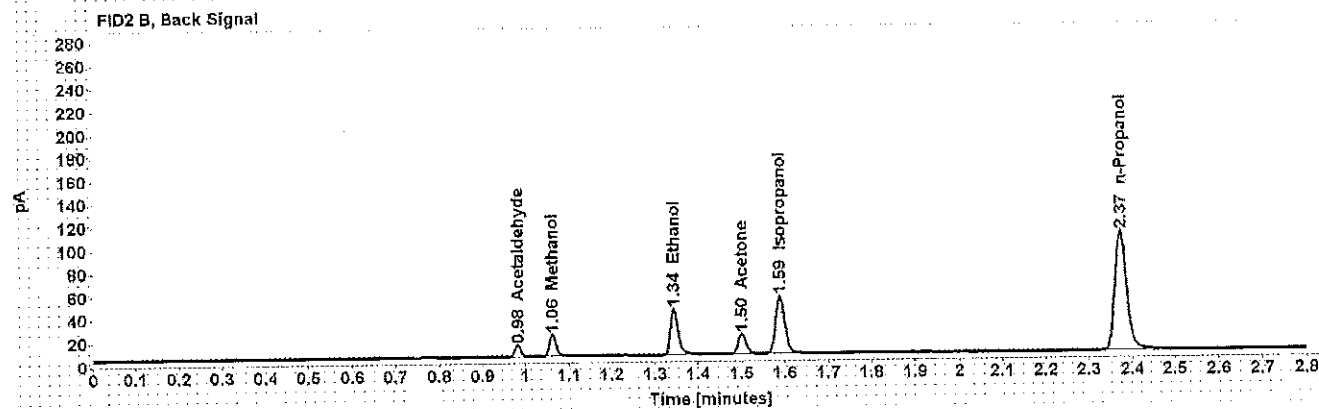
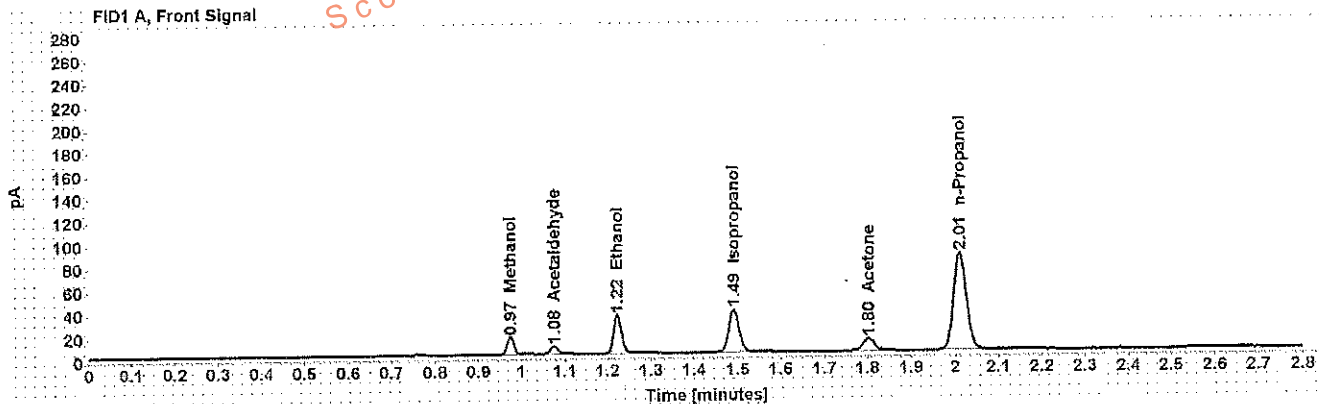


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Methanol | ----- | 0.975 | 16.475 |
| Acetaldehyde | ----- | 1.076 | 7.269 |
| >Ethanol | 0.0678 | 1.223 | 41.943 |
| Isopropanol | ----- | 1.491 | 60.523 |
| Acetone | ----- | 1.802 | 18.811 |
| n-Propanol | ----- | 2.012 | 171.768 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.983 | 9.097 |
| Methanol | 1.063 | 19.772 |
| Ethanol | 1.343 | 48.820 |
| Acetone | 1.501 | 21.387 |
| Isopropanol | 1.589 | 72.267 |
| n-Propanol | 2.373 | 198.871 |

Scottsdale Police Department Crime Lab Volatiles Analysis

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| | |
|---|-------------------|
| Sample: 0.400 Lipomed 08012015-C | Item number: |
| Injection date: 3/13/2018 10:54:22 AM | Vial: 7 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023 CN14160045 | Analyst: Adrian |
| Data file: C:\Chem32\1\Data\13Mar18\7.D | |

LA

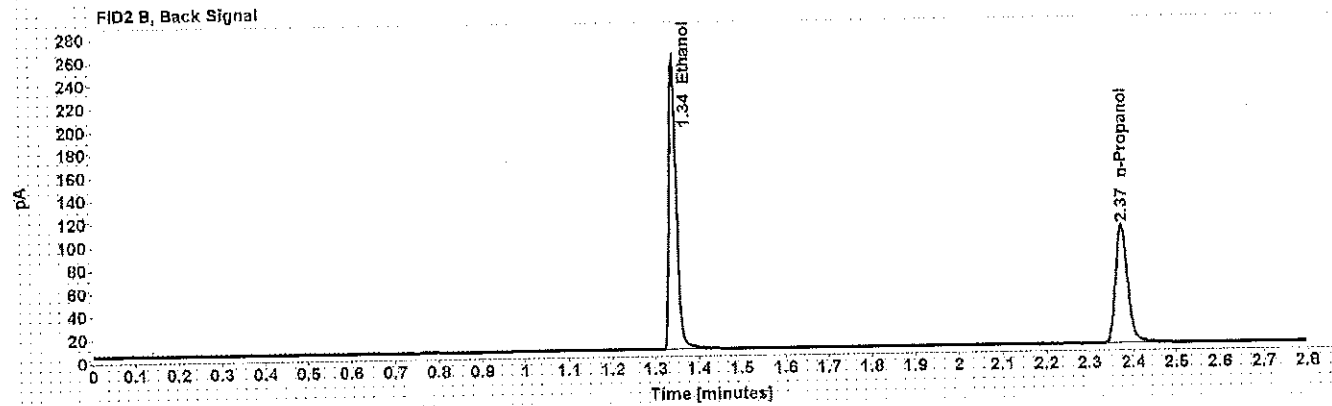
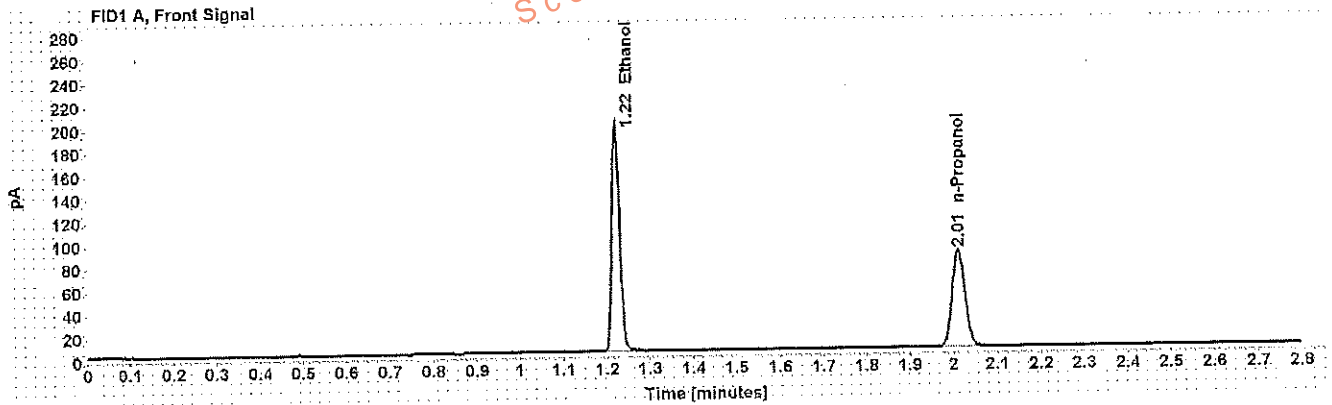


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.4004 | 1.222 | 251.260 |
| n-Propanol | ----- | 2.012 | 171.417 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.342 | 299.978 |
| n-Propanol | 2.373 | 198.877 |

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

| | |
|---|-------------------|
| Sample: 0.040 Lipomed 09022015-A | Item number: |
| Injection date: 3/13/2018 10:58:22 AM | Vial: 8 |
| Method: ethanol quant M | Sequence: 13Mar18 |
| Instrument: US14173023 CN14160045 | Analyst: Adrian |
| Data file: C:\Chem32\1\Data\13Mar18\8.D | |

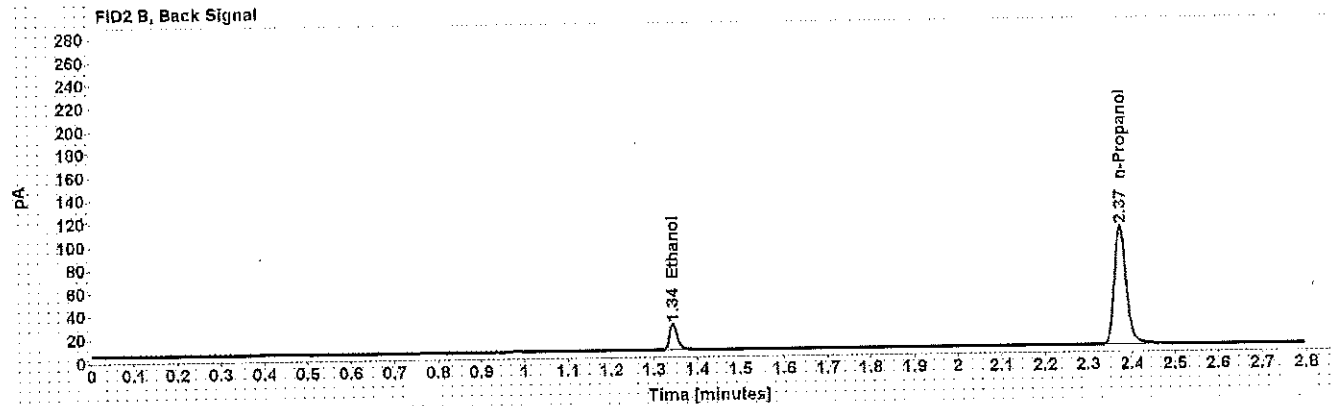
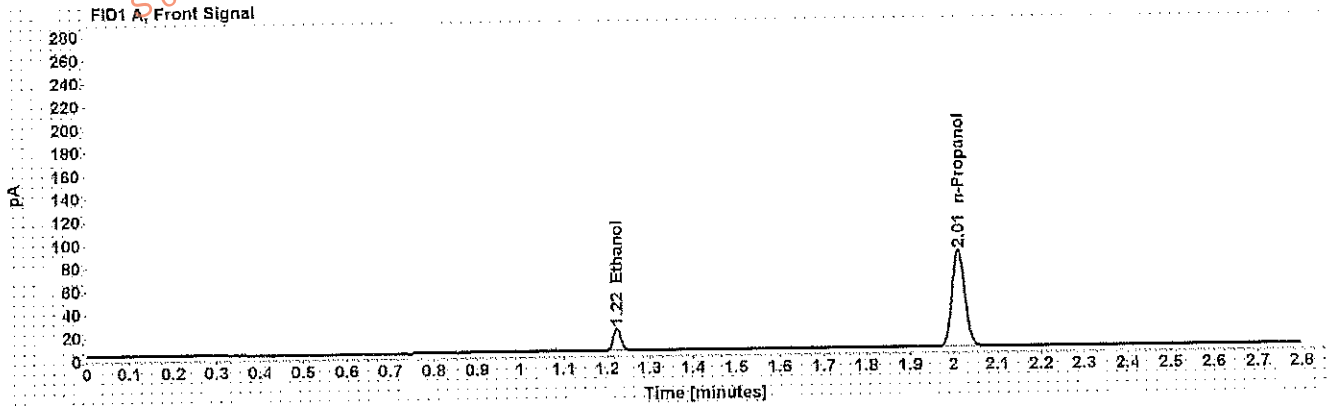


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.0401 | 1.223 | 24.347 |
| n-Propanol | ----- | 2.011 | 170.935 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.344 | 28.095 |
| n-Propanol | 2.373 | 197.859 |

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

| | |
|---|-------------------|
| Sample: 0.198 ACQ 407041529/3 | Item number: |
| Injection date: 3/13/2018 11:02:22 AM | Vial: 9 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023 CN14160045 | Analyst: Adrian |
| Data file: C:\Chem32\1\10Data\13Mar18\9.D | |

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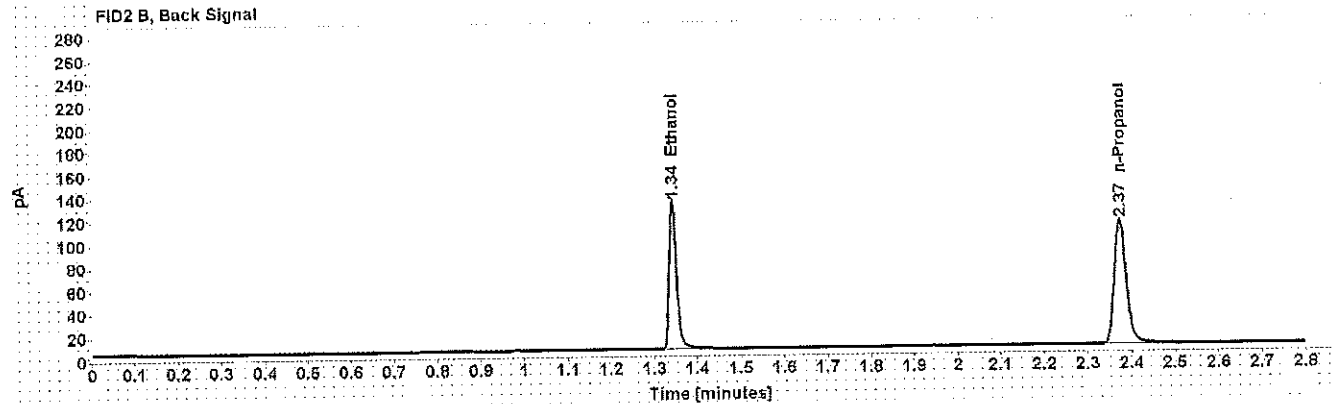
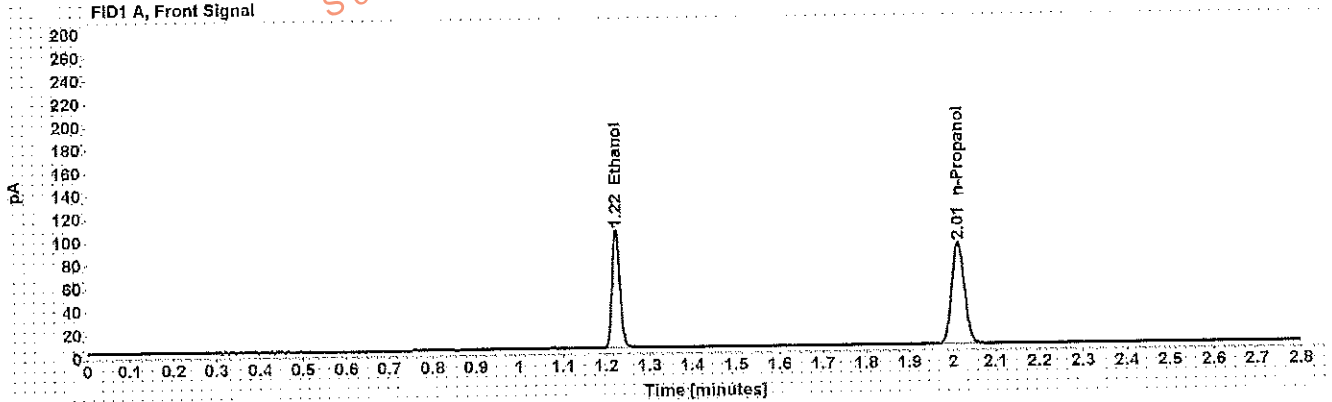


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1999 | 1.223 | 130.903 |
| n-Propanol | ----- | 2.012 | 179.485 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.343 | 154.928 |
| n-Propanol | 2.375 | 207.990 |

Scottsdale Police Department Crime Lab Volatiles Analysis

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| | |
|--|-------------------|
| Sample: 0.080 Lipomed 28082014-B | Item number: WA |
| Injection date: 3/13/2018 11:46:52 AM | Vial: 20 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023 CN14160045 | Analyst: Adrian |
| Data file: C:\Chem32\1\Data\13Mar18\20.D | |

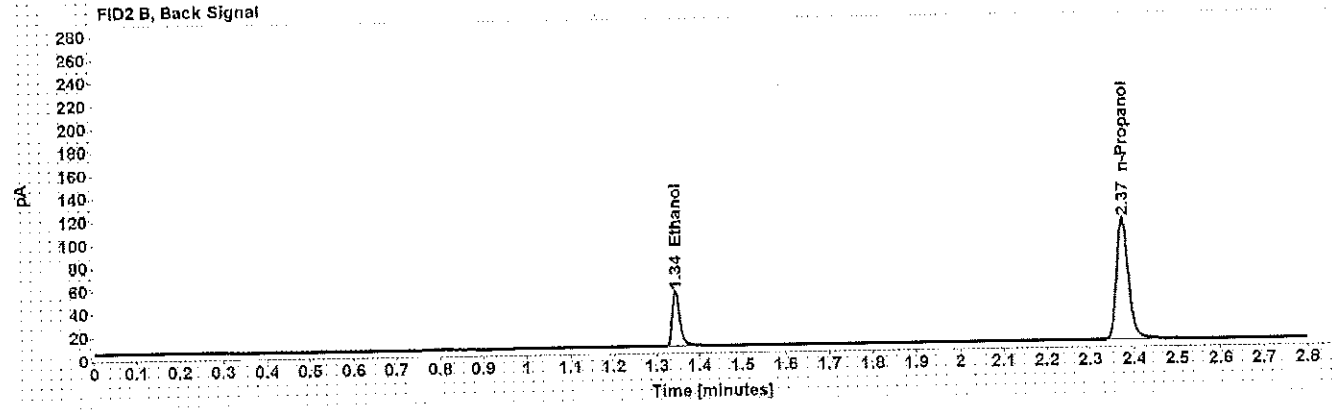
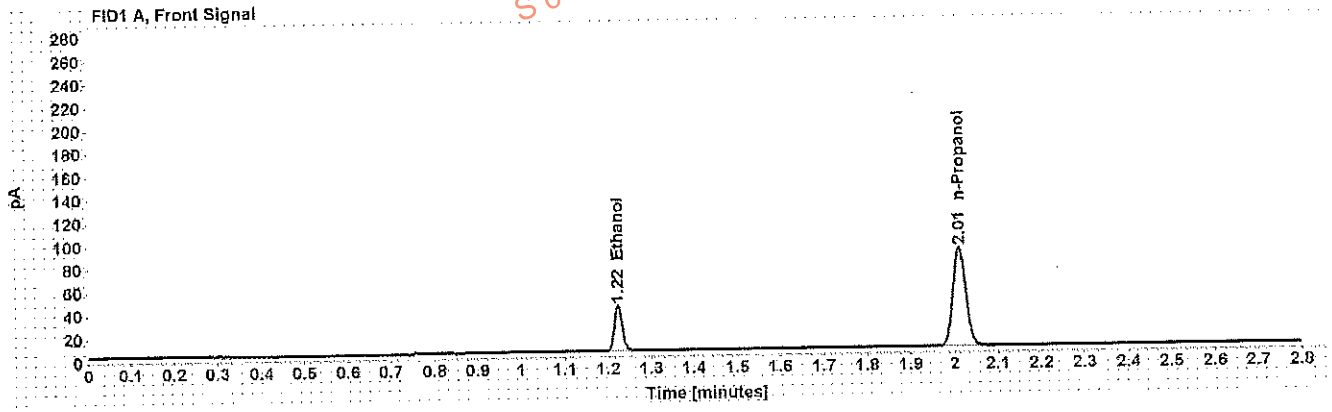


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|---------------------|---------------|--------------|
| >Ethanol | 0.0804 | 1.223 | 50.789 |
| n-Propanol | ----- | 2.012 | 175.018 |

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

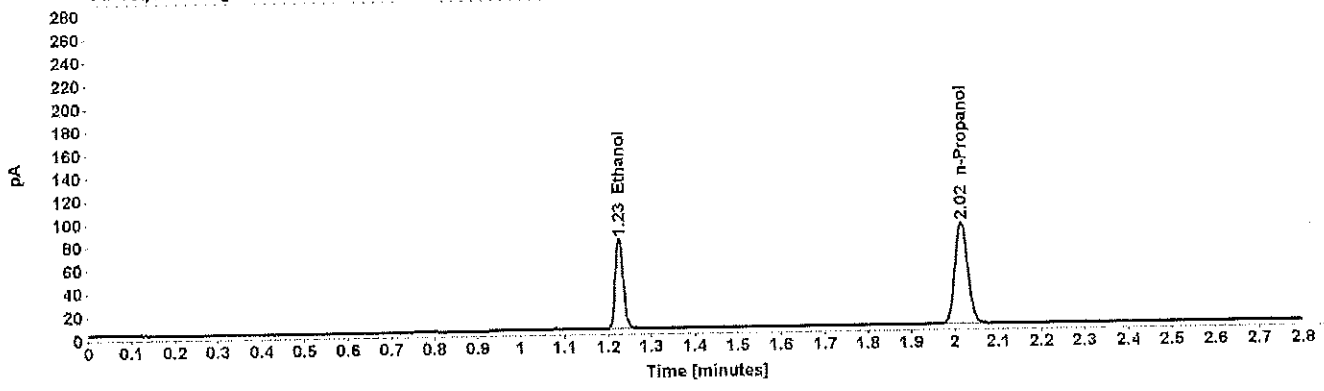
| Compound | Time (min) | Peak Area |
|------------|---------------|--------------|
| Ethanol | 1.344 | 59.815 |
| n-Propanol | 2.374 | 203.531 |

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

| | |
|---|-------------------|
| Sample: 0.150 Lipomed 09022015-C | Item number: |
| Injection date: 3/13/2018 12:31:22 PM | Vial: 31 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023 CN14160045 | Analyst: Adrian |
| Data file: C:\Chem321\Data\13Mar18\31.D | |

FID1 A, Front Signal



FID2 B, Back Signal

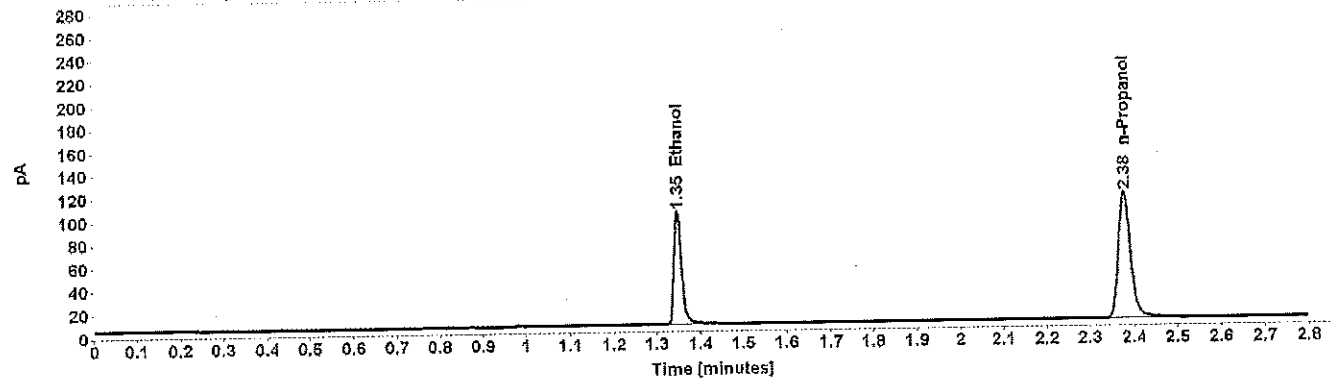


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1542 | 1.226 | 101.478 |
| n-Propanol | ----- | 2.015 | 180.725 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.348 | 120.433 |
| n-Propanol | 2.379 | 211.304 |

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

| | |
|--------------------------------------|-------------------|
| Sample: 0.198 ACQ 407041529/3 | Item number: |
| Injection date: 3/13/2018 1:15:37 PM | Vial: 42 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023 CN14160045 | Analyst: Adrian |
| Data file: C:\Chem321\1\13Mar18\42.D | |

