# Brazoria County Crime Laboratory

## BAC Batch Review Checklist

| **Batch Name:** BAC_20240502_KB | | Analyst Review | Technical Review |
|---|---|---|---|
| **BAC Summary** | Verify batch name, instrument, analyst, UM%, and QC targets | ✓ | ✓ |
| | Verify Cal 1 obtained values and IS area counts | ✓ | ✓ |
| | Verify IS of all QCs and samples fall within acceptable area count range | ✓ | ✓ |
| **BAC Batch Information** | IS/calibrators/QCs lot numbers, expiration dates, and inventory numbers listed | ✓ | ✓ |
| | Confirm standards and/or reagents made in-house are verified | ✓ | ✓ |
| | Pipette(s) listed | ✓ | ✓ |
| **Sequence(s)** | Verify date is consistent with batch date | ✓ | ✓ |
| | Verify method used for all samples is correct, and all pages accounted for | ✓ | ✓ |
| | Reviewer verified, initialed, and dated sequence | ✓ | ✓ |
| **Method** | Verify correct method is included, and all pages accounted for | ✓ | ✓ |
| **Performance Check** | Verify air blank and PC are acceptable | ✓ | ✓ |
| **Calibration Table & Curve** | Verify date is consistent with calibration date, and all pages accounted for | ✓ | ✓ |
| | Verify $R^2$ values are acceptable for ethanol | ✓ | ✓ |
| **Data** | Verify calibrator area counts listed in the calibration table for ethanol | ✓ | ✓ |
| | Verify chromatography, retention time, and symmetry values are acceptable for ethanol | ✓ | ✓ |
| | Verify calibrators and QCs are within acceptable range for ethanol | ✓ | ✓ |
| | Verify all cases listed on BAC summary have data | ✓ | ✓ |
| | Verify barcodes match | ✓ | ✓ |
| **Ethanol Confirmation Worksheet(s)** | Verify aliquot values against data for all case samples | ✓ | ✓ |
| | Verify Reported Result and UM for all case samples | ✓ | ✓ |
| **JTrax** | Verify Reported Result and Reported UM against BAC Confirmation Worksheet(s) for all case samples | ✓ | ✓ |
| Verify QCs were added to QC log | | ✓ | ✓ |
| All comments and/or strikethroughs, if any, initialed | | ✓ | ✓ |
| All printed pages initialed | | ✓ | ✓ |
| Total number of pages | 108 | ✓ | ✓ |

Analyst Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2024.05.17 16:31:47 -05'00'

Date: 5/17/2024

Technical Review

Signature: Melissa Henry Digitally signed by Melissa Henry Date: 2024.05.21 13:44:58 -05'00'

Date: 5/21/2024

**Batch Name:** BAC_20240502_KB

# Technical Review Notes

N/A -- 5/21/2024 mh

# BAC Summary Worksheet

| | |
|---|---|
| **Batch Name:** | BAC_20240502_KB |
| **Instrument:** | BAC-1 |
| **Analyst:** | Kayla M. Baylor |
| **UM%:** | 14.39 |
| **Units:** | g/100 mL (unless otherwise stated) |

| | | FID1 | FID2 |
|---|---|---|---|
| **Average Calibrator IS Area Counts** | | 273.8338 | 256.4427 |
| **Acceptance Range** | **Min** | 246.4504 | 230.7985 |
| | **Max** | 301.2172 | 282.0870 |

| Calibrators | Ethanol Obtained Value FID1 | Ethanol Obtained Value FID2 | Ethanol Average | % Difference Average & Target | % Difference FID1 & Average | % Difference FID2 & Average | IS Area Counts FID1 | IS Area Counts FID2 |
|---|---|---|---|---|---|---|---|---|
| **0.010 g/100mL Calibrator** | 0.0104 | 0.0104 | 0.0104 | 4.00 | 0.00 | 0.00 | 279.9338 | 262.5455 |
| **0.025 g/100mL Calibrator** | 0.0245 | 0.0246 | 0.0245 | -2.00 | 0.00 | 0.41 | 279.0777 | 261.3773 |
| **0.050 g/100mL Calibrator** | 0.0497 | 0.0496 | 0.0496 | -0.80 | 0.20 | 0.00 | 268.6179 | 251.5522 |
| **0.100 g/100mL Calibrator** | 0.0988 | 0.0986 | 0.0987 | -1.30 | 0.10 | -0.10 | 276.7043 | 259.0690 |
| **0.200 g/100mL Calibrator** | 0.1977 | 0.1975 | 0.1976 | -1.20 | 0.05 | -0.05 | 272.5618 | 255.1393 |
| **0.400 g/100mL Calibrator** | 0.3996 | 0.3995 | 0.3995 | -0.13 | 0.03 | 0.00 | 271.8295 | 254.5288 |
| **0.500 g/100mL Calibrator** | 0.5043 | 0.5048 | 0.5045 | 0.90 | -0.04 | 0.06 | 268.1117 | 250.8870 |