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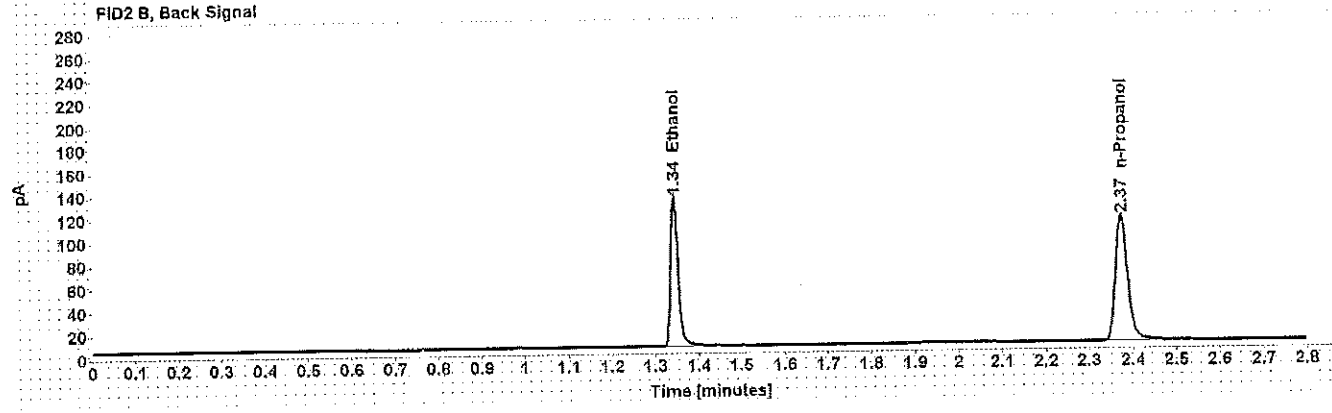
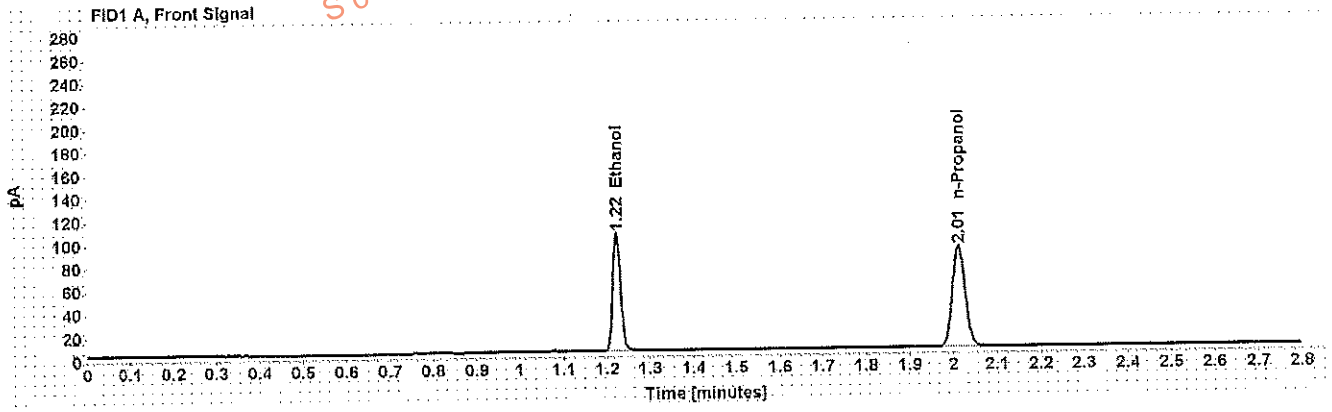


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.2008 | 1.223 | 131.324 |
| n-Propanol | ----- | 2.012 | 179.246 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.343 | 156.713 |
| n-Propanol | 2.374 | 210.082 |

Scottsdale Police Department Crime Lab Volatiles Analysis

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| | |
|--|--|
| Sample: 0.04 Lipomed 09022015-A | Item number: WA |
| Injection date: 3/13/2018 1:56:07 PM | Vial: 52 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023 CN14160045 | Analyst: Adrian |
| Data file: C:\Chem32\1\Data\13Mar18\52.D | |

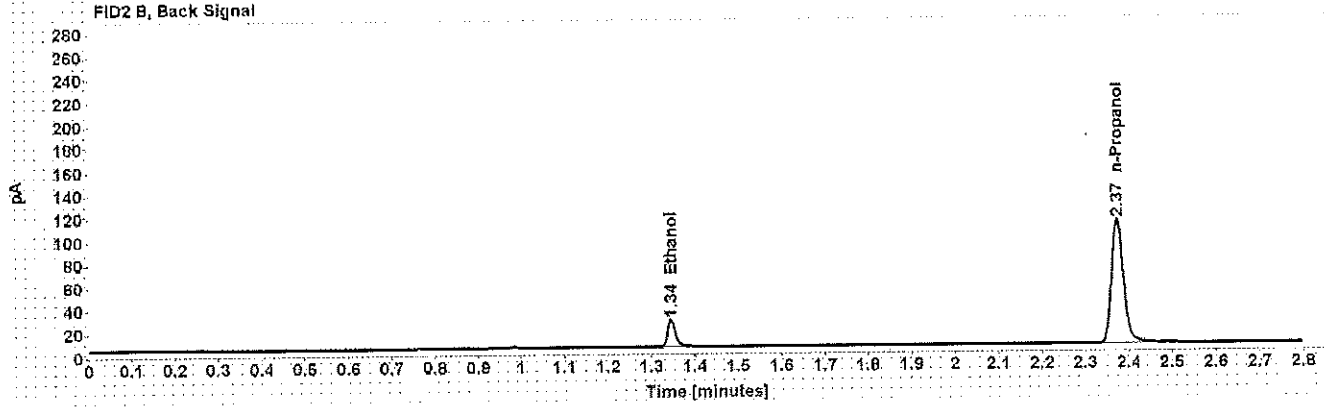
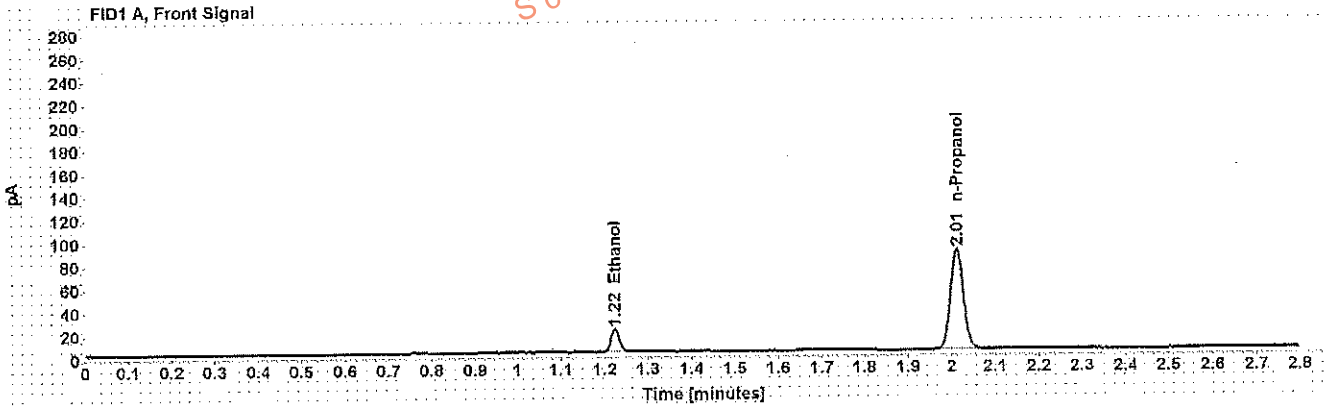


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.0406 | 1.224 | 25.534 |
| n-Propanol | ----- | 2.012 | 177.244 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.345 | 29.679 |
| n-Propanol | 2.374 | 207.979 |

Scottsdale Police Department Crime Lab Volatiles Analysis

WA

| | |
|---|--------------------------|
| Sample: 0.198 ACQ 407041529/3 | Item number: |
| Injection date: 3/13/2018 2:00:07 PM | Vial: 53 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023 CN14160045 | Analyst: Adrian |
| Data file: C:\Chem32\11Data\13Mar18\53.D | |

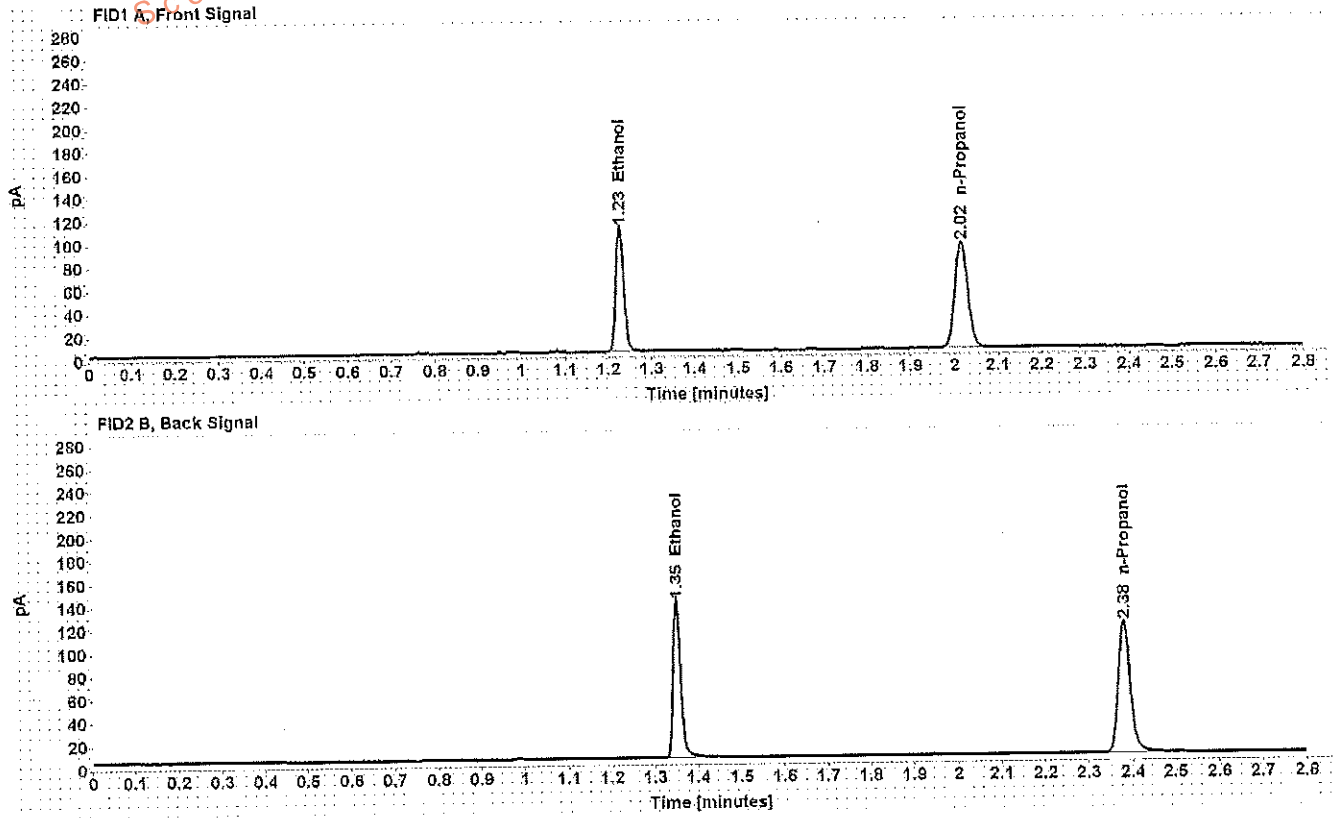


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.2047 | 1.227 | 139.877 |
| n-Propanol | ----- | 2.016 | 187.331 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.350 | 167.371 |
| n-Propanol | 2.380 | 219.939 |

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| | |
|--|--|
| Sample: blank 010318 | Item number: WA |
| Injection date: 3/13/2018 2:04:07 PM | Vial: 54 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023 CN14160045 | Analyst: Adrian |
| Data file: C:\Chem3211\Data\13Mar18\54.D | |

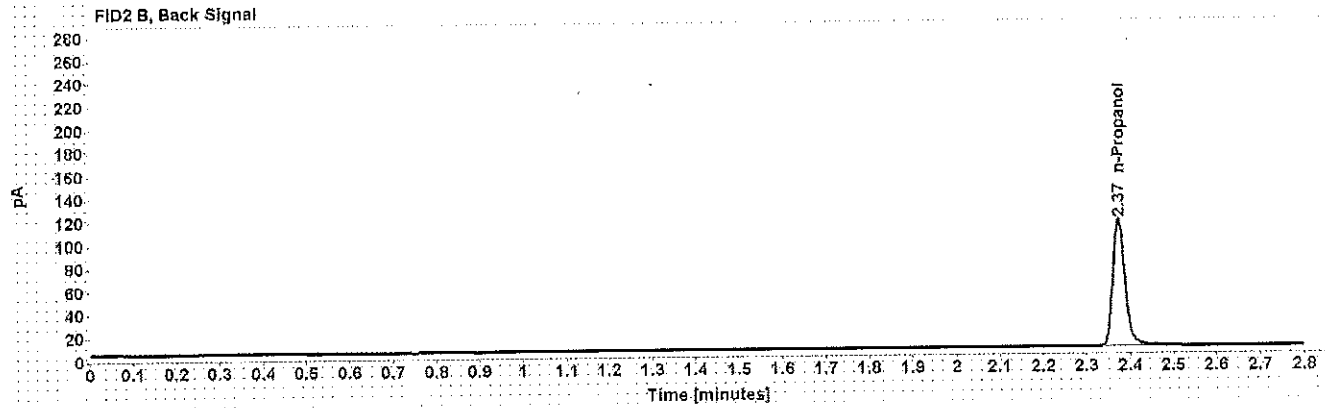
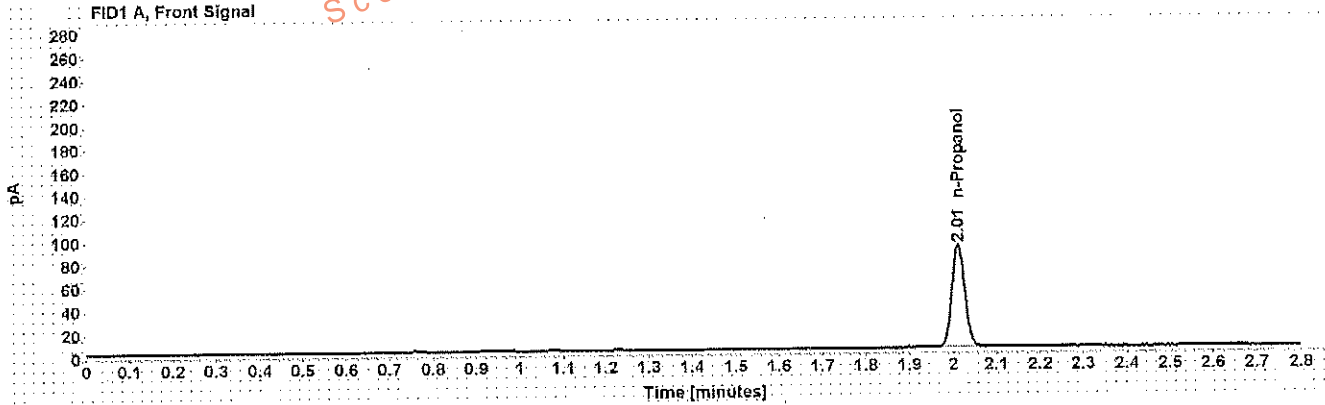


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| n-Propanol | ----- | 2.012 | 181.105 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| n-Propanol | 2.374 | 212.123 |

Sequence Summary

Sequence name: 13Mar18 Instrument: US14173023 CN14160045 Analyst: Adrian

WA

| Vial | Sample | Type | Item Number | Method |
|------|-----------------------------|-------------|-------------|-----------------|
| 1 | 0.020 Cerilliant FN03241604 | Calibration | | ethanol quant.M |
| 2 | 0.100 Cerilliant FN06181501 | Calibration | | ethanol quant.M |
| 3 | 0.200 Cerilliant FN07201502 | Calibration | | ethanol quant.M |
| 4 | 0.400 Cerilliant FN11191402 | Calibration | | ethanol quant.M |
| 5 | blank 010318 | Control | | ethanol quant.M |
| 6 | volatiles mix 020917 WLA | Control | | ethanol quant.M |
| 7 | 0.400 Lipomed 08012015-C | Control | | ethanol quant.M |
| 8 | 0.040 Lipomed 09022015-A | Control | | ethanol quant.M |
| 9 | 0.198 ACQ 407041529/3 | Control | | ethanol quant.M |
| 10 | [REDACTED] | Sample | 1186589 | ethanol quant.M |
| 11 | [REDACTED] | Sample | 1186589 | ethanol quant.M |
| 12 | [REDACTED] | Sample | 331-01A | ethanol quant.M |
| 13 | [REDACTED] | Sample | 331-01A | ethanol quant.M |
| 14 | [REDACTED] | Sample | 310-01A | ethanol quant.M |
| 15 | [REDACTED] | Sample | 310-01A | ethanol quant.M |
| 16 | [REDACTED] | Sample | 1199603 | ethanol quant.M |
| 17 | [REDACTED] | Sample | 1199603 | ethanol quant.M |
| 18 | [REDACTED] | Sample | 1192757 | ethanol quant.M |
| 19 | [REDACTED] | Sample | 1192757 | ethanol quant.M |
| 20 | 0.080 Lipomed 28082014-B | Control | | ethanol quant.M |
| 21 | [REDACTED] | Sample | 1202104 | ethanol quant.M |
| 22 | [REDACTED] | Sample | 1202104 | ethanol quant.M |
| 23 | [REDACTED] | Sample | 1198093 | ethanol quant.M |
| 24 | [REDACTED] | Sample | 1198093 | ethanol quant.M |
| 25 | [REDACTED] | Sample | 1198294 | ethanol quant.M |
| 26 | [REDACTED] | Sample | 1198294 | ethanol quant.M |
| 27 | [REDACTED] | Sample | 1198388 | ethanol quant.M |
| 28 | [REDACTED] | Sample | 1198388 | ethanol quant.M |
| 29 | [REDACTED] | Sample | 1198290 | ethanol quant.M |
| 30 | [REDACTED] | Sample | 1198290 | ethanol quant.M |
| 31 | 0.150 Lipomed 09022015-C | Control | | ethanol quant.M |
| 32 | [REDACTED] | Sample | 1198368 | ethanol quant.M |
| 33 | [REDACTED] | Sample | 1198368 | ethanol quant.M |
| 34 | [REDACTED] | Sample | 1199265 | ethanol quant.M |
| 35 | [REDACTED] | Sample | 1199265 | ethanol quant.M |
| 36 | [REDACTED] | Sample | 1198068 | ethanol quant.M |
| 37 | [REDACTED] | Sample | 1198068 | ethanol quant.M |
| 38 | [REDACTED] | Sample | 1199190 | ethanol quant.M |
| 39 | [REDACTED] | Sample | 1199190 | ethanol quant.M |
| 40 | [REDACTED] | Sample | 1200805 | ethanol quant.M |
| 41 | [REDACTED] | Sample | 1200805 | ethanol quant.M |
| 42 | 0.198 ACQ 407041529/3 | Control | | ethanol quant.M |
| 43 | [REDACTED] | Sample | 1200343 | ethanol quant.M |
| 44 | [REDACTED] | Sample | 1200343 | ethanol quant.M |
| 45 | [REDACTED] | Sample | 1202153 | ethanol quant.M |
| 46 | [REDACTED] | Sample | 1202153 | ethanol quant.M |
| 47 | [REDACTED] | Sample | 1198280 | ethanol quant.M |

Dissemination is restricted to Criminal Justice Agencies and authorized Non-C.J. Agencies ONLY. Secondary dissemination to unaffiliated Agencies is PROHIBITED. Scottsdale City Prosecutor's Office

Sequence Summary

WA

| | | | | |
|----|-------------------------|---------|---------|-----------------|
| 48 | [REDACTED] | Sample | 1198280 | ethanol quant.M |
| 49 | [REDACTED] | Sample | 1199560 | ethanol quant.M |
| 50 | [REDACTED] | Sample | 1199560 | ethanol quant.M |
| 51 | 0.40 Lipomed 08012015-C | Control | | ethanol quant.M |
| 52 | 0.04 Lipomed 09022015-A | Control | | ethanol quant.M |
| 53 | 0.198 ACC 407041529/3 | Control | | ethanol quant.M |
| 54 | blank 010318 | Control | | ethanol quant.M |

Dissemination is restricted to Criminal Justice Agencies and authorized Non-C.J. Agencies ONLY. Secondary dissemination to other agencies or prosecutors is PROHIBITED.

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 13Mar18

ANALYST: Adrian WA

| Vials | Test 1 (g/dL) | Test 2 (g/dL) | Mean (g/dL) | Percent Difference* | Absolute Difference (g/dL)* |
|-------|---------------|---------------|-------------|---------------------|-----------------------------|
| 10 11 | 0.0911 | 0.0913 | 0.09120 | 0.11 | 0.00010 |
| 12 13 | 0.0857 | 0.0863 | 0.08600 | 0.35 | 0.00030 |
| 14 15 | 0.2071 | 0.2100 | 0.20855 | 0.70 | 0.00145 |
| 16 17 | 0.2465 | 0.2455 | 0.24600 | 0.20 | 0.00050 |
| 18 19 | 0.1276 | 0.1292 | 0.12840 | 0.62 | 0.00080 |
| 21 22 | 0.2611 | 0.2554 | 0.25825 | 1.10 | 0.00285 |
| 23 24 | 0.1932 | 0.1928 | 0.19300 | 0.10 | 0.00020 |
| 25 26 | 0.1301 | 0.1314 | 0.13075 | 0.50 | 0.00065 |
| 27 28 | 0.1027 | 0.1030 | 0.10285 | 0.15 | 0.00015 |
| 29 30 | 0.1559 | 0.1574 | 0.15665 | 0.48 | 0.00075 |
| 32 33 | 0.1831 | 0.1849 | 0.18400 | 0.49 | 0.00090 |
| 34 35 | 0.1444 | 0.1445 | 0.14445 | 0.03 | 0.00005 |
| 36 37 | 0.2347 | 0.2334 | 0.23405 | 0.28 | 0.00065 |
| 38 39 | 0.2272 | 0.2299 | 0.22855 | 0.59 | 0.00135 |
| 40 41 | 0.2578 | 0.2566 | 0.25720 | 0.23 | 0.00060 |
| 43 44 | 0.2953 | 0.2968 | 0.29605 | 0.25 | 0.00075 |
| 45 46 | 0.2354 | 0.2373 | 0.23635 | 0.40 | 0.00095 |
| 47 48 | 0.1069 | 0.1073 | 0.10710 | 0.19 | 0.00020 |
| 49 50 | 0.0909 | 0.0919 | 0.09140 | 0.55 | 0.00050 |

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

Scottsdale Police Department Crime Lab Volatiles Analysis

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

| | | | |
|-----------------|-------------------------------|--------------|---------|
| Sample: | [REDACTED] | Item number: | 1186589 |
| Injection date: | 3/13/2018 11:06:22 AM | Vial: | 10 |
| Method: | ethanol quant.M | Sequence: | 13Mar18 |
| Instrument: | US14173023 CN14160045 | Analyst: | Adrian |
| Data file: | C:\Chem32\1\Data\13Mar18\10.D | | |

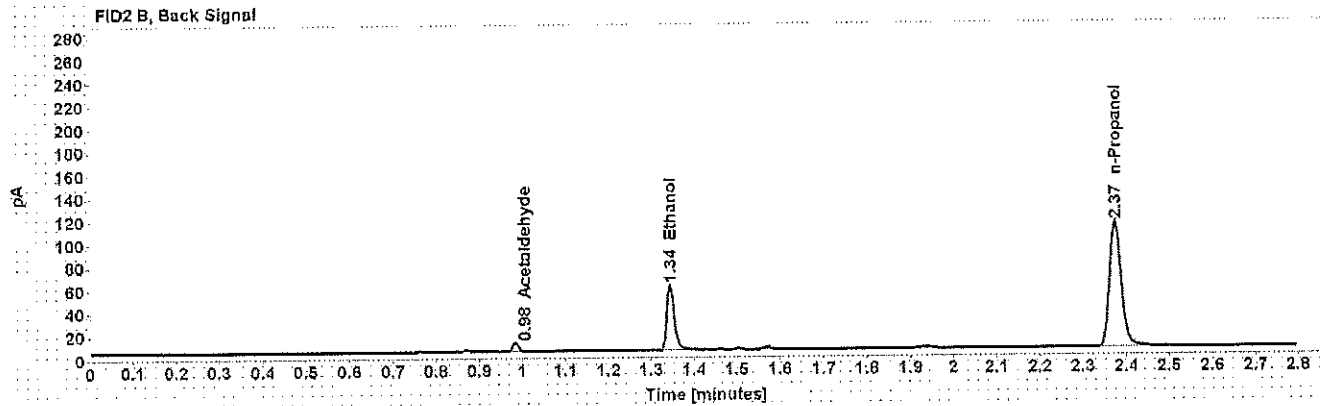
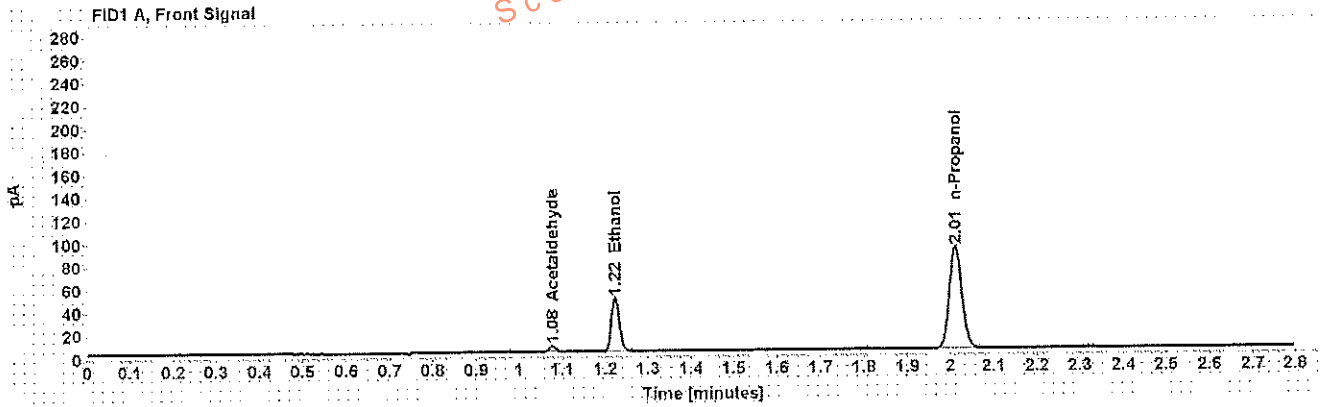