| | | Target | Acceptance Range Min | Acceptance Range Max |
|---|---|---|---|---|
| **Calibrators** | **Level 1** | 0.0100 | 0.0090 | 0.0110 |
| | **Level 2** | 0.0250 | 0.0225 | 0.0275 |
| | **Level 3** | 0.0500 | 0.0450 | 0.0550 |
| | **Level 4** | 0.1000 | 0.0950 | 0.1050 |
| | **Level 5** | 0.2000 | 0.1900 | 0.2100 |
| | **Level 6** | 0.4000 | 0.3800 | 0.4200 |
| | **Level 7** | 0.5000 | 0.4750 | 0.5250 |

| Controls | Ethanol Obtained Value FID1 | Ethanol Obtained Value FID2 | Ethanol Average | % Difference Average & Target | % Difference FID1 & Average | % Difference FID2 & Average | IS Area Counts FID1 | IS Area Counts FID2 |
|---|---|---|---|---|---|---|---|---|
| **Negative** | 0.0000 | 0.0000 | 0.0000 | - | - | - | 271.0052 | 253.2982 |
| **High QC** | 0.4024 | 0.4030 | 0.4027 | 0.67 | -0.07 | 0.07 | 269.6653 | 251.9778 |
| **Low QC** | 0.0783 | 0.0781 | 0.0782 | -2.25 | 0.13 | -0.13 | 271.5261 | 253.8498 |
| **Blood QC A** | 0.0800 | 0.0794 | 0.0797 | 2.44 | 0.38 | -0.38 | 265.4102 | 247.9715 |
| **Blood QC B** | 0.1950 | 0.1954 | 0.1952 | -1.21 | -0.10 | 0.10 | 270.3071 | 252.2888 |
| **Blood QC A** | 0.0805 | 0.0801 | 0.0803 | 3.21 | 0.25 | -0.25 | 247.4182 | 230.9259 |
| **Blood QC B** | 0.2048 | 0.2049 | 0.2048 | 3.64 | 0.00 | 0.05 | 258.6494 | 241.2909 |
| **Blood QC A** | 0.0818 | 0.0814 | 0.0816 | 4.88 | 0.25 | -0.25 | 250.0941 | 233.4902 |
| **High QC** | 0.4021 | 0.4026 | 0.4023 | 0.57 | -0.05 | 0.07 | 262.8175 | 245.5764 |
| **Low QC** | 0.0802 | 0.0799 | 0.0800 | 0.00 | 0.25 | -0.13 | 266.8410 | 249.1181 |
| **DI Water** | 0.0000 | 0.0000 | 0.0000 | - | - | - | 268.6204 | 250.8362 |

| | | Target | Acceptance Range Min | Acceptance Range Max |
|---|---|---|---|---|
| **Controls** | **High QC** | 0.4000 | 0.3800 | 0.4200 |
| | **Low QC** | 0.0800 | 0.0760 | 0.0840 |
| | **Blood QC A** | 0.0778 | 0.0739 | 0.0817 |
| | **Blood QC B** | 0.1976 | 0.1877 | 0.2075 |