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.077 | 5.526 |
| >Ethanol | 0.0911 | 1.223 | 59.721 |
| n-Propanol | ----- | 2.012 | 181.275 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.984 | 6.921 |
| Ethanol | 1.344 | 69.539 |
| n-Propanol | 2.375 | 211.250 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|----------------------|
| Sample: [REDACTED] | Item number: 1186589 |
| Injection date: 3/13/2018 11:10:22 AM | Vial: 11 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023 CN14160045 | Analyst: Adrian |
| Data file: C:\Chem3211\Data\13Mar18\11.D | |

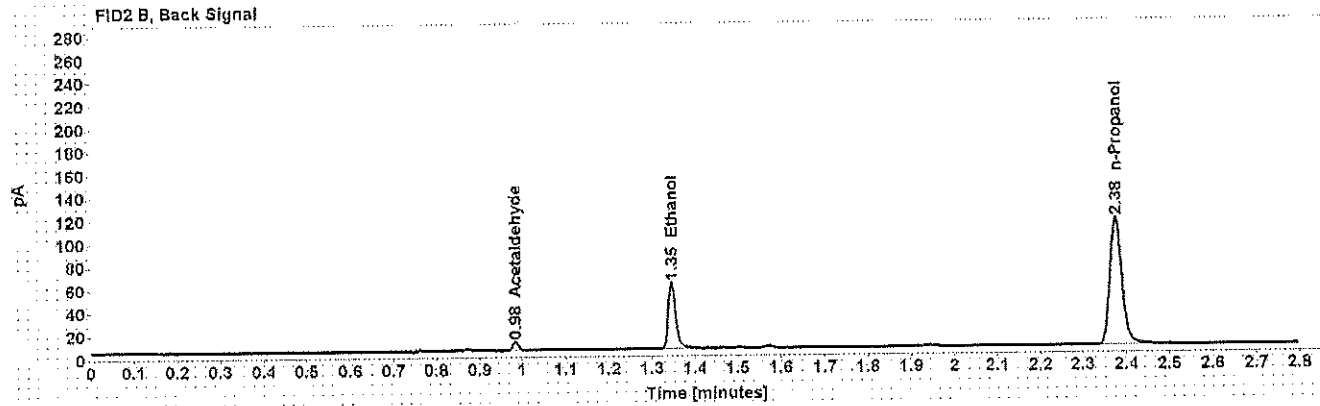
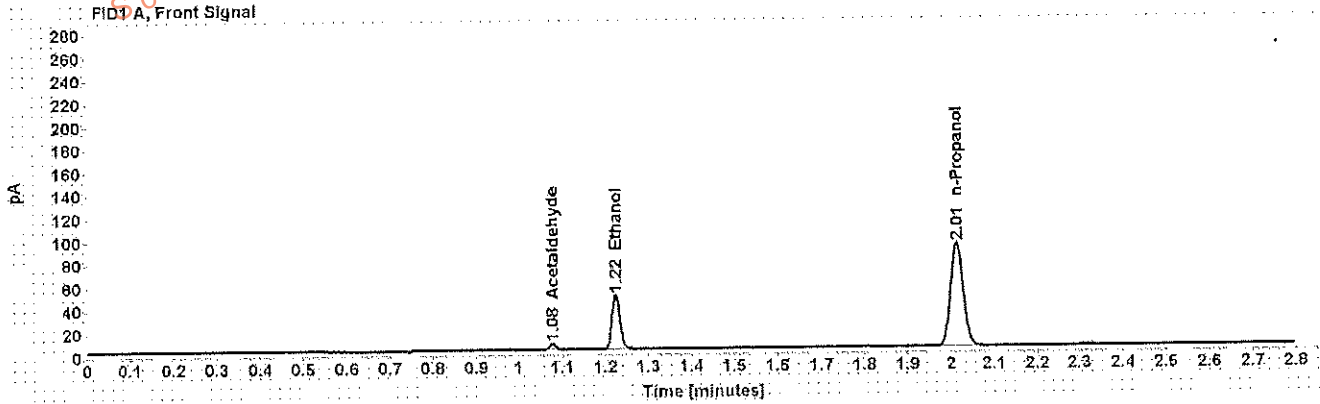


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.077 | 5.470 |
| >Ethanol | 0.0913 | 1.224 | 60.543 |
| n-Propanol | ----- | 2.013 | 183.336 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.984 | 6.823 |
| Ethanol | 1.346 | 70.644 |
| n-Propanol | 2.376 | 213.820 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|-----------------|-------------------------------|--------------|---------|
| Sample: | [REDACTED] | Item number: | 331-01A |
| Injection date: | 3/13/2018 11:14:22 AM | Vial: | 12 |
| Method: | ethanol quant.M | Sequence: | 13Mar18 |
| Instrument: | US14173023.CN14160045 | Analyst: | Adrian |
| Data file: | C:\Chem3211\Data\13Mar18\12.D | | |

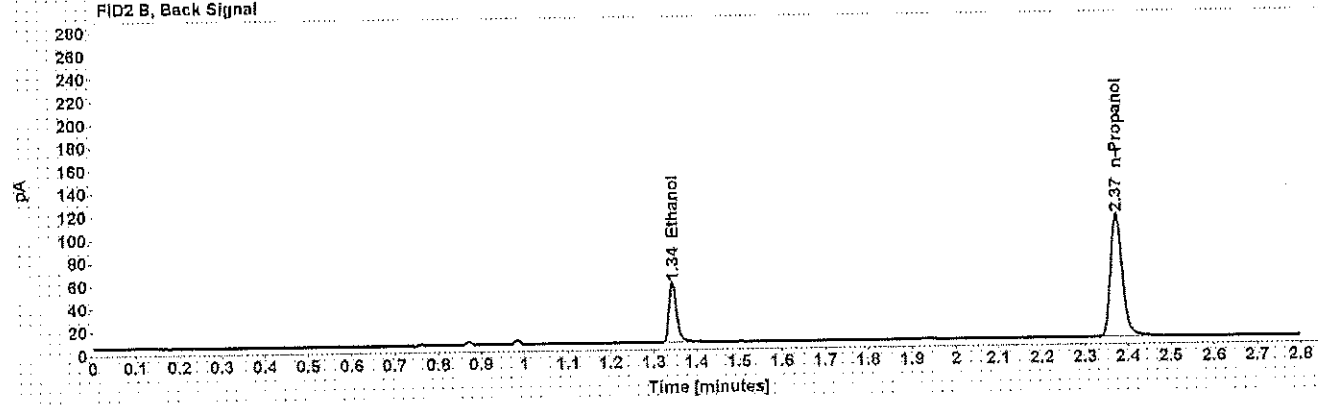
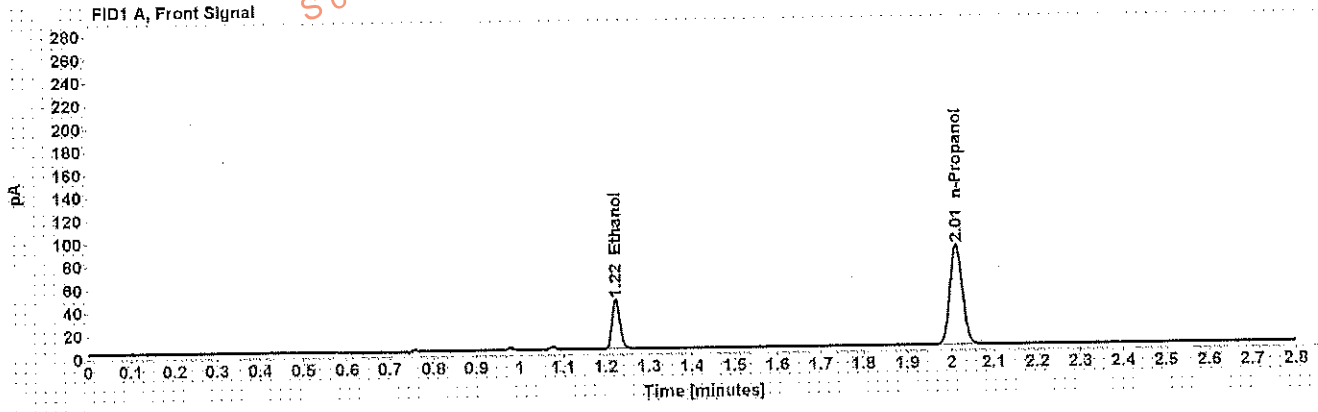


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.0857 | 1.223 | 54.921 |
| n-Propanol | ----- | 2.012 | 177.370 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.344 | 63.907 |
| n-Propanol | 2.374 | 205.996 |

Scottsdale Police Department Crime Lab Volatiles Analysis

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Scottsdale City Prosecutor

| | | | |
|-----------------|-------------------------------|--------------|---------|
| Sample: | [REDACTED] | Item number: | 331-01A |
| Injection date: | 3/13/2018 11:18:37 AM | Vial: | 13 |
| Method: | ethanol quant.M | Sequence: | 13Mar18 |
| Instrument: | US14173023 CN14160045 | Analyst: | Adrian |
| Data file: | C:\Chem32\1\Data\13Mar18\13.D | | |

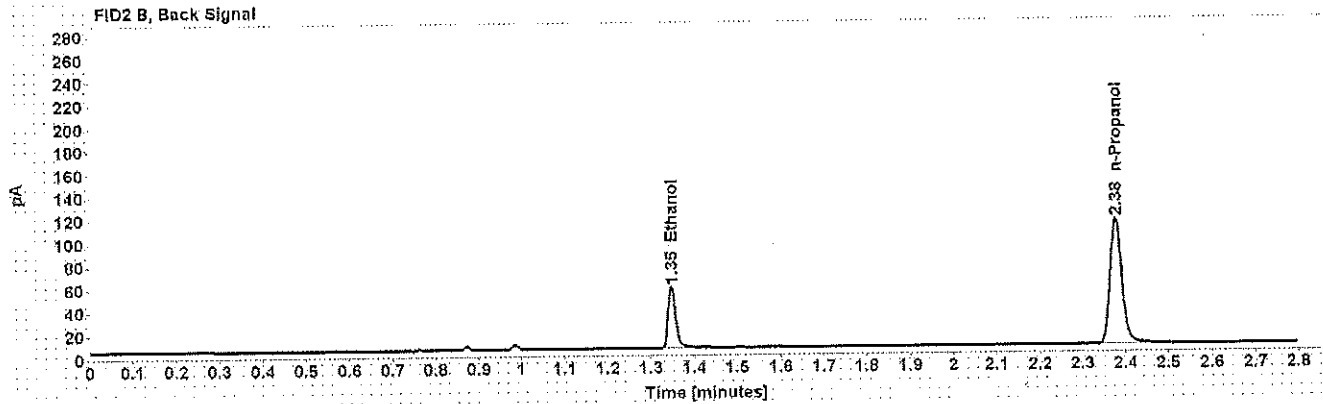
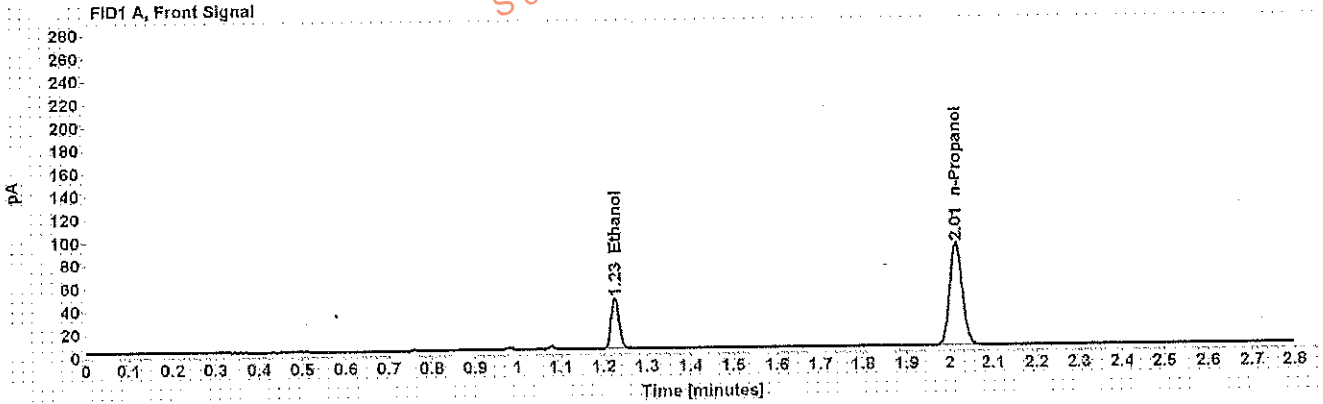


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.0863 | 1.225 | 58.595 |
| n-Propanol | ----- | 2.014 | 181.483 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.347 | 65.822 |
| n-Propanol | 2.377 | 211.040 |

Case: [REDACTED] User: wadrian 3/13/2018

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|----------------------|
| Sample: [REDACTED] | Item number: 310-01A |
| Injection date: 3/13/2018 11:22:37 AM | Vial: 14 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023 CN14160045 | Analyst: Adrian |
| Data file: C:\Chem32\1\Data\13Mar18\14.D | |

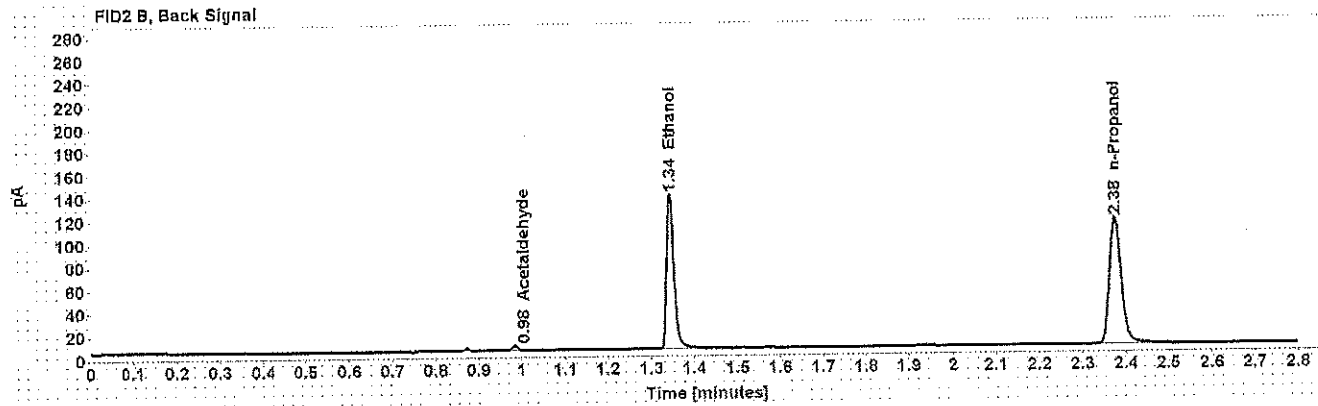
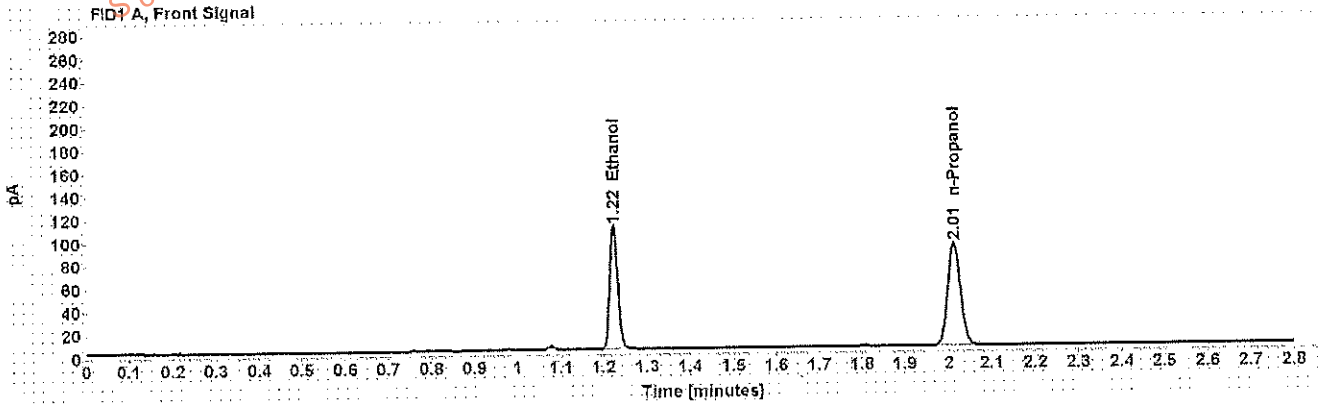


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.2071 | 1.223 | 137.756 |
| n-Propanol | ----- | 2.013 | 182.331 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.984 | 4.004 |
| Ethanol | 1.344 | 162.828 |
| n-Propanol | 2.376 | 212.624 |

Case: [REDACTED] User: wadrian 3/13/2018

Scottsdale Police Department Crime Lab Volatiles Analysis

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

| | | | |
|-----------------|-------------------------------|--------------|---------|
| Sample: | [REDACTED] | Item number: | 310-01A |
| Injection date: | 3/13/2018 11:26:36 AM | Vial: | 15 |
| Method: | ethanol quant.M | Sequence: | 13Mar18 |
| Instrument: | US14173023.CN14160045 | Analyst: | Adrian |
| Data file: | C:\Chem3211\Data\13Mar18\15.D | | |

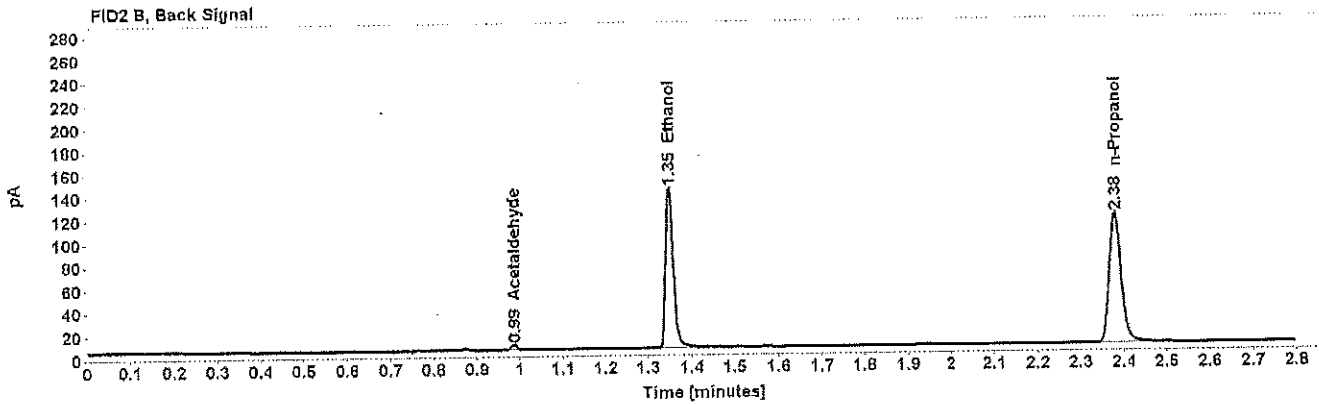
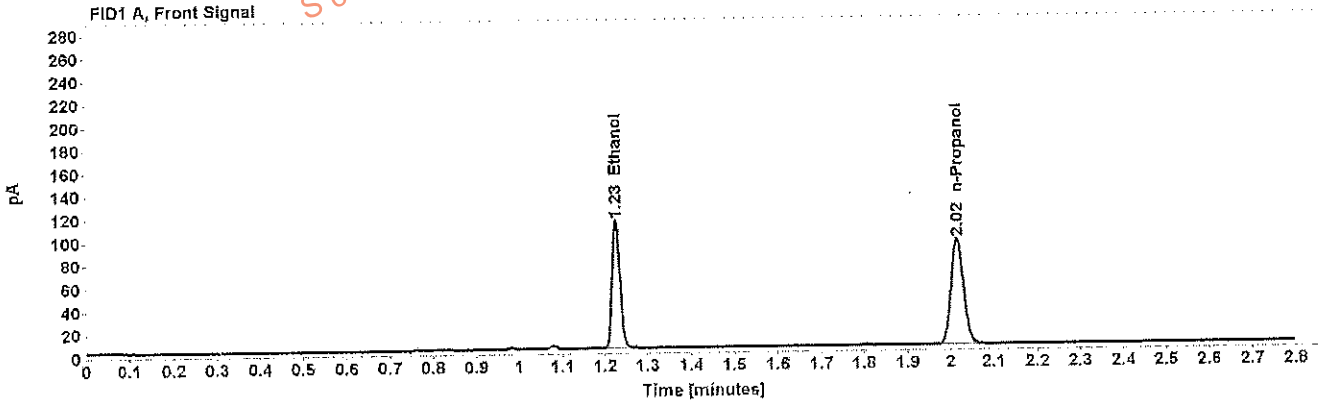


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.2100 | 1.227 | 143.538 |
| n-Propanol | ----- | 2.016 | 187.275 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.987 | 4.049 |
| Ethanol | 1.349 | 170.158 |
| n-Propanol | 2.380 | 218.718 |

Scottsdale Police Department Crime Lab Volatiles Analysis

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Scottsdale City Prosecutor

| | | | |
|-----------------|-------------------------------|--------------|---------|
| Sample: | [REDACTED] | Item number: | 1199603 |
| Injection date: | 3/13/2018 11:30:38 AM | Vial: | 16 |
| Method: | ethanol quant.M | Sequence: | 13Mar18 |
| Instrument: | US14173023 CN14160045 | Analyst: | Adrian |
| Data file: | C:\Chem32\1\Data\13Mar18\16.D | | |

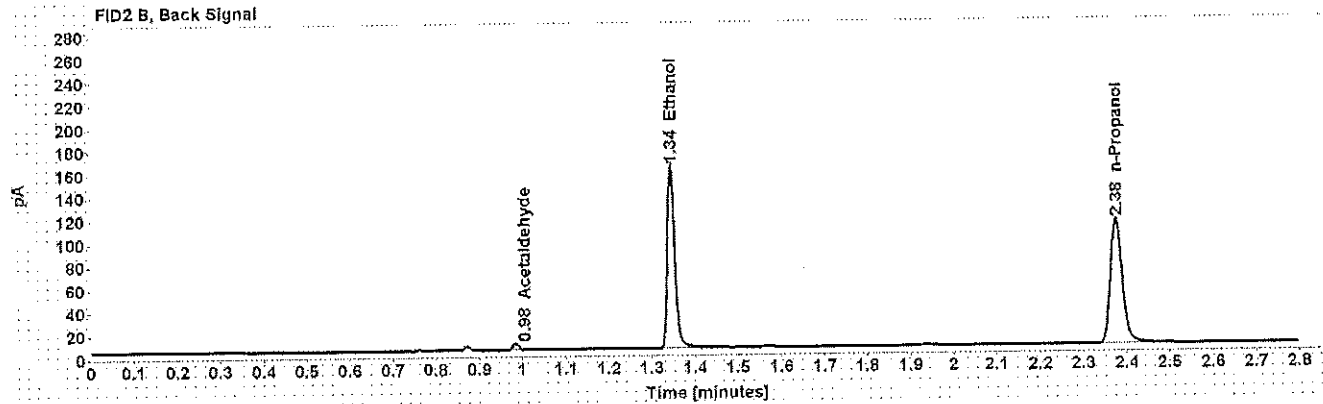
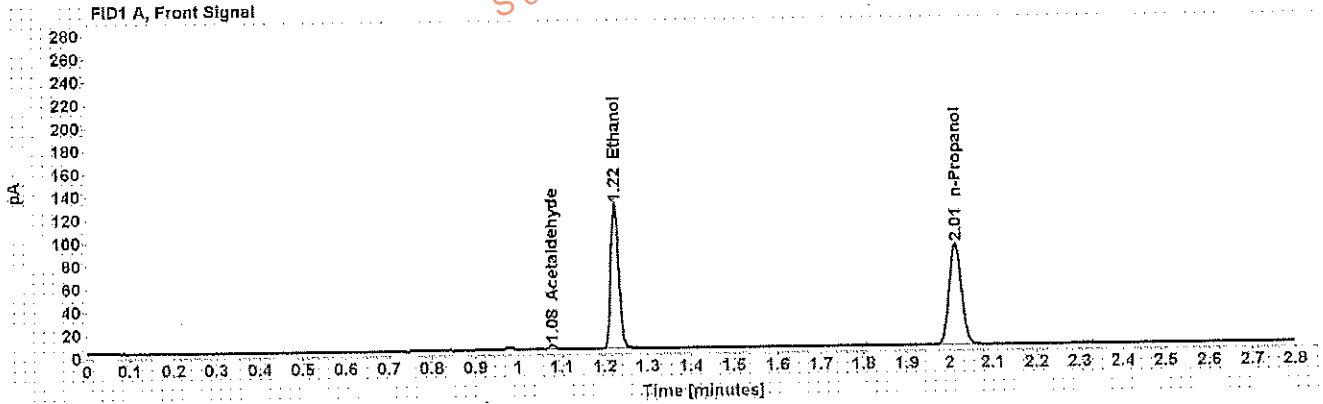


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.077 | 4.082 |
| >Ethanol | 0.2465 | 1.224 | 161.855 |
| n-Propanol | ----- | 2.013 | 179.740 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.984 | 5.133 |
| Ethanol | 1.345 | 193.401 |
| n-Propanol | 2.376 | 210.655 |

Case: [REDACTED] User: wadrian 3/13/2018

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|----------------------|
| Sample: [REDACTED] | Item number: 1199603 |
| Injection date: 3/13/2018 11:34:37 AM | Vial: 17 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023 CN14160045 | Analyst: Adrian |
| Data file: C:\Chem32\1\Data\13Mar18\17.D | |

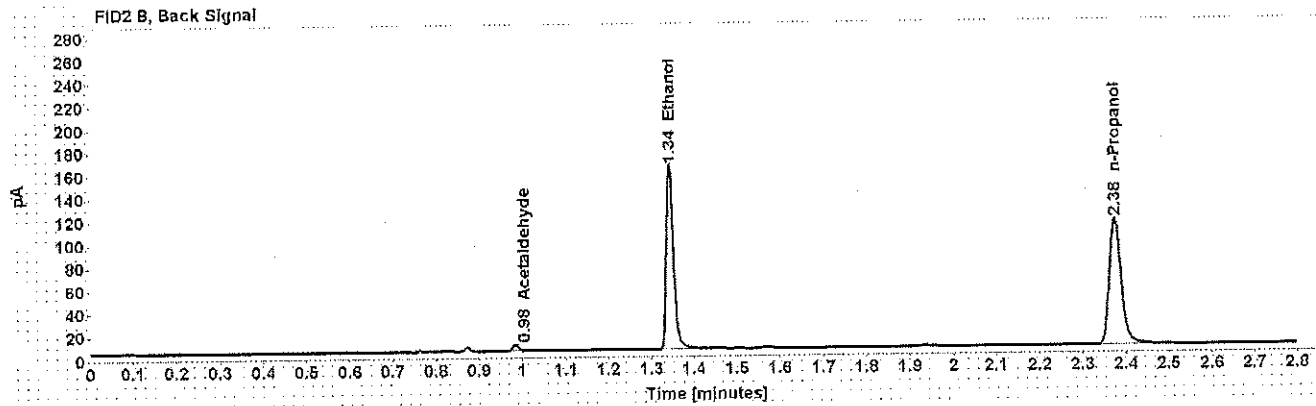
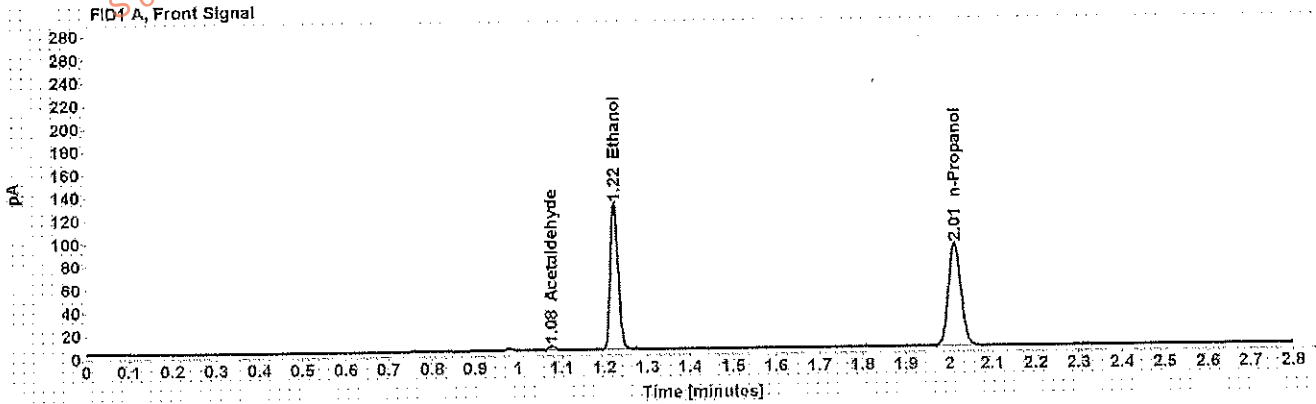


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.077 | 3.901 |
| >Ethanol | 0.2455 | 1.223 | 162.703 |
| n-Propanol | ----- | 2.013 | 181.456 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.984 | 4.923 |
| Ethanol | 1.344 | 194.391 |
| n-Propanol | 2.375 | 212.598 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|---|----------------------|
| Sample: [REDACTED] | Item number: 1192757 |
| Injection date: 3/13/2018 11:38:37 AM | Vial: 18 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023.GN14160045 | Analyst: Adrian |
| Data file: C:\Chem32\11\Data\13Mar18\18.D | |

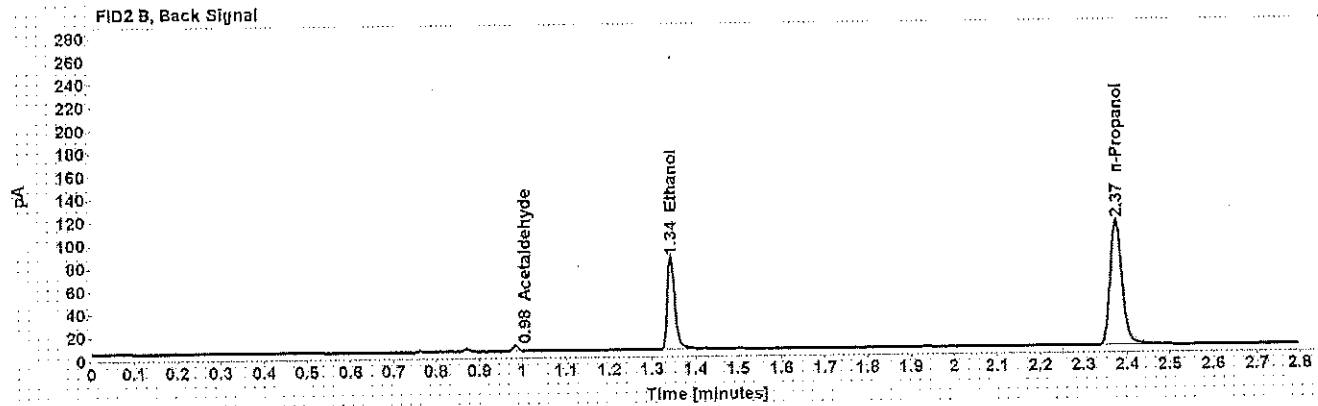
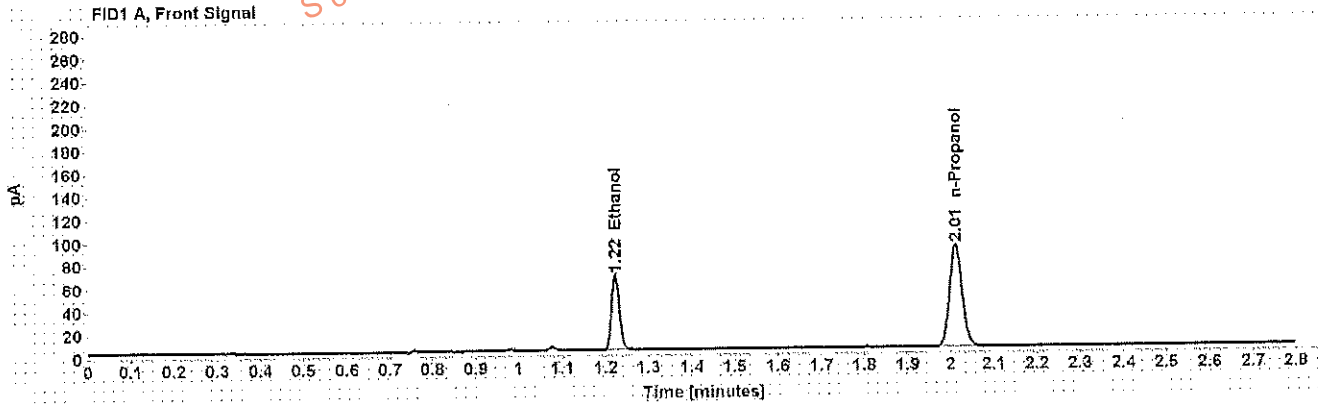


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1276 | 1.223 | 83.981 |
| n-Propanol | ----- | 2.012 | 181.095 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.983 | 4.407 |
| Ethanol | 1.343 | 98.687 |
| n-Propanol | 2.374 | 210.977 |

Case: [REDACTED] User: wadrian 3/13/2018

Scottsdale Police Department Crime Lab Volatiles Analysis

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

| | | | |
|-----------------|-------------------------------|--------------|---------|
| Sample: | [REDACTED] | Item number: | 1192757 |
| Injection date: | 3/13/2018 11:42:52 AM | Vial: | 19 |
| Method: | ethanol quant.M | Sequence: | 13Mar18 |
| Instrument: | US14173023 CN14160045 | Analyst: | Adrian |
| Data file: | C:\Chem32\1\Data\13Mar18\19.D | | |

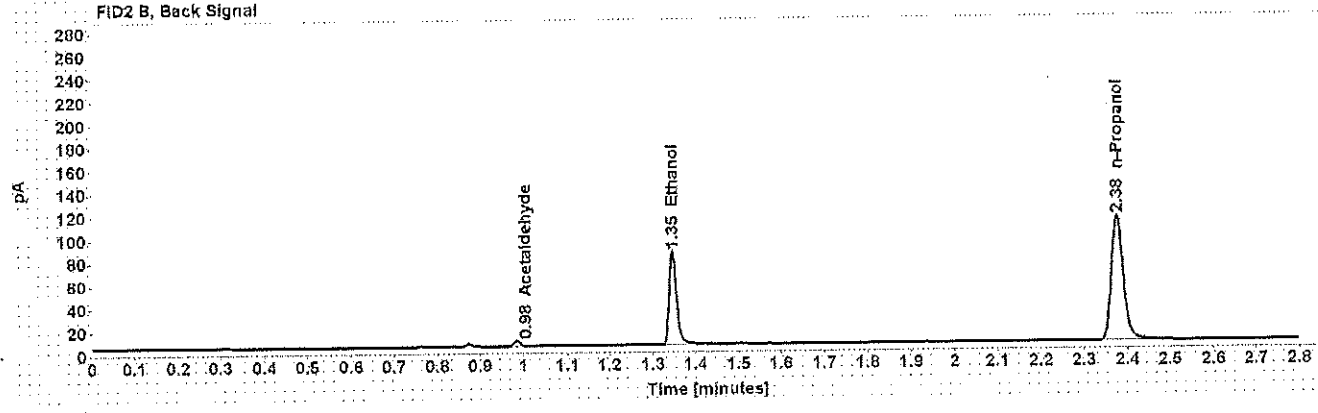
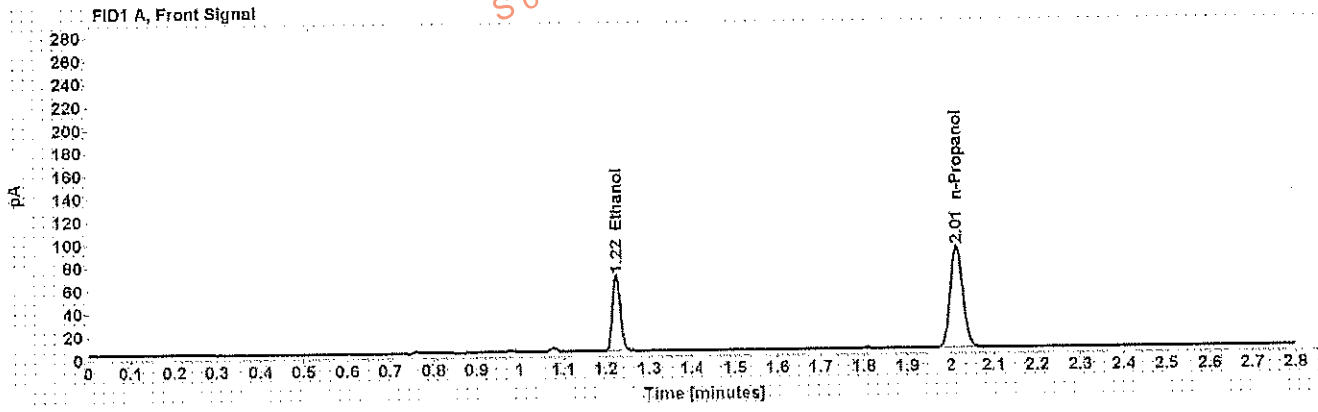


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1292 | 1.225 | 84.638 |
| n-Propanol | ----- | 2.014 | 180.230 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.985 | 4.484 |
| Ethanol | 1.346 | 99.449 |
| n-Propanol | 2.377 | 210.469 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|---|-----------------------------|
| Sample: [REDACTED] | Item number: 1202104 |
| Injection date: 3/13/2018 11:50:52 AM | Vial: 21 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023 CN14160045 | Analyst: Adrian |
| Data file: C:\Chem3211\Data\13Mar18\21.D | |

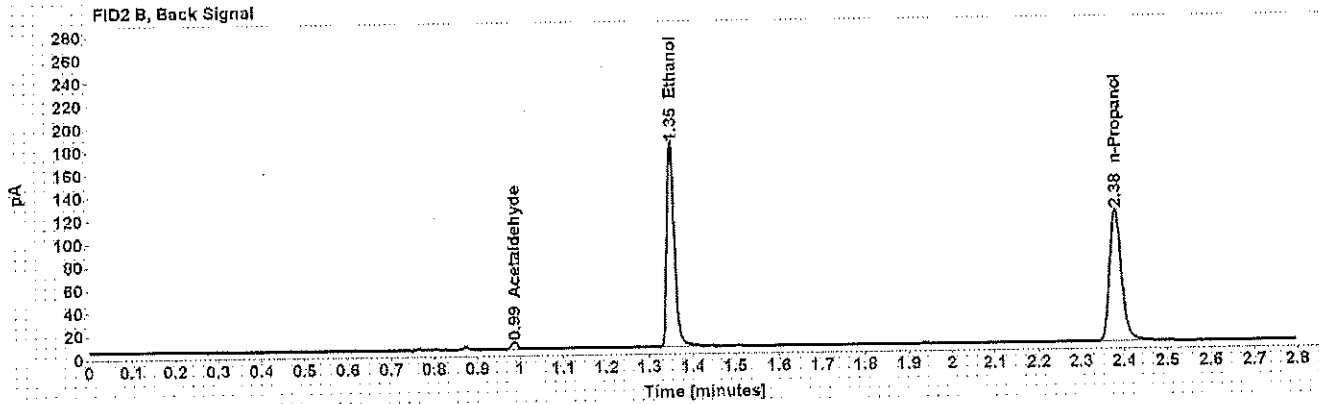
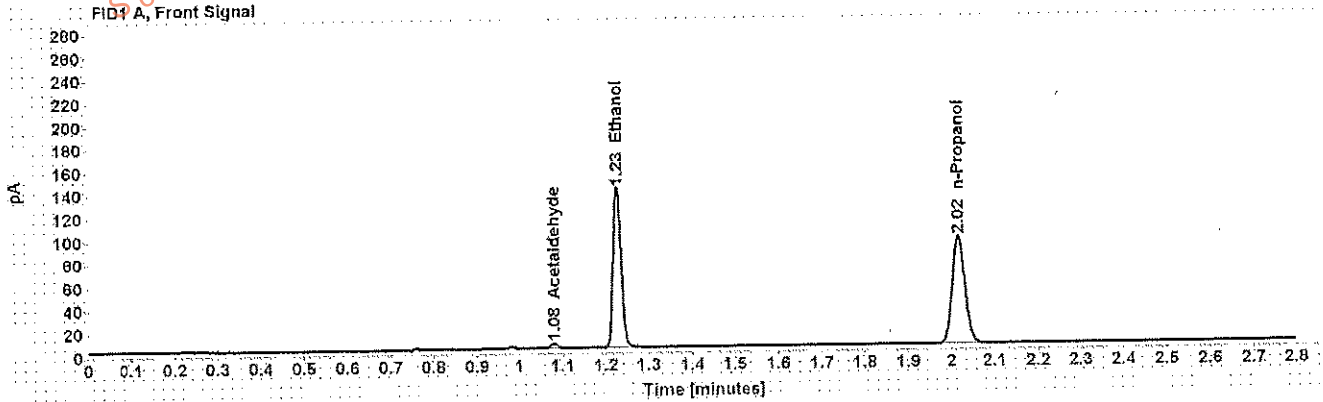


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.080 | 4.525 |
| >Ethanol | 0.2611 | 1.227 | 181.001 |
| n-Propanol | ----- | 2.017 | 189.727 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.987 | 5.703 |
| Ethanol | 1.350 | 215.581 |
| n-Propanol | 2.381 | 222.252 |

Scottsdale Police Department Crime Lab Volatiles Analysis

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 Scottsdale City Prosecutor's Office

| | | | |
|-----------------|-------------------------------|--------------|---------|
| Sample: | [REDACTED] | Item number: | 1202104 |
| Injection date: | 3/13/2018 11:54:52 AM | Vial: | 22 |
| Method: | ethanol quant.M | Sequence: | 13Mar18 |
| Instrument: | US14173023.CN14160045 | Analyst: | Adrian |
| Data file: | C:\Chem3211\Data\13Mar18\22.D | | |

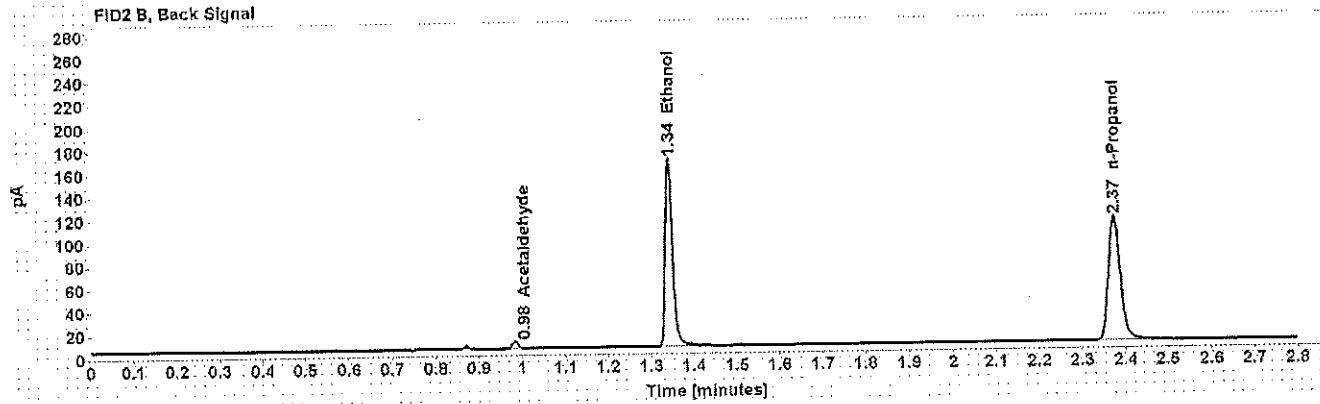
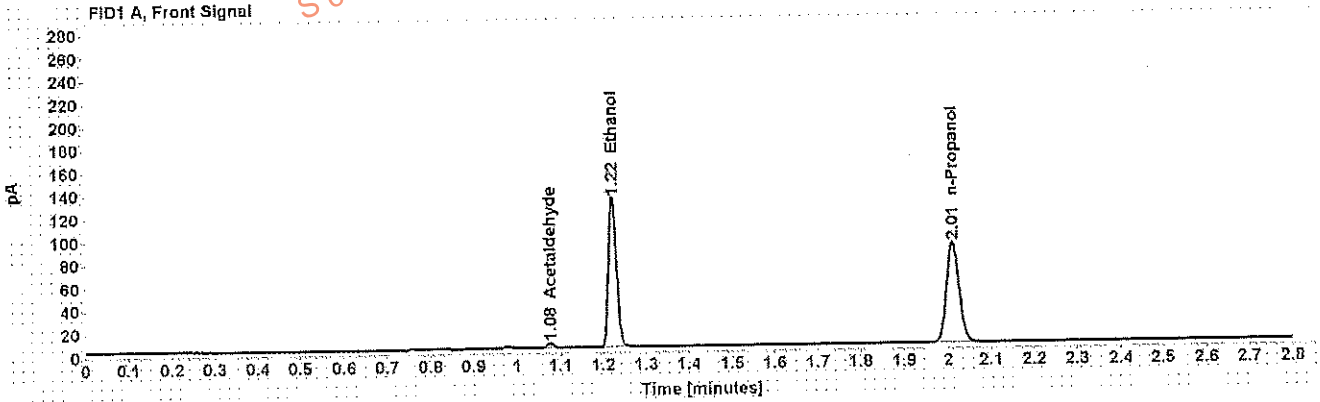


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.077 | 4.463 |
| >Ethanol | 0.2554 | 1.222 | 166.832 |
| n-Propanol | ----- | 2.012 | 178.772 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.983 | 5.621 |
| Ethanol | 1.343 | 198.340 |
| n-Propanol | 2.374 | 209.500 |

Case: [REDACTED] User: wadrian 3/13/2018

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|-----------------|-------------------------------|--------------|---------|
| Sample: | [REDACTED] | Item number: | 1198093 |
| Injection date: | 3/13/2018 11:58:52 AM | Vial: | 23 |
| Method: | ethanol quant.M | Sequence: | 13Mar18 |
| Instrument: | US14173023 CN14160045 | Analyst: | Adrian |
| Data file: | C:\Chem32\1\Data\13Mar18\23.D | | |

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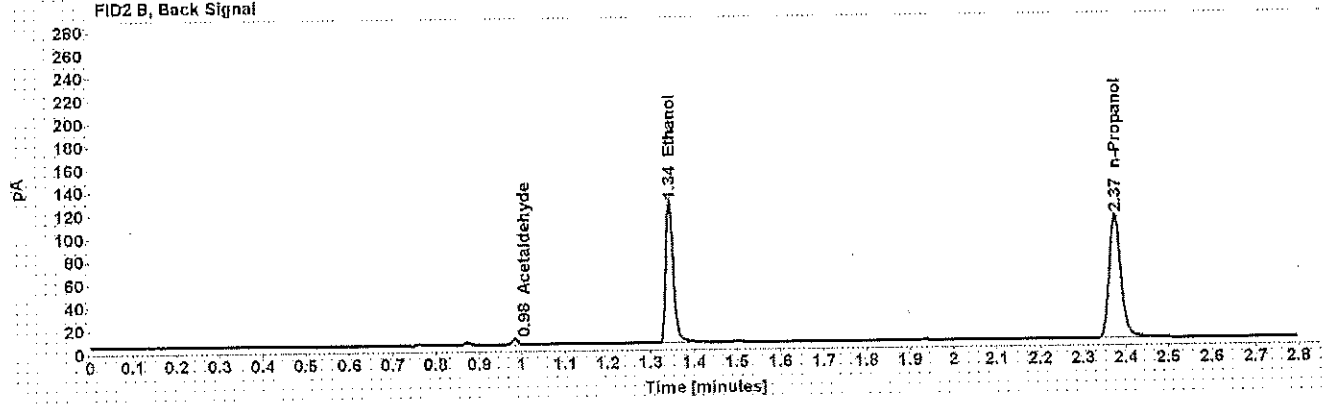
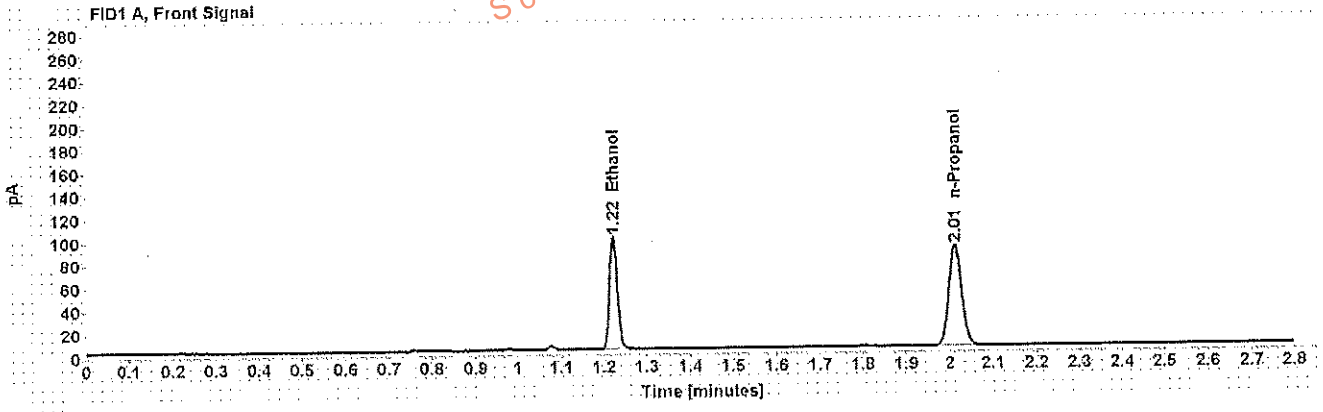


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1932 | 1.223 | 125.600 |
| n-Propanol | ----- | 2.012 | 178.233 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.984 | 4.513 |
| Ethanol | 1.343 | 148.711 |
| n-Propanol | 2.375 | 208.052 |

Case: [REDACTED] User: wadrian 3/13/2018

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|-----------------|-------------------------------|--------------|---------|
| Sample: | [REDACTED] | Item number: | 1198093 |
| Injection date: | 3/13/2018 12:02:52 PM | Vial: | 24 |
| Method: | ethanol quant.M | Sequence: | 13Mar18 |
| Instrument: | US14173023 CN14160045 | Analyst: | Adrian |
| Data file: | C:\Chem3211\Data\13Mar18\24.D | | |

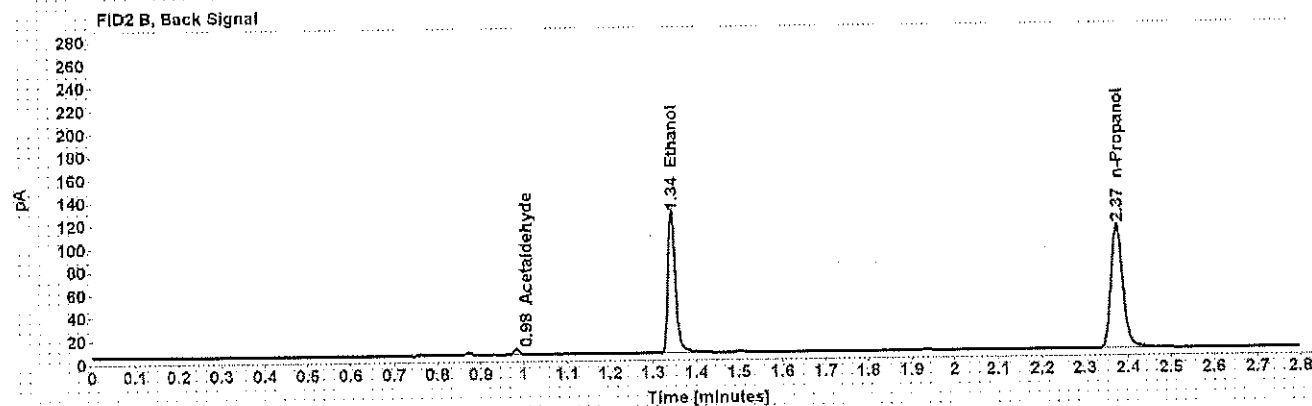
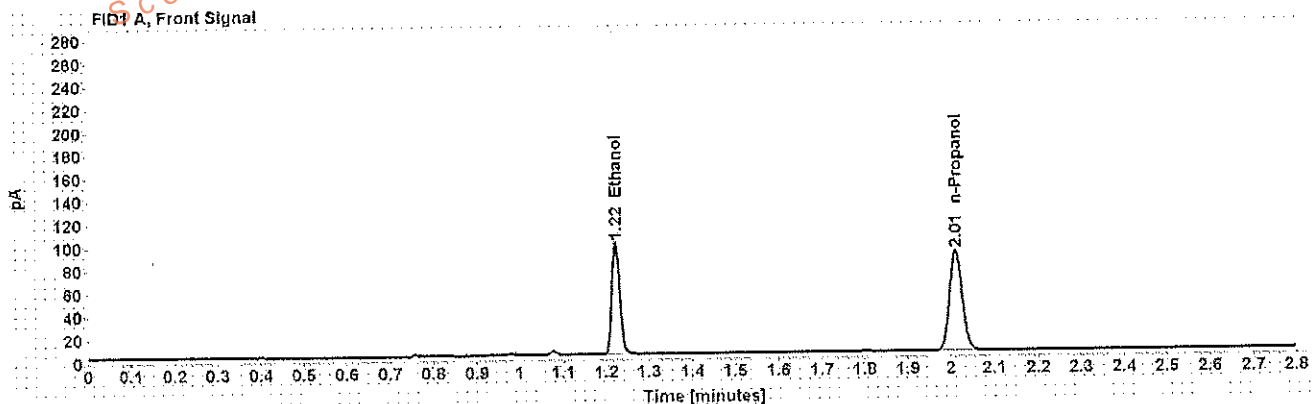


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1928 | 1.223 | 125.118 |
| n-Propanol | ----- | 2.012 | 177.968 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.983 | 4.503 |
| Ethanol | 1.343 | 148.459 |
| n-Propanol | 2.374 | 208.017 |

Case: [REDACTED] User: wadrian 3/13/2018

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1198294
Injection date: 3/13/2018 12:07:07 PM Vial: 25
Method: ethanol quant.M Sequence: 13Mar18
Instrument: US14173023.CN14160045 Analyst: Adrian
Data file: C:\Chem32\11Data\13Mar18\25.D

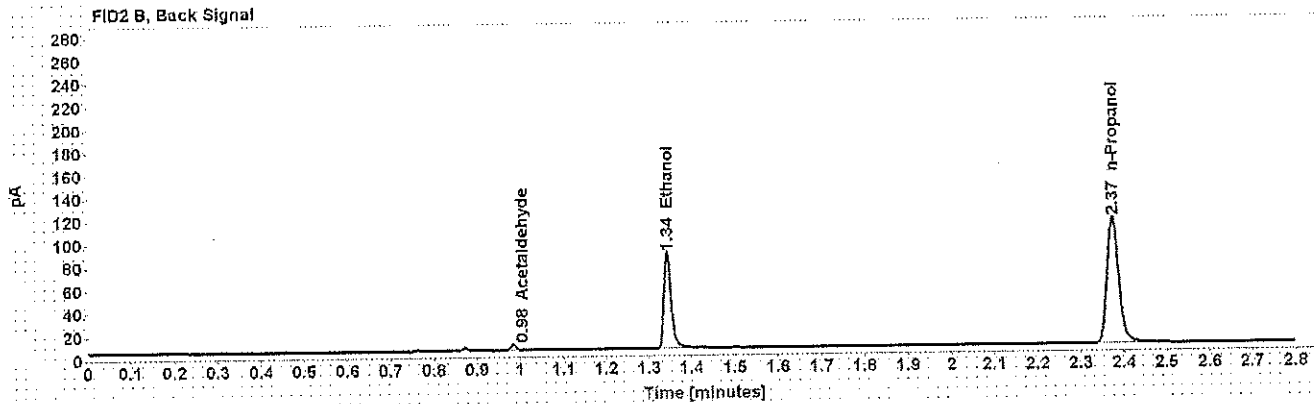
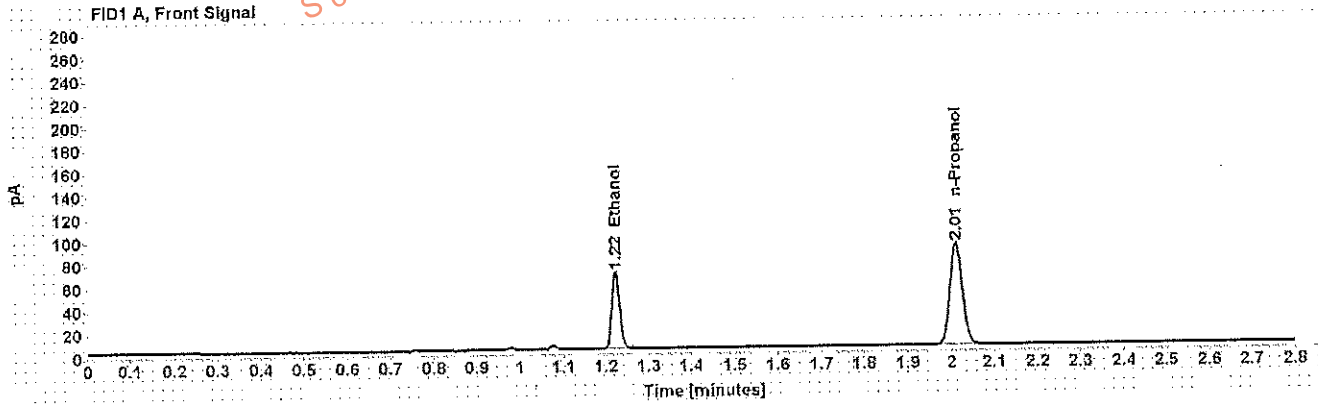


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1301 | 1.223 | 85.623 |
| n-Propanol | ----- | 2.012 | 181.028 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.983 | 4.380 |
| Ethanol | 1.343 | 100.429 |
| n-Propanol | 2.374 | 212.125 |

Scottsdale Police Department Crime Lab Volatiles Analysis

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Scottsdale City Prosecutor

| | | | |
|-----------------|------------------------------|--------------|---------|
| Sample: | [REDACTED] | Item number: | 1198294 |
| Injection date: | 3/13/2018 12:11:07 PM | Vial: | 26 |
| Method: | ethanol quant.M | Sequence: | 13Mar18 |
| Instrument: | US14173023 CN14160045 | Analyst: | Adrian |
| Data file: | C:\Chem321\Data\13Mar18\26.D | | |

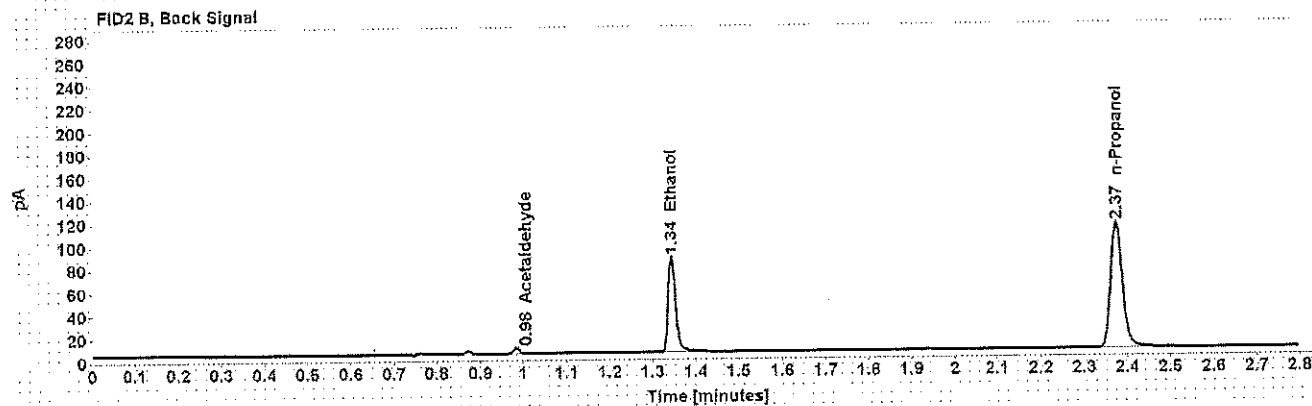
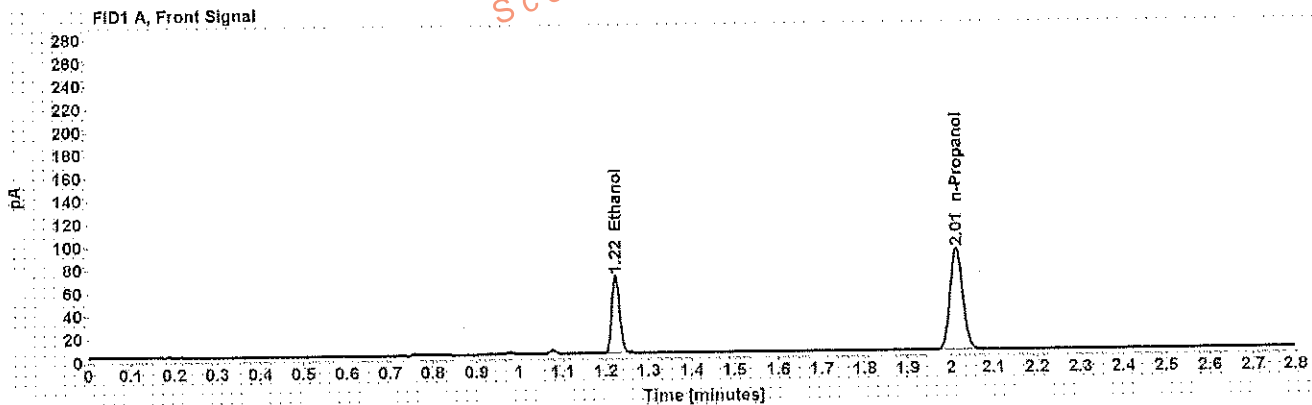


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1314 | 1.223 | 86.328 |
| n-Propanol | ----- | 2.013 | 180.740 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.984 | 4.417 |
| Ethanol | 1.344 | 101.355 |
| n-Propanol | 2.375 | 211.528 |

Case: [REDACTED] User: wadrian 3/13/2018

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1198388
Injection date: 3/13/2018 12:15:08 PM Vial: 27
Method: ethanol quant M Sequence: 13Mar18
Instrument: US14173023 CN14160045 Analyst: Adrian
Data file: C:\Chem321\Data\13Mar18\27.D

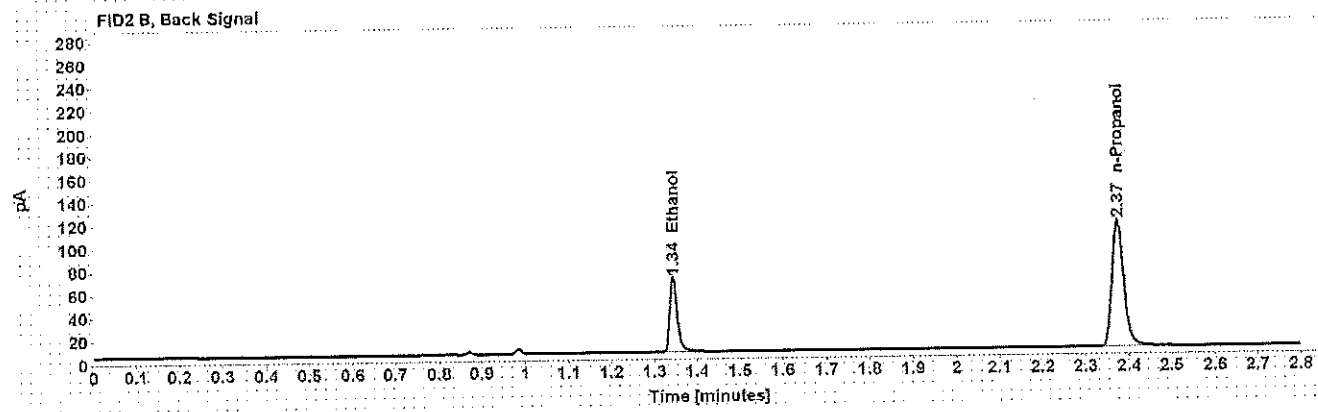
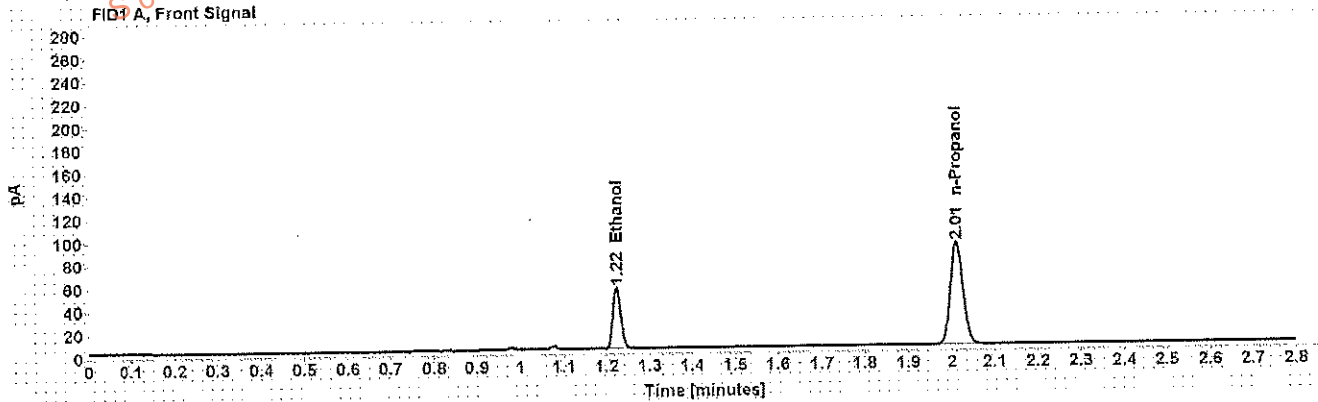


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1027 | 1.223 | 67.798 |
| n-Propanol | ----- | 2.012 | 182.102 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.344 | 79.486 |
| n-Propanol | 2.374 | 213.240 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|-----------------|-------------------------------|--------------|---------|
| Sample: | [REDACTED] | Item number: | 1198388 |
| Injection date: | 3/13/2018 12:19:07 PM | Vial: | 28 |
| Method: | ethanol quant.M | Sequence: | 13Mar18 |
| Instrument: | US14173023.GN14160045 | Analyst: | Adrian |
| Data file: | C:\Chem3211\Data\13Mar18\28.D | | |

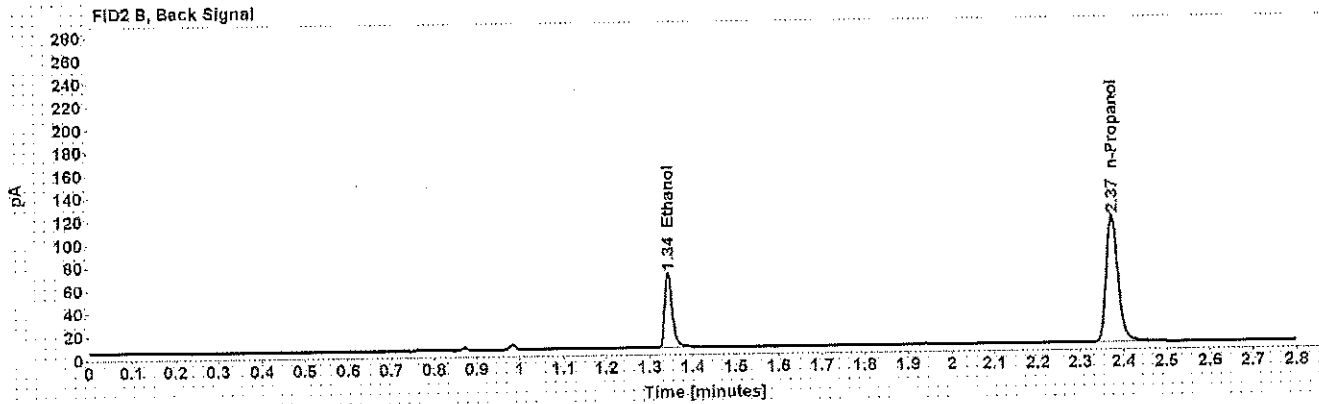
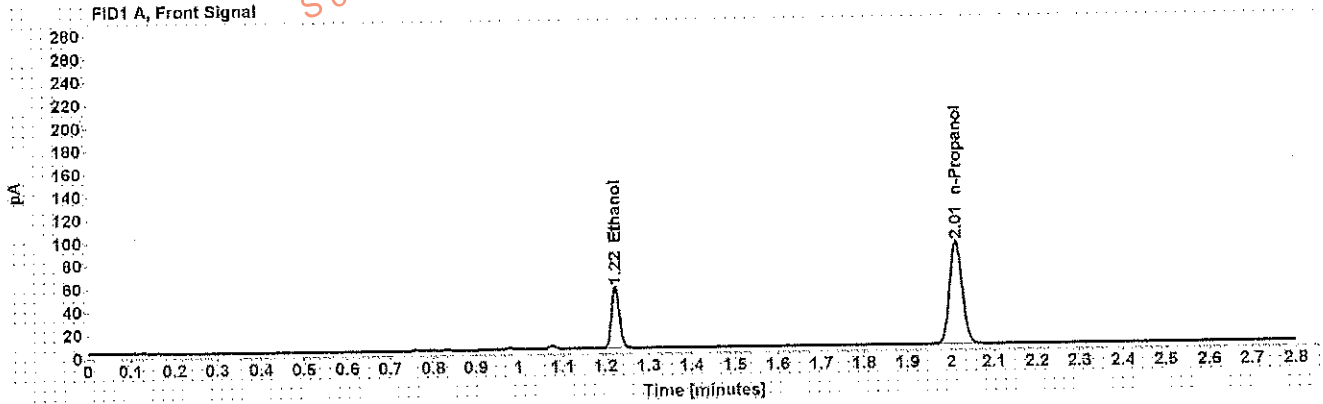


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1030 | 1.223 | 68.225 |
| n-Propanol | ----- | 2.012 | 182.745 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.344 | 79.668 |
| n-Propanol | 2.374 | 213.775 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|---|-----------------------------|
| Sample: [REDACTED] | Item number: 1198290 |
| Injection date: 3/13/2018 12:23:07 PM | Vial: 29 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023 CN14160045 | Analyst: Adrian |
| Data file: C:\Chem32\1\Data\13Mar18\29.D | |

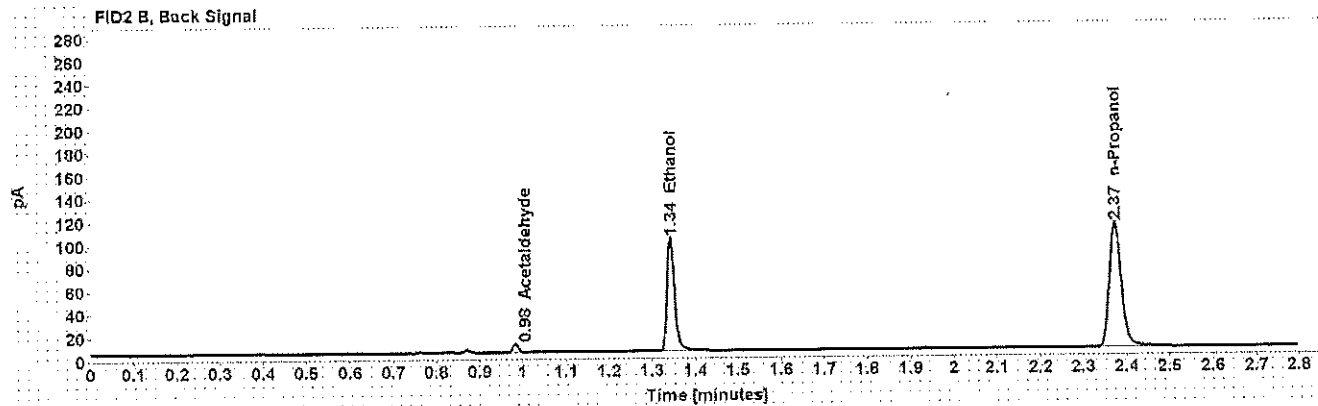
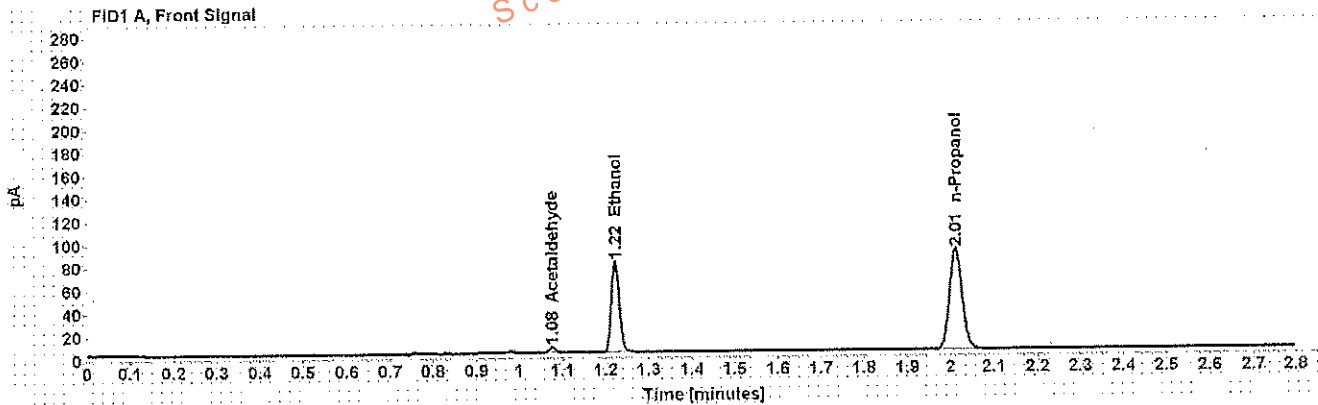


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.076 | 5.125 |
| >Ethanol | 0.1559 | 1.223 | 101.518 |
| n-Propanol | ----- | 2.012 | 178.830 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.983 | 6.434 |
| Ethanol | 1.343 | 120.518 |
| n-Propanol | 2.374 | 209.256 |

Case: [REDACTED] User: wadrian 3/13/2018

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|---|----------------------|
| Sample: [REDACTED] | Item number: 1198290 |
| Injection date: 3/13/2018 12:27:07 PM | Vial: 30 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023 CN14160045 | Analyst: Adrian |
| Data file: C:\Chem32\11\Data\13Mar18\30.D | |

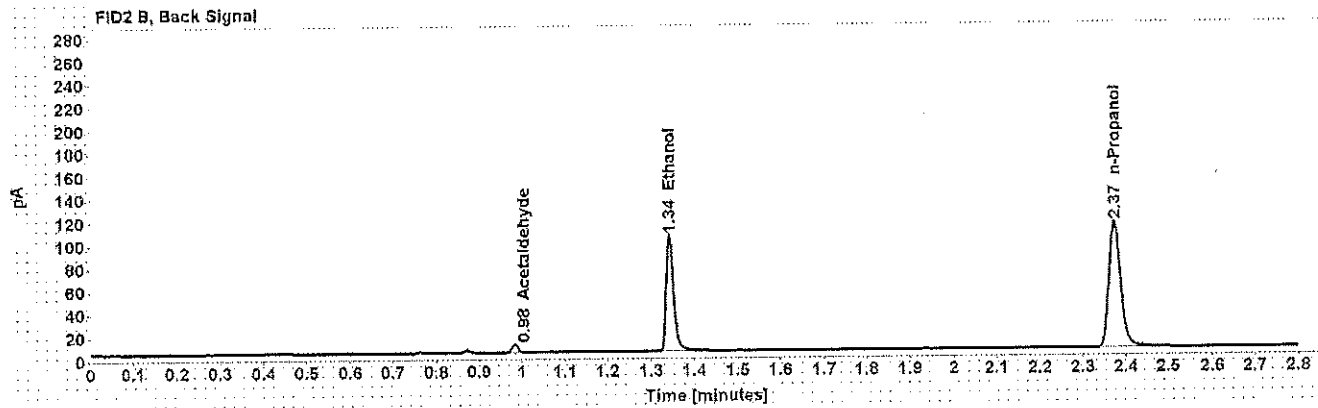
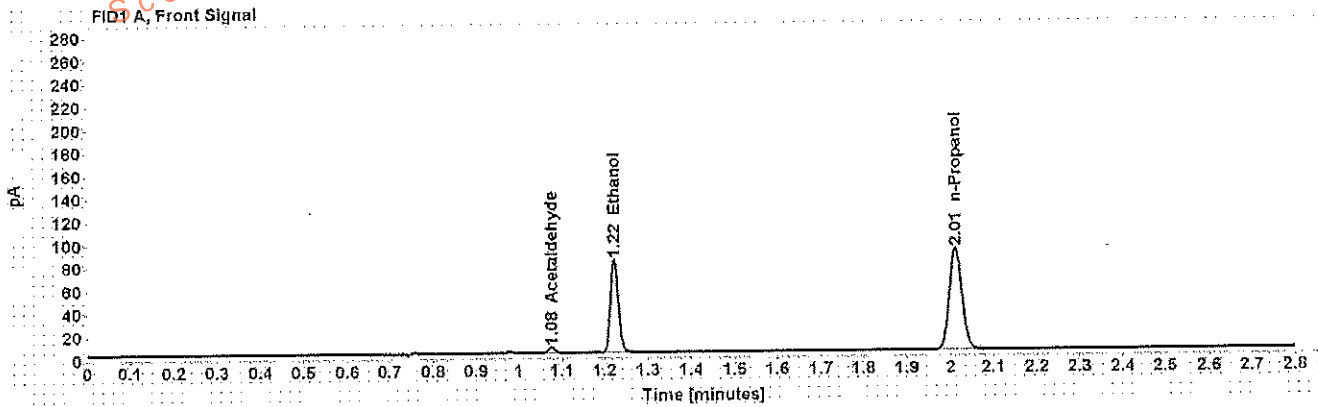


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.077 | 5.129 |
| >Ethanol | 0.1574 | 1.223 | 103.696 |
| n-Propanol | ----- | 2.012 | 180.947 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.984 | 6.470 |
| Ethanol | 1.343 | 122.923 |
| n-Propanol | 2.374 | 212.029 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|-----------------|-------------------------------|--------------|---------|
| Sample: | [REDACTED] | Item number: | 1198368 |
| Injection date: | 3/13/2018 12:35:22 PM | Vial: | 32 |
| Method: | ethanol quant.M | Sequence: | 13Mar18 |
| Instrument: | US14173023.CN14160045 | Analyst: | Adrian |
| Data file: | C:\Chem32\1\Data\13Mar18\32.D | | |

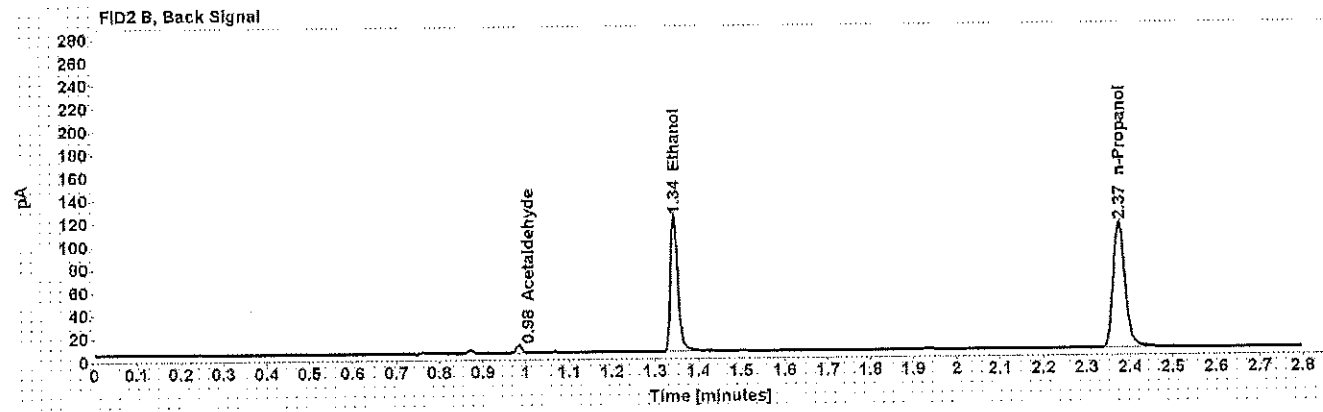
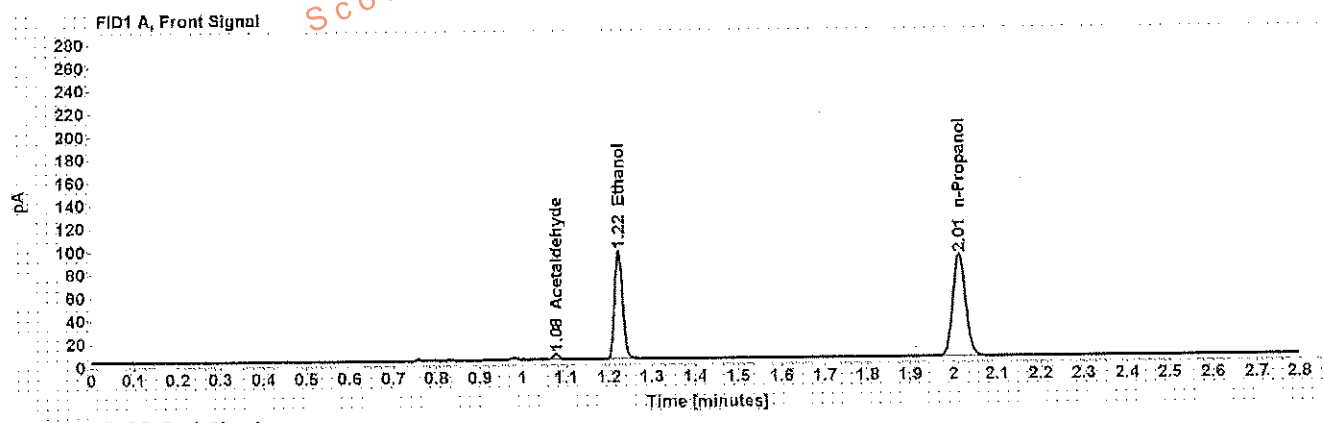


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.077 | 4.891 |
| >Ethanol | 0.1831 | 1.223 | 120.782 |
| n-Propanol | ----- | 2.012 | 180.940 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.984 | 6.160 |
| Ethanol | 1.344 | 143.225 |
| n-Propanol | 2.375 | 212.291 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|-----------------|------------------------------|--------------|---------|
| Sample: | [REDACTED] | Item number: | 1198368 |
| Injection date: | 3/13/2018 12:39:22 PM | Vial: | 33 |
| Method: | ethanol quant.M | Sequence: | 13Mar18 |
| Instrument: | US14173023 CN14160045 | Analyst: | Adrian |
| Data file: | C:\Chem321\Data\13Mar18\33.D | | |

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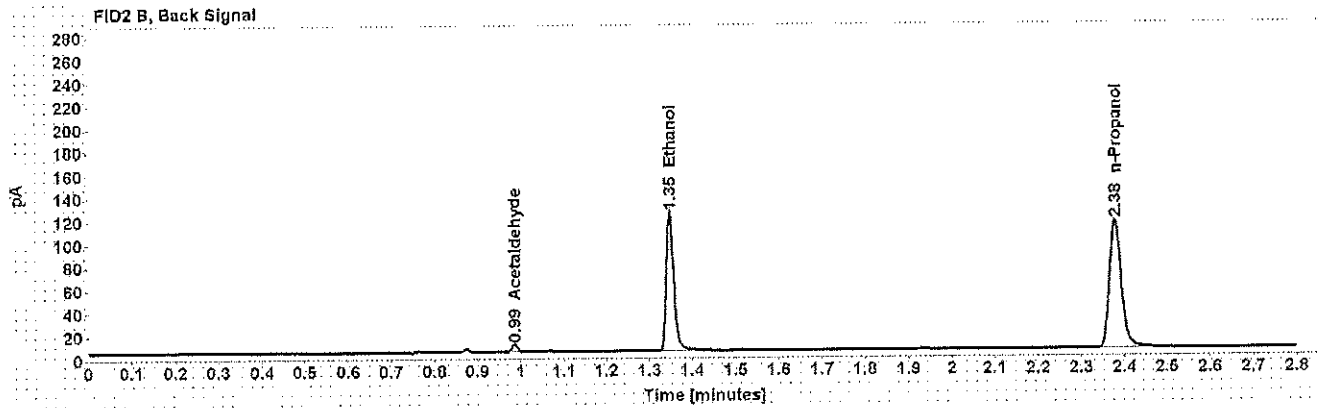
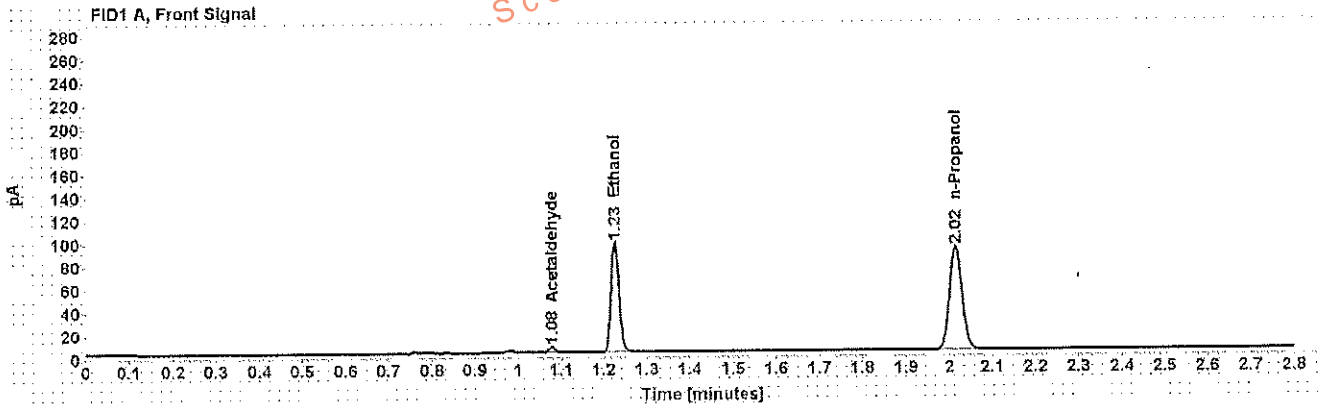


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.079 | 4.856 |
| >Ethanol | 0.1849 | 1.226 | 123.742 |
| n-Propanol | ----- | 2.015 | 183.601 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.986 | 6.100 |
| Ethanol | 1.348 | 147.025 |
| n-Propanol | 2.379 | 215.360 |

Case: [REDACTED] User: wadrian 3/13/2018

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|---|----------------------|
| Sample: [REDACTED] | Item number: 1199265 |
| Injection date: 3/13/2018 12:43:22 PM | Vial: 34 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023 CN14160045 | Analyst: Adrian |
| Data file: C:\Chem32\11\Data\13Mar18\34.D | |

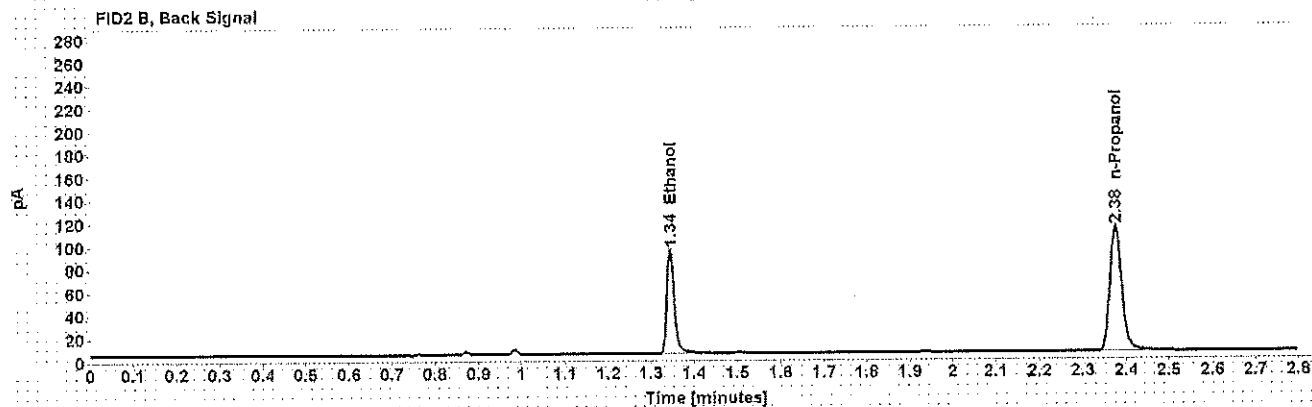
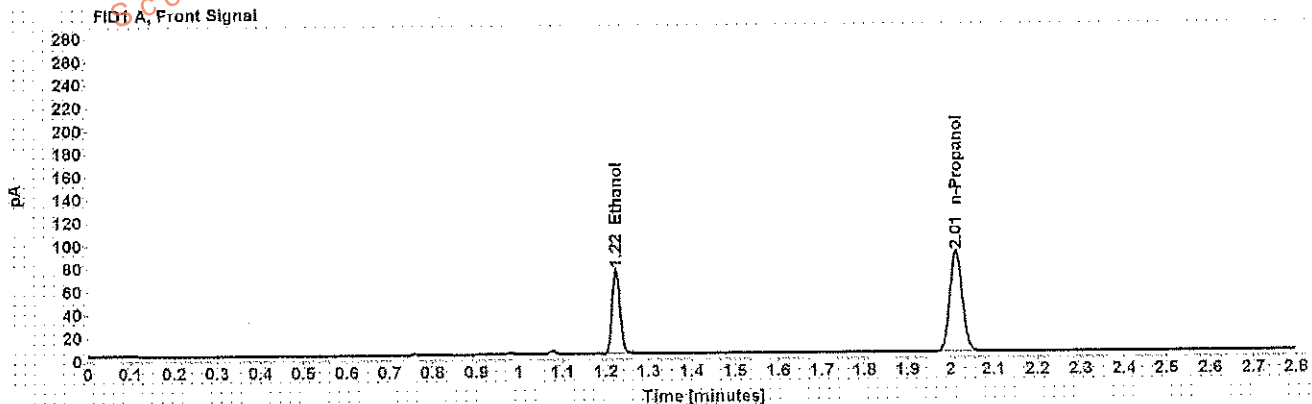


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1444 | 1.224 | 93.877 |
| n-Propanol | ----- | 2.013 | 178.712 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.345 | 111.236 |
| n-Propanol | 2.375 | 209.829 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|---|-----------------------------|
| Sample: [REDACTED] | Item number: 1199265 |
| Injection date: 3/13/2018 12:47:22 PM | Vial: 35 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023.CN14160045 | Analyst: Adrian |
| Data file: C:\Chem32\1\Data\13Mar18\35.D | |

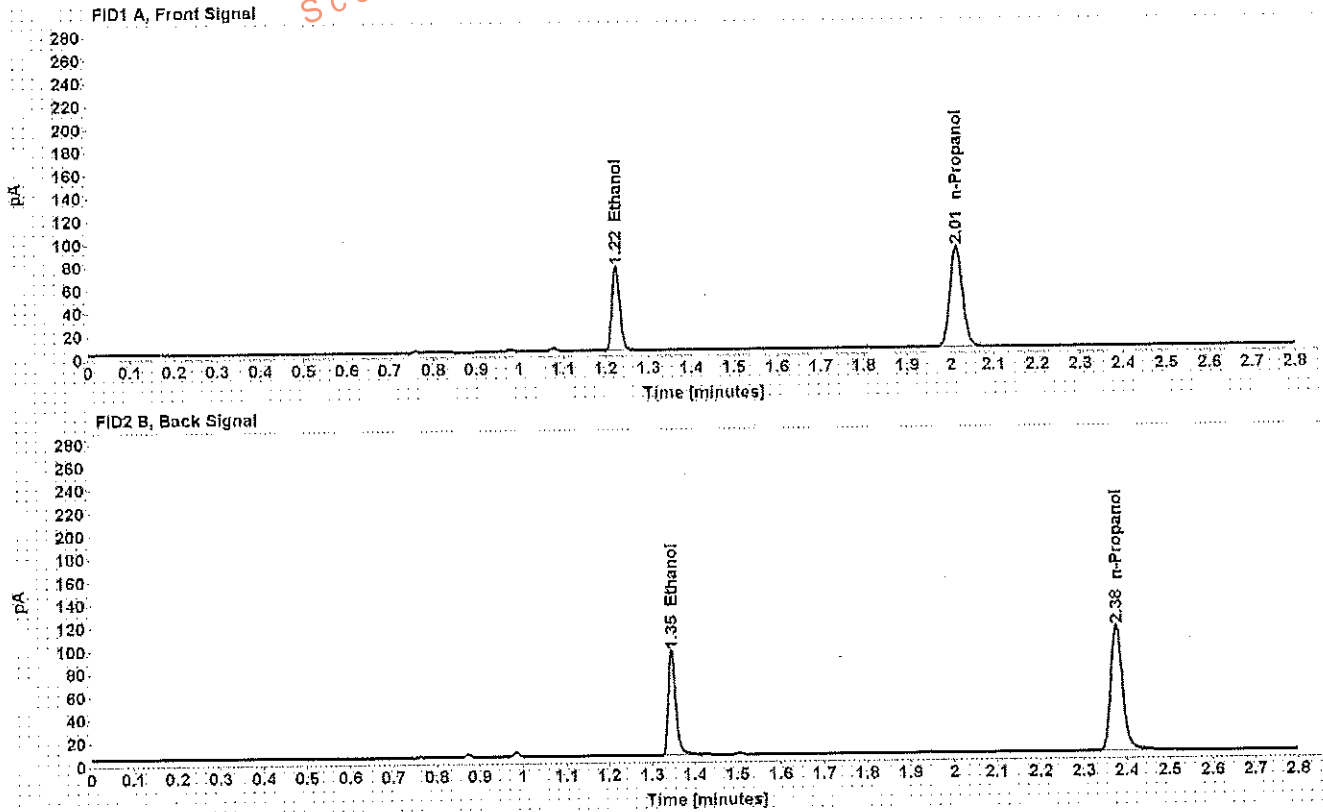


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.1445 | 1.224 | 94.285 |
| n-Propanol | ----- | 2.014 | 179.367 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.346 | 111.706 |
| n-Propanol | 2.376 | 210.767 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|-----------------|------------------------------|--------------|---------|
| Sample: | [REDACTED] | Item number: | 1198068 |
| Injection date: | 3/13/2018 12:51:22 PM | Vial: | 36 |
| Method: | ethanol quant.M | Sequence: | 13Mar18 |
| Instrument: | US14173023 CN14160045 | Analyst: | Adrian |
| Data file: | C:\Chem321\Data\13Mar18\36.D | | |

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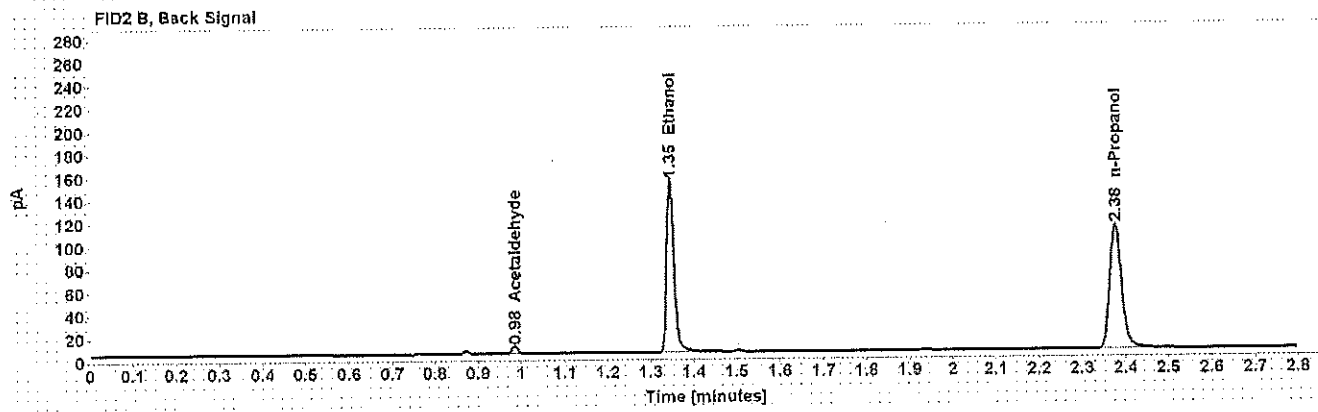
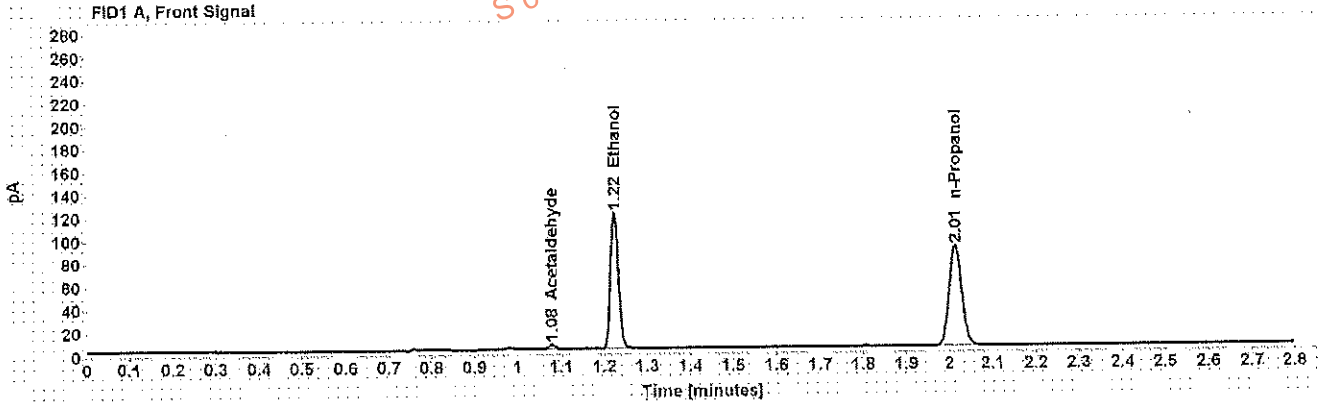


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.078 | 4.553 |
| >Ethanol | 0.2347 | 1.224 | 152.830 |
| n-Propanol | ----- | 2.014 | 178.332 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.985 | 5.662 |
| Ethanol | 1.345 | 181.834 |
| n-Propanol | 2.376 | 209.381 |

Case: [REDACTED] User: wadrian 3/13/2018

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|---|-----------------------------|
| Sample: [REDACTED] | Item number: 1198068 |
| Injection date: 3/13/2018 12:55:37 PM | Vial: 37 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023 CN14160045 | Analyst: Adrian |
| Data file: C:\Chem3211\Data\13Mar18\37.D | |

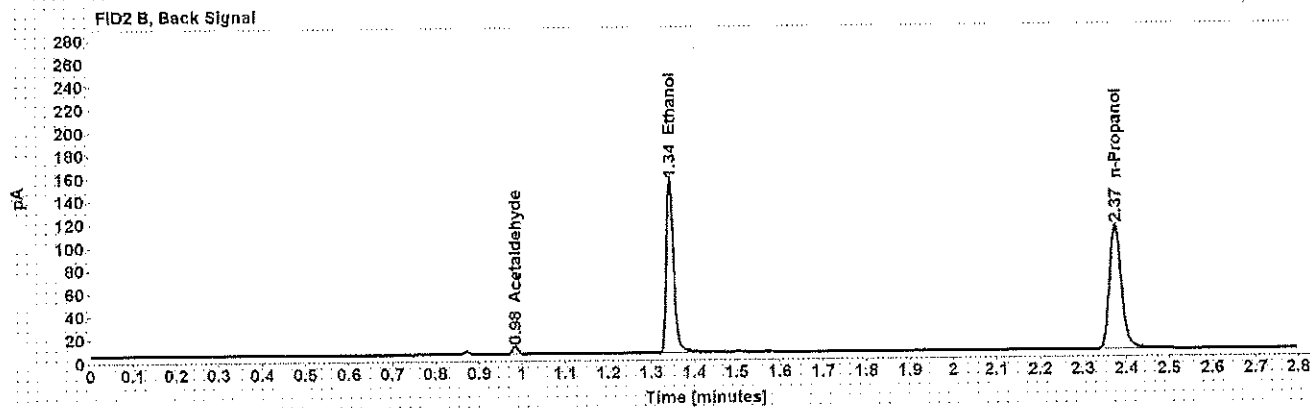
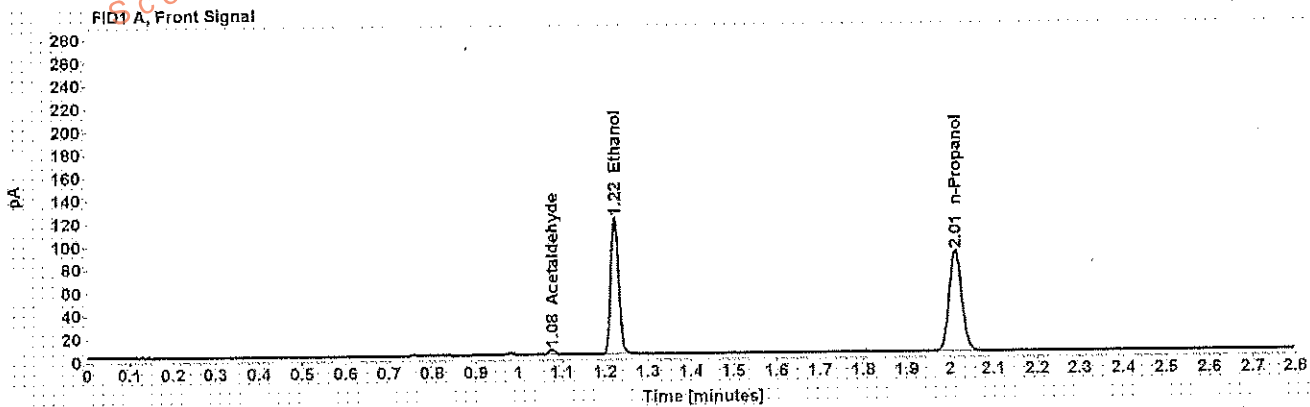


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.077 | 4.520 |
| >Ethanol | 0.2334 | 1.223 | 152.024 |
| n-Propanol | ----- | 2.012 | 178.360 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.984 | 5.723 |
| Ethanol | 1.343 | 180.992 |
| n-Propanol | 2.375 | 209.696 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|-----------------------------|
| Sample: [REDACTED] | Item number: 1199190 |
| Injection date: 3/13/2018 12:59:37 PM | Vial: 38 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023.CN14160045 | Analyst: Adrian |
| Data file: C:\Chem32\11\Data\13Mar18\38.D | |

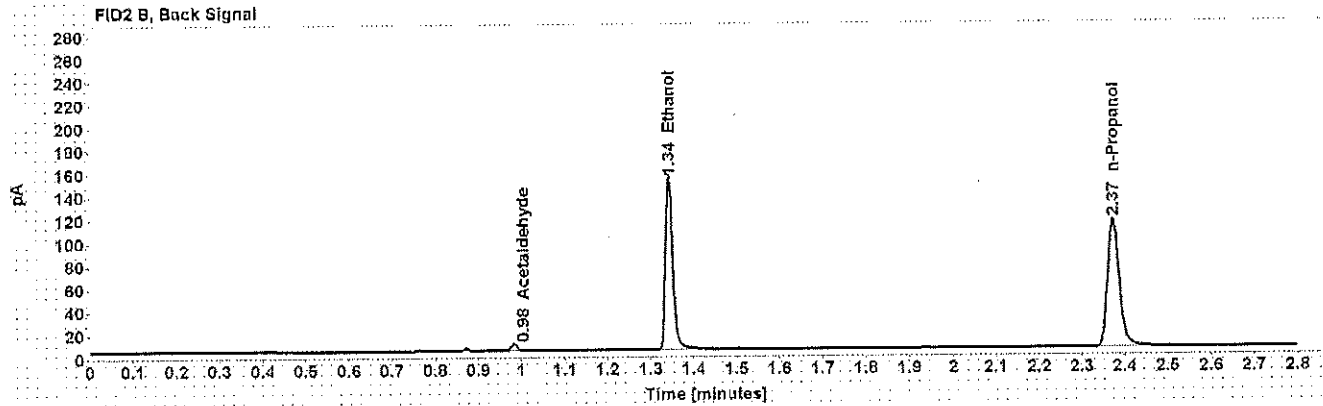
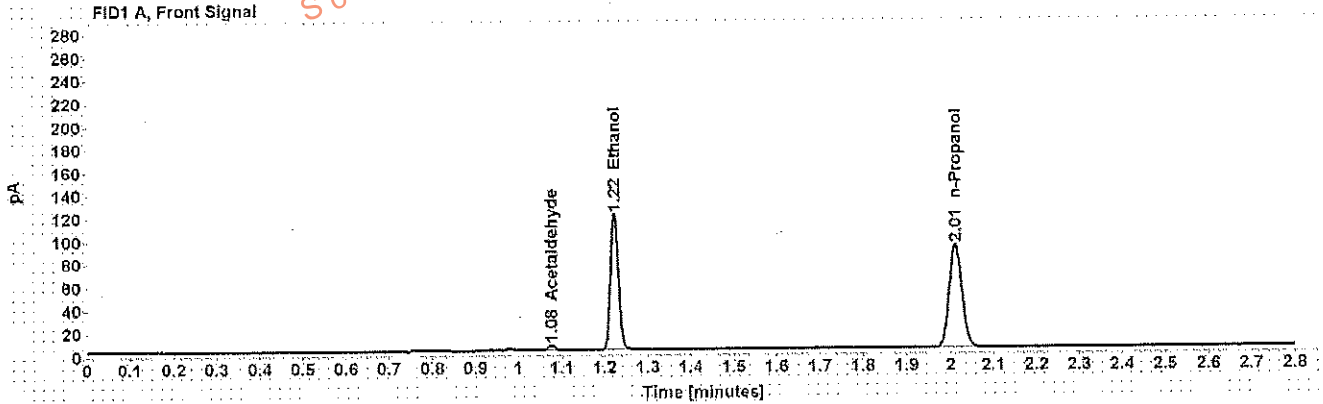


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.077 | 4.419 |
| >Ethanol | 0.2272 | 1.222 | 151.636 |
| n-Propanol | ----- | 2.012 | 182.849 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.983 | 5.553 |
| Ethanol | 1.343 | 180.835 |
| n-Propanol | 2.374 | 214.842 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | | | |
|-----------------|-------------------------------|--------------|---------|
| Sample: | [REDACTED] | Item number: | 1199190 |
| Injection date: | 3/13/2018 1:03:37 PM | Vial: | 39 |
| Method: | ethanol quant.M | Sequence: | 13Mar18 |
| Instrument: | US14173023 CN14160045 | Analyst: | Adrian |
| Data file: | C:\Chem32\1\Data\13Mar18\39.D | | |

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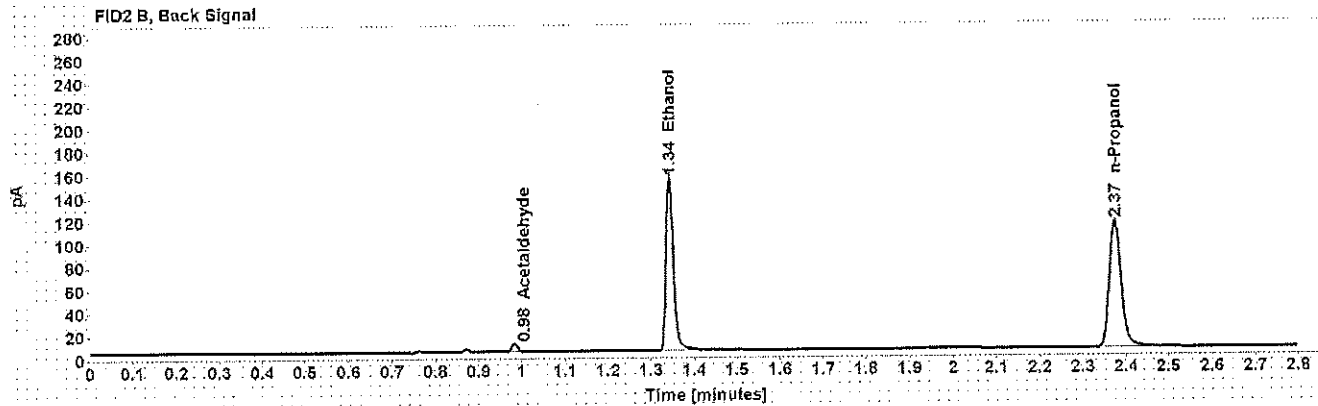
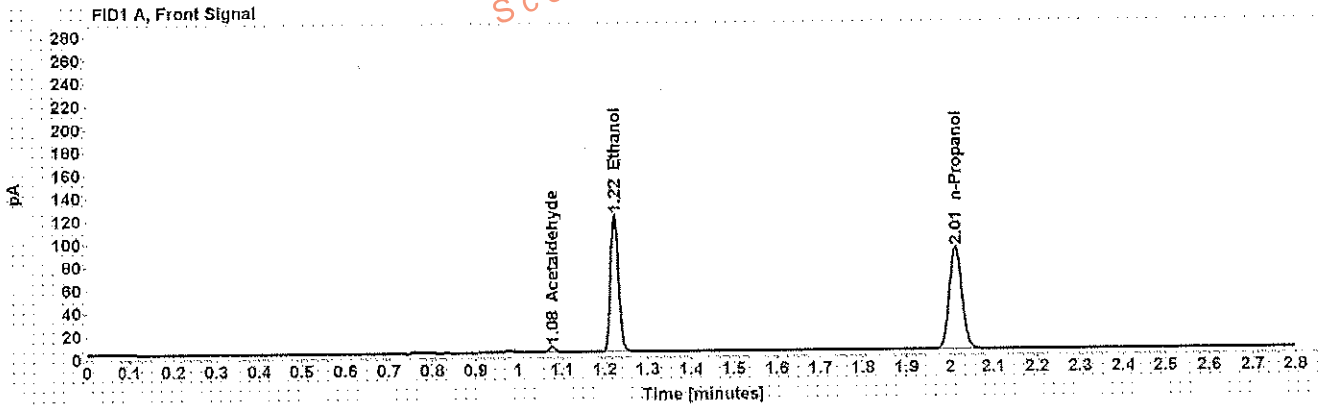


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.077 | 5.003 |
| >Ethanol | 0.2299 | 1.223 | 152.700 |
| n-Propanol | ----- | 2.012 | 181.951 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.984 | 6.299 |
| Ethanol | 1.343 | 181.658 |
| n-Propanol | 2.374 | 214.036 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|----------------------|
| Sample: [REDACTED] | Item number: 1200805 |
| Injection date: 3/13/2018 1:07:37 PM | Vial: 40 |
| Method: ethanol quant M | Sequence: 13Mar18 |
| Instrument: US14173023 CN14160045 | Analyst: Adrian |
| Data file: C:\Chem3211\Data\13Mar18\40.D | |

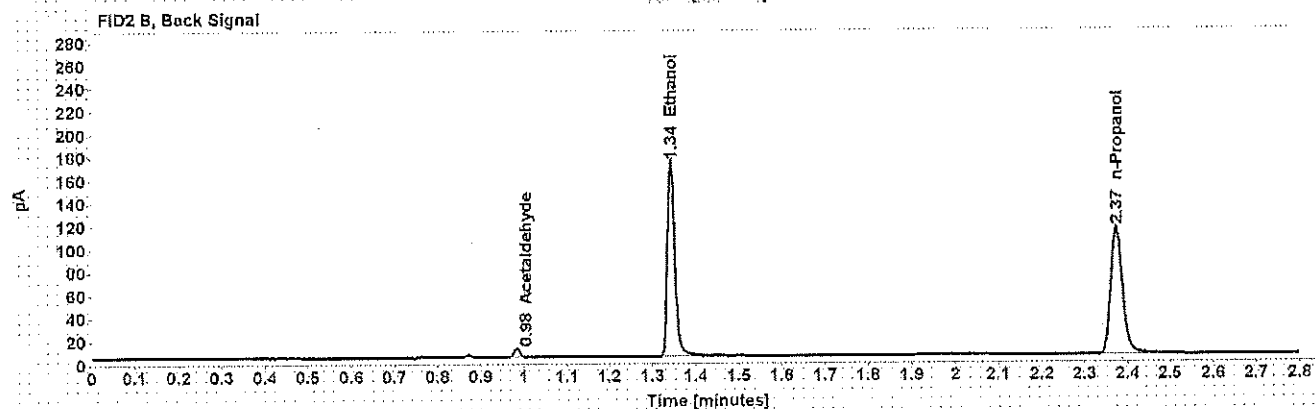
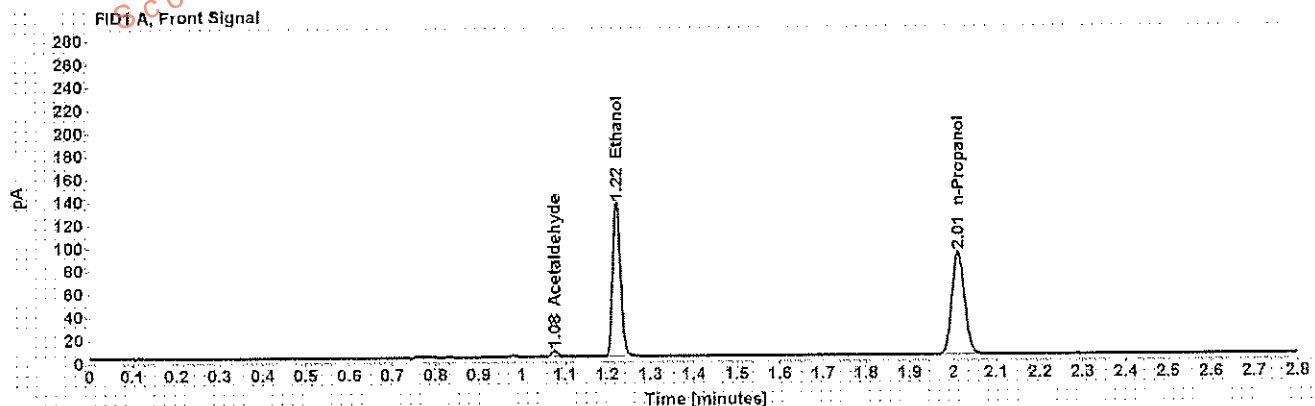


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.077 | 5.671 |
| >Ethanol | 0.2578 | 1.222 | 171.550 |
| n-Propanol | ----- | 2.012 | 182.146 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.983 | 7.118 |
| Ethanol | 1.343 | 204.368 |
| n-Propanol | 2.374 | 214.173 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|----------------------|
| Sample: [REDACTED] | Item number: 1200805 |
| Injection date: 3/13/2018 1:11:37 PM | Vial: 41 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023.GN14160045 | Analyst: Adrian |
| Data file: C:\Chem3211\Data\13Mar18\41.D | |

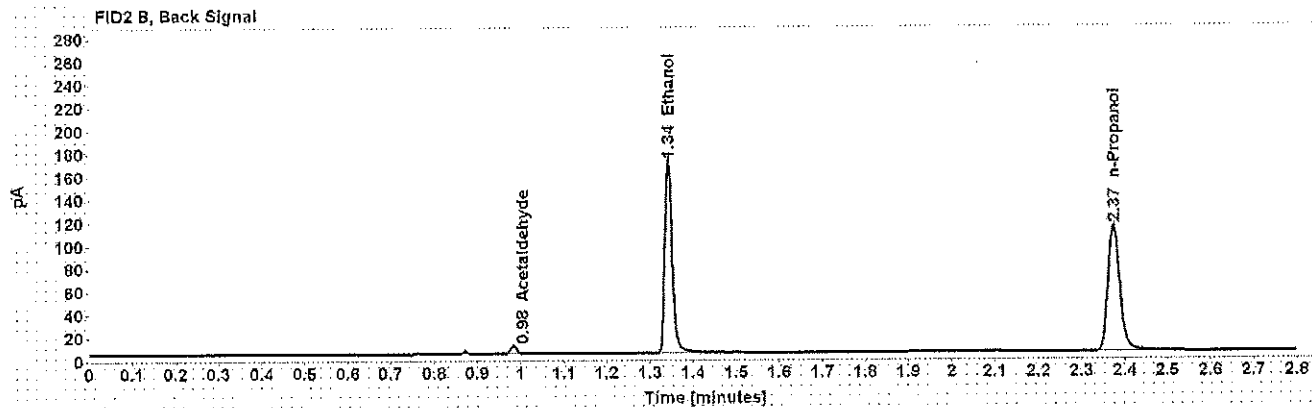
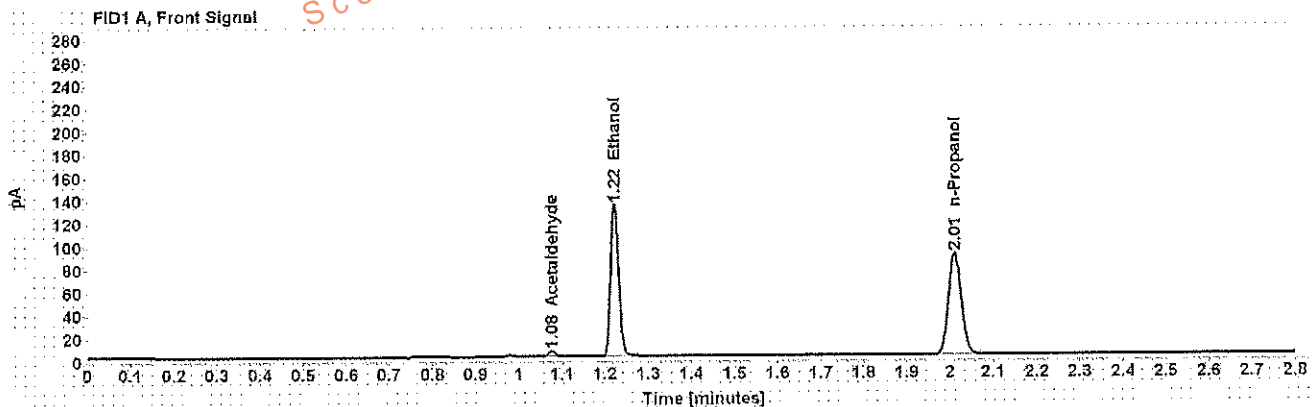


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.077 | 5.191 |
| >Ethanol | 0.2566 | 1.222 | 169.310 |
| n-Propanol | ----- | 2.012 | 180.603 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.983 | 6.577 |
| Ethanol | 1.343 | 202.094 |
| n-Propanol | 2.374 | 212.464 |

Scottsdale Police Department Crime Lab Volatiles Analysis

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Scottsdale City Prosecutor

| | | | |
|-----------------|-------------------------------|--------------|---------|
| Sample: | [REDACTED] | Item number: | 1200343 |
| Injection date: | 3/13/2018 1:19:52 PM | Vial: | 43 |
| Method: | ethanol quant.M | Sequence: | 13Mar18 |
| Instrument: | US14173023 CN14160045 | Analyst: | Adrian |
| Data file: | C:\Chem32\1\Data\13Mar18\43.D | | |

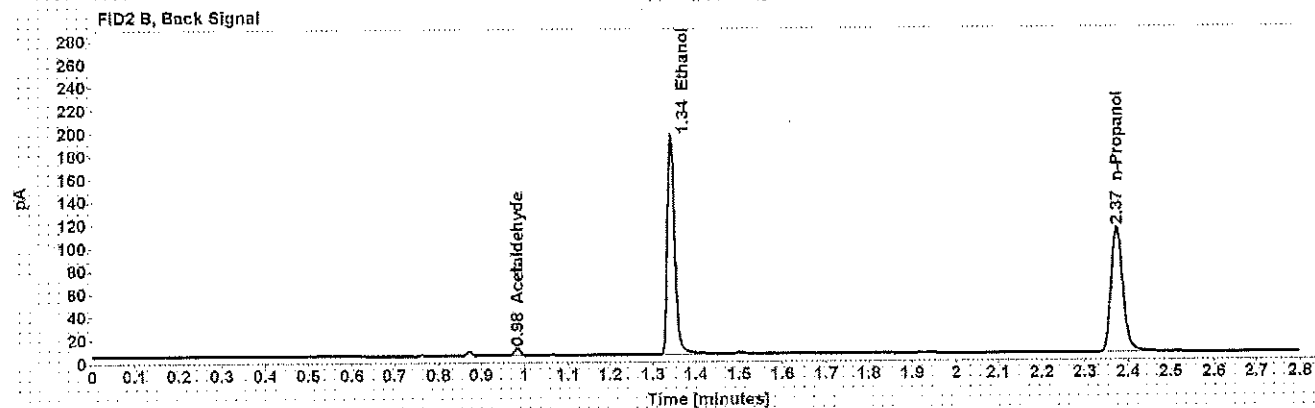
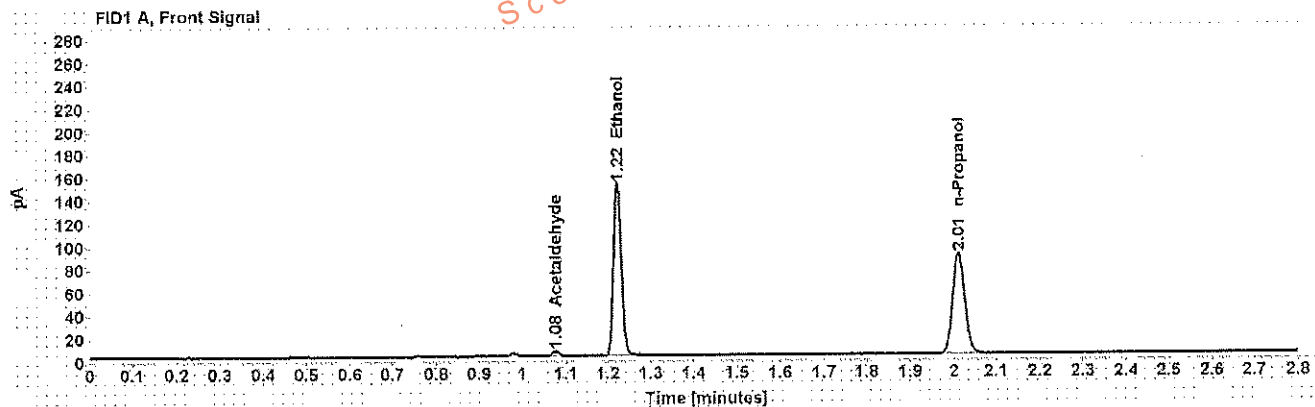


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.077 | 4.453 |
| >Ethanol | 0.2953 | 1.222 | 192.555 |
| n-Propanol | ----- | 2.012 | 178.343 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.983 | 5.619 |
| Ethanol | 1.342 | 231.179 |
| n-Propanol | 2.374 | 210.738 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|----------------------|
| Sample: [REDACTED] | Item number: 1200343 |
| Injection date: 3/13/2018 1:23:52 PM | Vial: 44 |
| Method: ethanol quant M | Sequence: 13Mar18 |
| Instrument: US14173023 CN14160045 | Analyst: Adrian |
| Data file: C:\Chem3211\Data\13Mar18\44.D | |

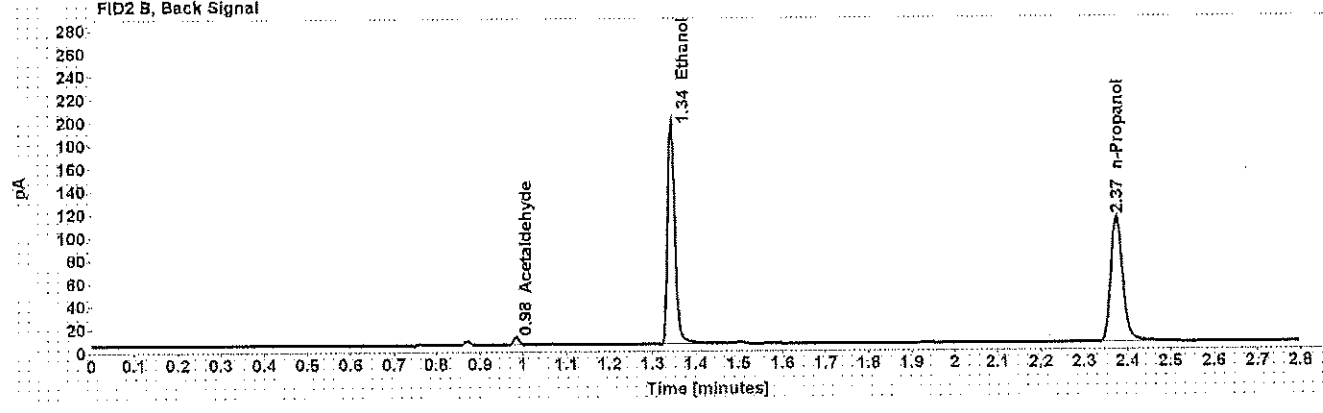
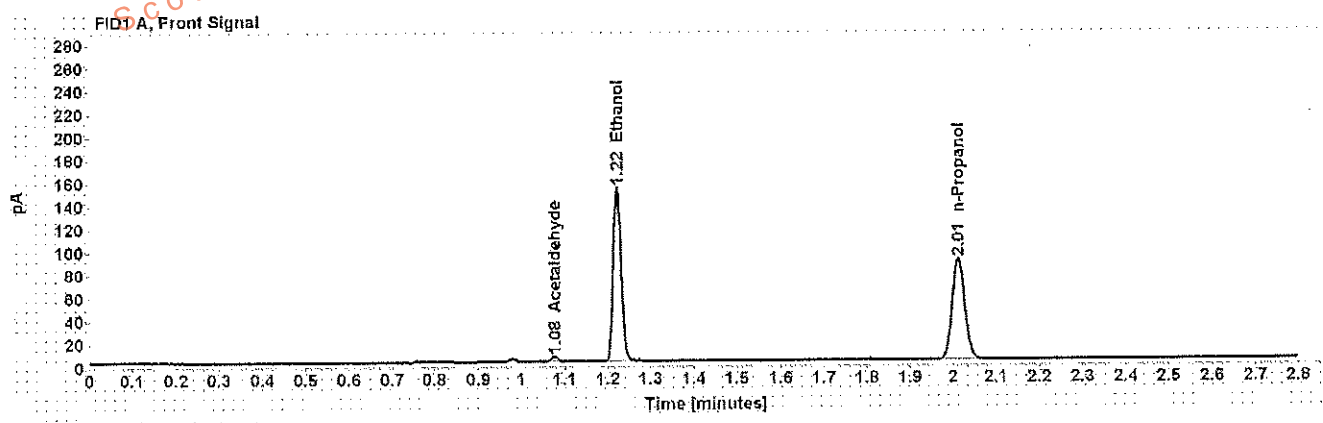


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.077 | 4.563 |
| >Ethanol | 0.2968 | 1.222 | 194.445 |
| n-Propanol | ----- | 2.012 | 179.197 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.984 | 5.734 |
| Ethanol | 1.343 | 233.801 |
| n-Propanol | 2.374 | 211.428 |

Scottsdale Police Department Crime Lab Volatiles Analysis

| | |
|--|----------------------|
| Sample: [REDACTED] | Item number: 1202153 |
| Injection date: 3/13/2018 1:27:52 PM | Vial: 45 |
| Method: ethanol quant.M | Sequence: 13Mar18 |
| Instrument: US14173023.GN14160045 | Analyst: Adrian |
| Data file: C:\Chem3211\Data\13Mar18\45.D | |

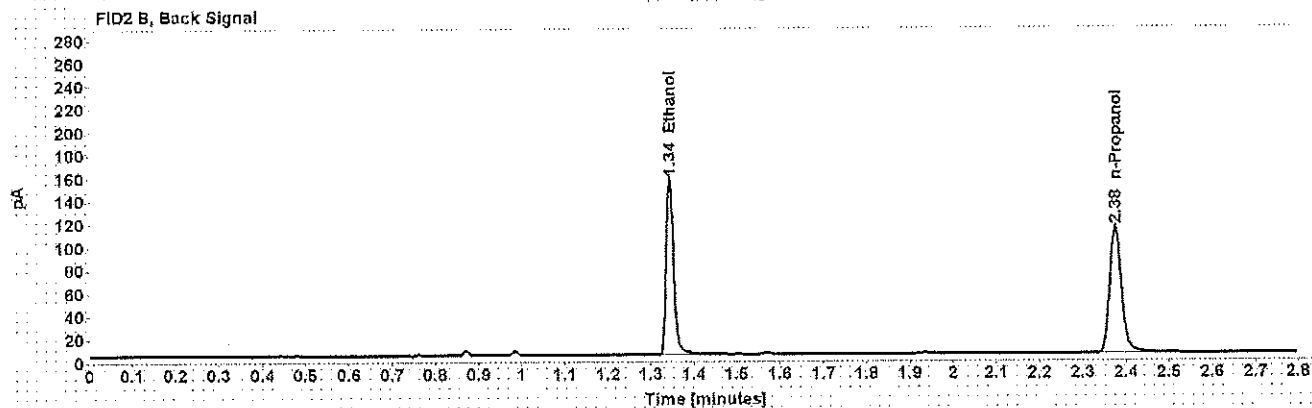
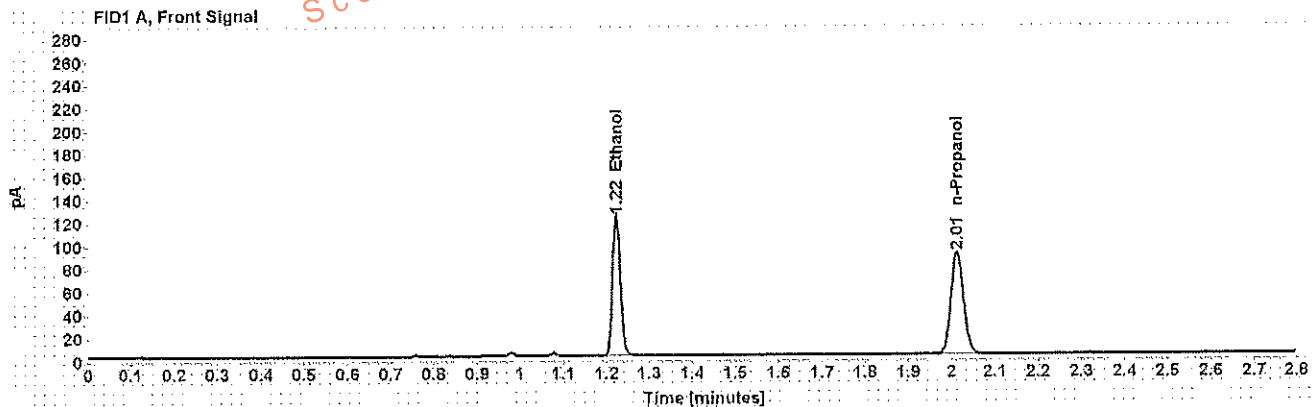


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.2354 | 1.223 | 155.716 |
| n-Propanol | ----- | 2.013 | 181.153 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.344 | 186.741 |
| n-Propanol | 2.375 | 212.940 |

Scottsdale Police Department Crime Lab Volatiles Analysis

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Scottsdale City Prosecutor

| | | | |
|-----------------|-------------------------------|--------------|---------|
| Sample: | [REDACTED] | Item number: | 1202153 |
| Injection date: | 3/13/2018 1:31:52 PM | Vial: | 46 |
| Method: | ethanol quant.M | Sequence: | 13Mar18 |
| Instrument: | US14173023 CN14160045 | Analyst: | Adrian |
| Data file: | C:\Chem32\1\Data\13Mar18\46.D | | |

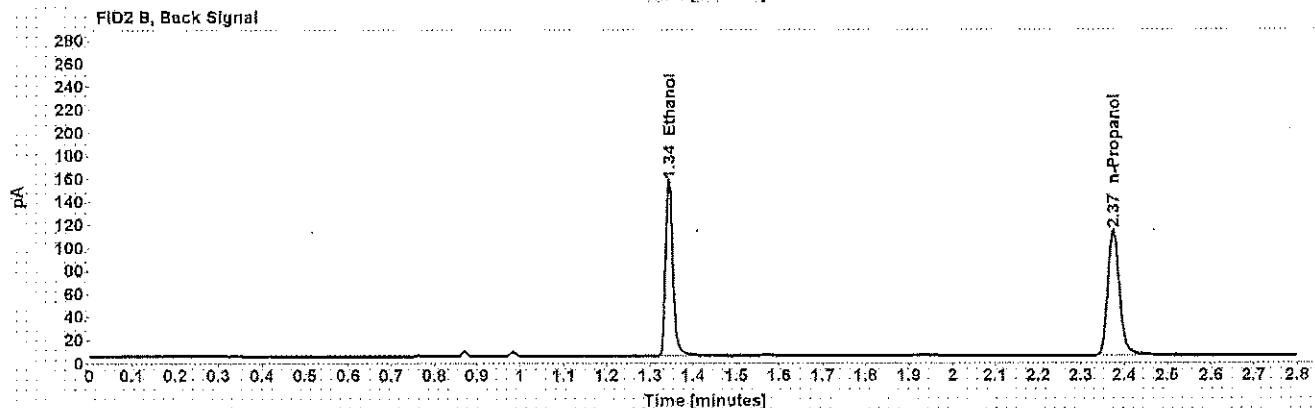
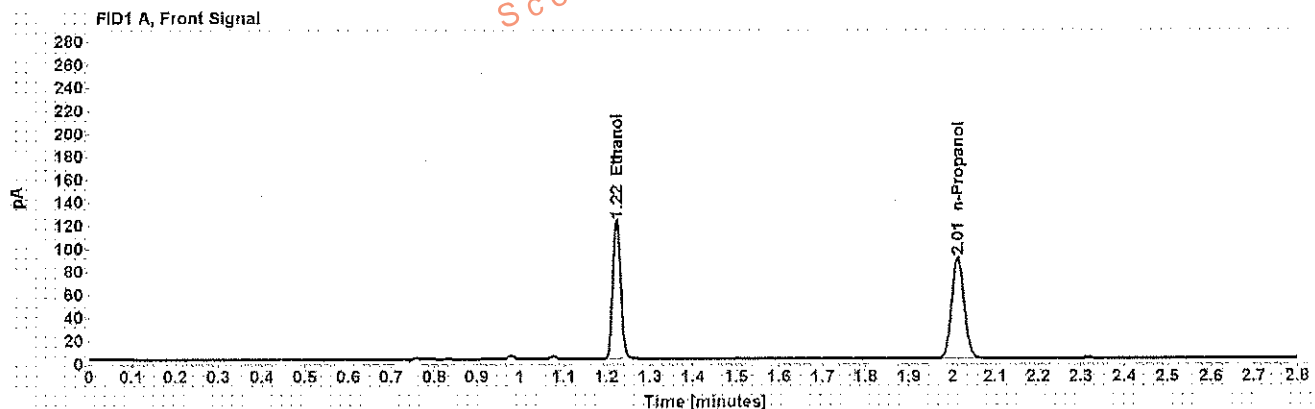


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|------------|------------------|------------|-----------|
| >Ethanol | 0.2373 | 1.223 | 154.561 |
| n-Propanol | ----- | 2.013 | 178.366 |

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

| Compound | Time (min) | Peak Area |
|------------|------------|-----------|
| Ethanol | 1.344 | 185.531 |
| n-Propanol | 2.375 | 210.996 |

Case: [REDACTED] User: wadrian 3/13/2018

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1198280
Injection date: 3/13/2018 1:35:52 PM Vial: 47
Method: ethanol quant.M Sequence: 13Mar18
Instrument: US14173023 CN14160045 Analyst: Adrian
Data file: C:\Chem32\11\Data\13Mar18\47.D

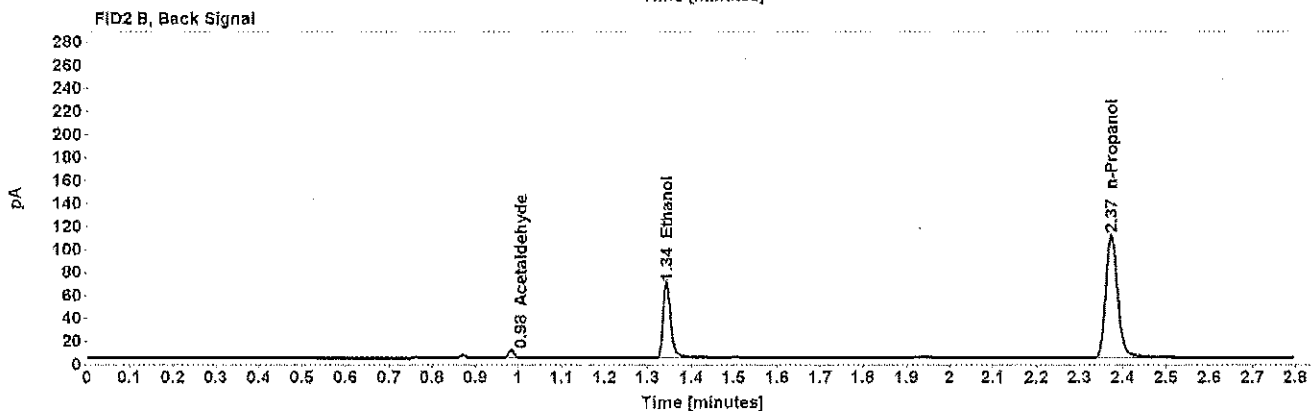
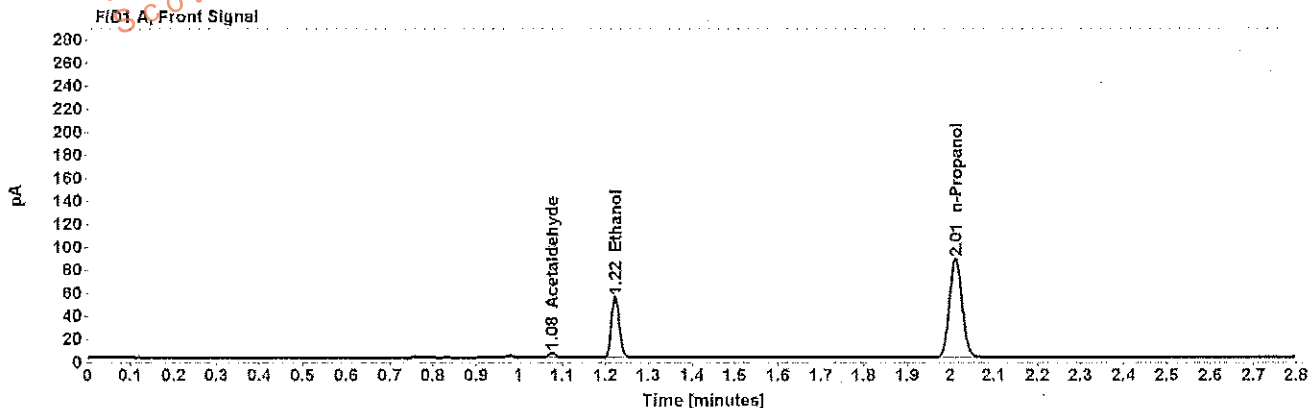


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.077 | 4.730 |
| >Ethanol | 0.1069 | 1.223 | 68.305 |
| n-Propanol | ----- | 2.012 | 176.213 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.983 | 5.960 |
| Ethanol | 1.343 | 80.029 |
| n-Propanol | 2.374 | 207.112 |

Case: [REDACTED] User: wadrian 3/13/2018

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1198280
Injection date: 3/13/2018 1:39:52 PM Vial: 48
Method: ethanol quant.M Sequence: 13Mar18
Instrument: US14173023.CN14160045 Analyst: Adrian
Data file: C:\Chem32\11\Data\13Mar18\48.D

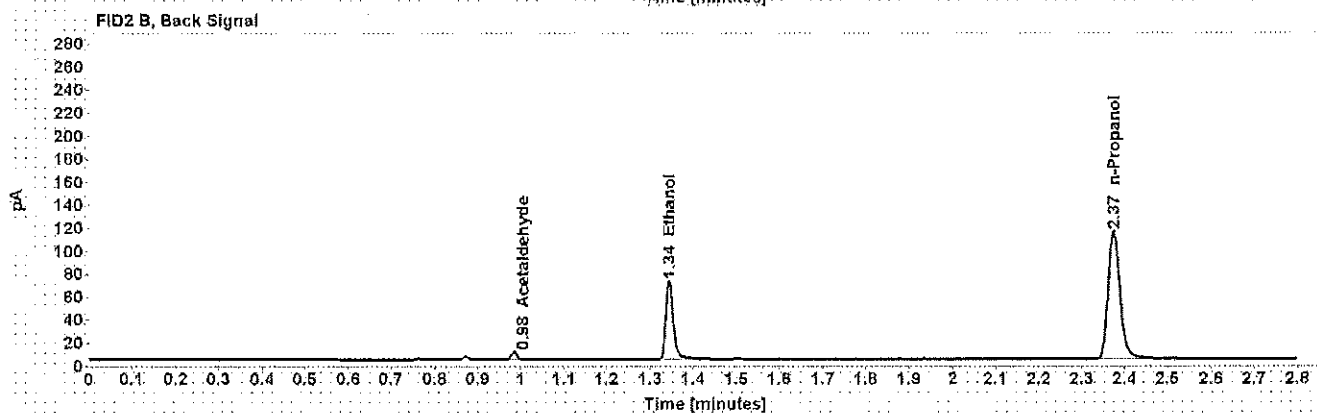
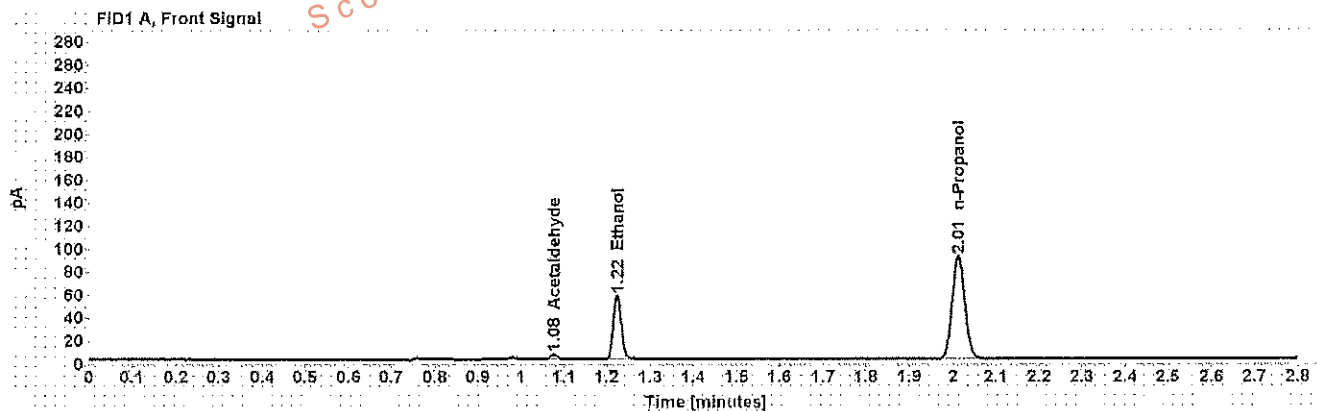


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.077 | 4.771 |
| >Ethanol | 0.1073 | 1.224 | 71.210 |
| n-Propanol | ----- | 2.013 | 183.102 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.984 | 5.989 |
| Ethanol | 1.345 | 83.541 |
| n-Propanol | 2.375 | 215.245 |

Scottsdale Police Department Crime Lab Volatiles Analysis

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| | | | |
|-----------------|-------------------------------|---------------|---------|
| Sample: | [REDACTED] | Item numbers: | 1199560 |
| Injection date: | 3/13/2018 1:44:07 PM | Vial: | 49 |
| Method: | ethanol quant.M | Sequence: | 13Mar18 |
| Instrument: | US14173023 CN14160045 | Analyst: | Adrian |
| Data file: | C:\Chem32\1\Data\13Mar18\49.D | | |

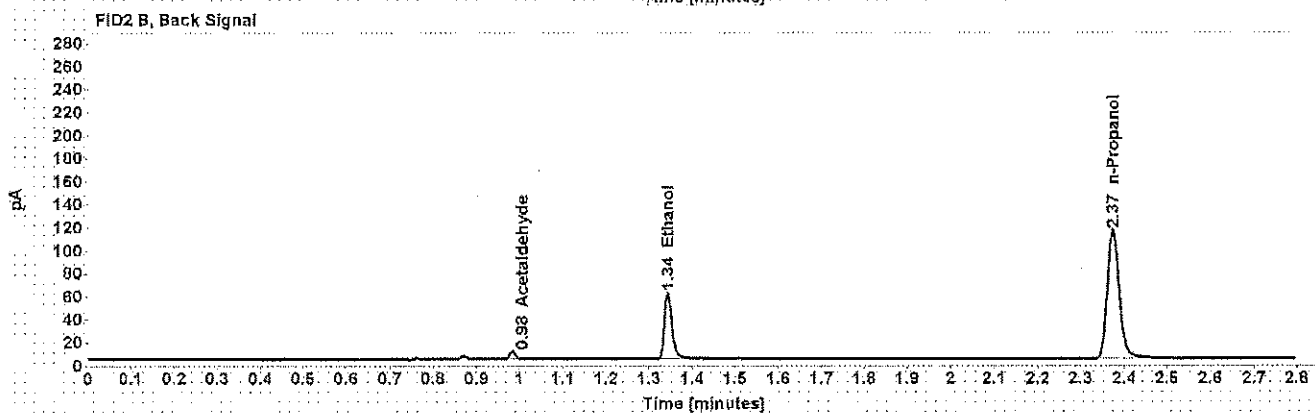
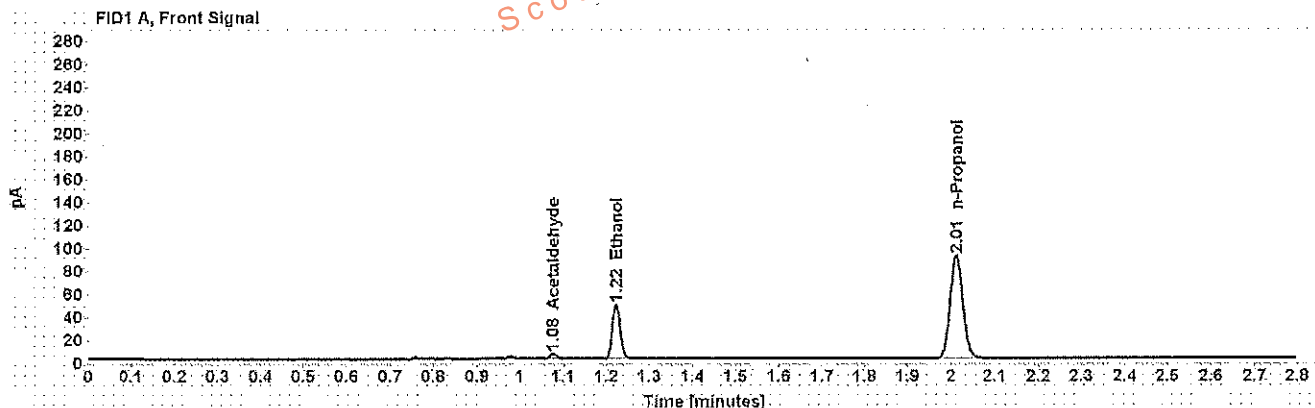


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.077 | 4.717 |
| >Ethanol | 0.0909 | 1.223 | 60.195 |
| n-Propanol | ----- | 2.012 | 183.112 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.983 | 5.962 |
| Ethanol | 1.344 | 70.211 |
| n-Propanol | 2.374 | 215.581 |

Case: [REDACTED] User: wadrian 3/13/2018

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: [REDACTED] Item number: 1199560
Injection date: 3/13/2018 1:48:07 PM Vial: 50
Method: ethanol quant.M Sequence: 13Mar18
Instrument: US14173023 CN14160045 Analyst: Adrian
Data file: C:\Chem3211\Data\13Mar18\50.D

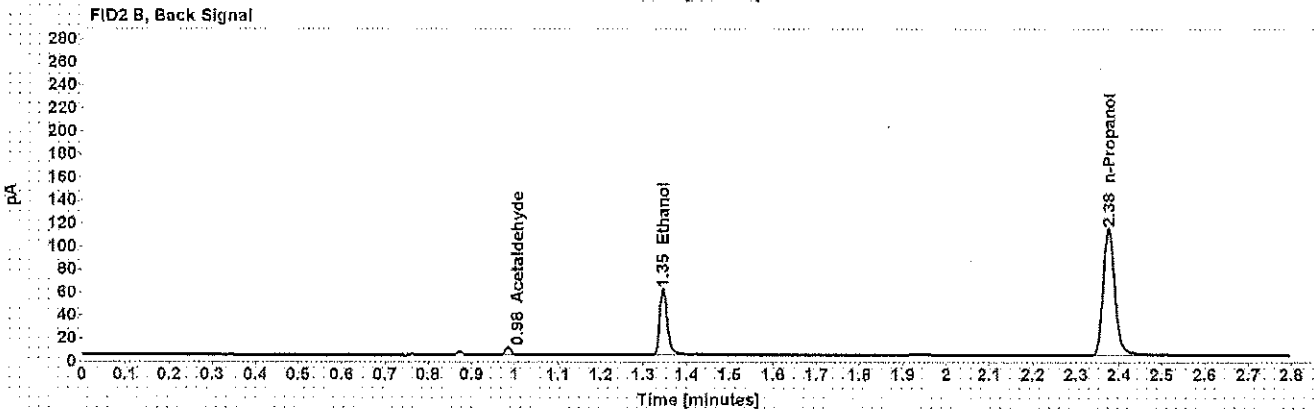
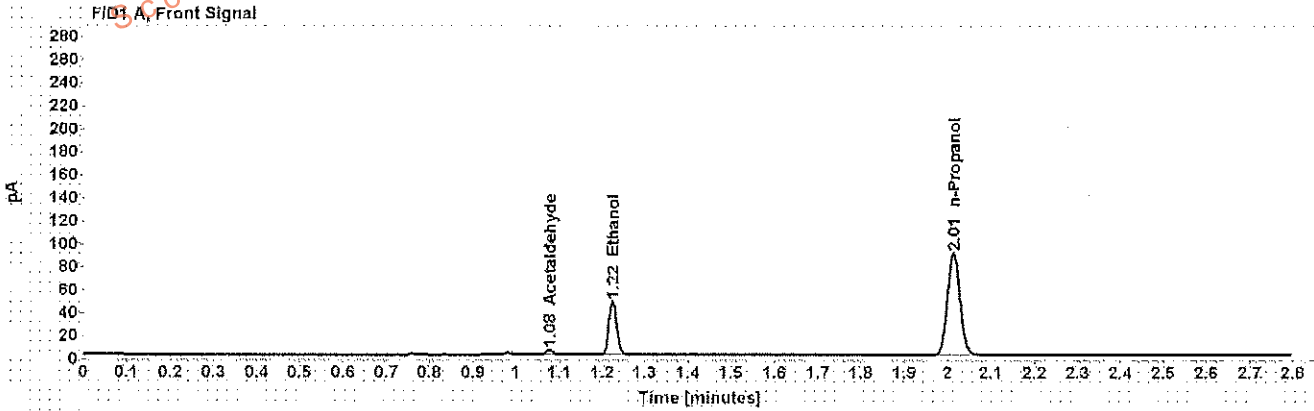


Table 1: FID 1 A (column DB-ALC1)

| Compound | Amount (g/100mL) | Time (min) | Peak Area |
|--------------|------------------|------------|-----------|
| Acetaldehyde | ----- | 1.077 | 4.710 |
| >Ethanol | 0.0919 | 1.224 | 60.213 |
| n-Propanol | ----- | 2.013 | 181.160 |

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

| Compound | Time (min) | Peak Area |
|--------------|------------|-----------|
| Acetaldehyde | 0.984 | 5.925 |
| Ethanol | 1.346 | 70.057 |
| n-Propanol | 2.376 | 213.064 |