| | Lab Number | Ethanol Obtained Value Alq1 FID1 | Ethanol Obtained Value Alq1 FID2 | Ethanol Obtained Value Alq2 FID1 | Ethanol Obtained Value Alq2 FID2 | Result | UM | % Difference FID & Average Alq1 FID1 | Alq1 FID2 | Alq 2 FID1 | Alq2 FID2 | IS Area Counts Alq1 FID1 | IS Area Counts Alq1 FID2 | IS Area Counts Alq2 FID1 | IS Area Counts Alq2 FID2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | BCCL-21-1676 001 | 0.1529 | 0.1524 | 0.1525 | 0.1520 | 0.152 | 0.022 | 0.30 | -0.03 | 0.03 | -0.30 | 275.3781 | 257.5230 | 276.0534 | 258.1527 |
| 2 | BCCL-23-2013 001 | 0.1135 | 0.1131 | 0.1167 | 0.1164 | 0.114 | 0.016 | -1.24 | -1.59 | 1.54 | 1.28 | 272.1943 | 254.4594 | 267.3066 | 249.7796 |
| 3 | BCCL-23-2040 001 | 0.2486 | 0.2481 | 0.2388 | 0.2383 | 0.243 | 0.035 | 2.12 | 1.91 | -1.91 | -2.12 | 261.9008 | 244.9845 | 278.7003 | 260.5127 |
| 4 | BCCL-23-2059 003 | 0.1195 | 0.1195 | 0.1148 | 0.1143 | 0.117 | 0.017 | 2.11 | 2.11 | -1.90 | -2.33 | 273.4680 | 255.6275 | 273.0489 | 255.1456 |
| 5 | BCCL-23-2064 001 | 0.1756 | 0.1753 | 0.1797 | 0.1800 | 0.177 | 0.025 | -1.15 | -1.32 | 1.15 | 1.32 | 269.8844 | 252.0226 | 274.5795 | 256.3976 |
| 6 | BCCL-23-2078 001 | 0.1786 | 0.1787 | 0.1729 | 0.1731 | 0.175 | 0.025 | 1.58 | 1.64 | -1.66 | -1.55 | 262.9971 | 245.7279 | 268.6623 | 251.0011 |
| 7 | BCCL-23-2104 001 | 0.1847 | 0.1840 | 0.1855 | 0.1855 | 0.184 | 0.026 | -0.12 | -0.50 | 0.31 | 0.31 | 278.5472 | 260.6337 | 281.9683 | 263.6262 |
| 8 | BCCL-23-2115 001 | 0.2580 | 0.2578 | 0.2408 | 0.2408 | 0.249 | 0.036 | 3.47 | 3.39 | -3.43 | -3.43 | 274.9860 | 256.9876 | 262.4506 | 245.2509 |
| 9 | **BCCL-24-0388 004** | 0.0707 | 0.0705 | 0.0710 | 0.0705 | 0.070 | 0.010 | 0.04 | -0.25 | 0.46 | -0.25 | 262.3553 | 244.8281 | 268.7559 | 250.9528 |
| 10 | BCCL-24-0433 001 | 0.1439 | 0.1442 | 0.1507 | 0.1502 | 0.147 | 0.021 | -2.28 | -2.07 | 2.34 | 2.00 | 275.2731 | 257.0507 | 263.6701 | 246.4226 |
| 11 | BCCL-24-0795 001 | 0.1779 | 0.1783 | 0.1773 | 0.1765 | 0.177 | 0.025 | 0.23 | 0.45 | -0.11 | -0.56 | 268.7449 | 251.0446 | 275.2540 | 257.5406 |
| 12 | BCCL-24-0796 001 | 0.1174 | 0.1174 | 0.1174 | 0.1168 | 0.117 | 0.017 | 0.13 | 0.13 | 0.13 | -0.38 | 271.4408 | 253.7924 | 269.3307 | 251.8862 |
| 13 | BCCL-24-0797 001 | 0.1724 | 0.1718 | 0.1914 | 0.1908 | ~~0.181~~ | ~~0.026~~ | -5.07 | -5.40 | 5.40 | 5.07 | 273.2366 | 255.6568 | 268.7061 | 251.5515 |
| 14 | BCCL-24-0807 001 | 0.1825 | 0.1822 | 0.1812 | 0.1810 | 0.181 | 0.026 | 0.43 | 0.26 | -0.29 | -0.40 | 267.9871 | 250.4903 | 283.4208 | 265.1297 |
| 15 | BCCL-24-0810 001 | 0.1409 | 0.1403 | 0.1322 | 0.1318 | 0.136 | 0.020 | 3.37 | 2.93 | -3.01 | -3.30 | 269.5536 | 252.3197 | 268.9370 | 251.4407 |
| 16 | BCCL-24-0816 001 | 0.3099 | 0.3103 | 0.3085 | 0.3088 | 0.309 | 0.044 | 0.17 | 0.30 | -0.28 | -0.19 | 269.6951 | 251.6648 | 274.1382 | 256.1544 |
| 17 | BCCL-24-0821 001 | 0.1637 | 0.1635 | 0.1577 | 0.1579 | 0.160 | 0.023 | 1.87 | 1.74 | -1.87 | -1.74 | 270.3260 | 252.8857 | 274.4086 | 256.6726 |
| 18 | BCCL-24-0822 001 | 0.1786 | 0.1783 | 0.1679 | 0.1681 | 0.173 | 0.025 | 3.10 | 2.93 | -3.07 | -2.96 | 261.3384 | 244.4353 | 278.2538 | 260.1913 |
| 19 | **BCCL-24-0823 001** | 0.0995 | 0.0991 | 0.0984 | 0.0980 | 0.098 | 0.014 | 0.76 | 0.35 | -0.35 | -0.76 | 266.4954 | 249.2318 | 259.8458 | 242.9153 |
| 20 | **BCCL-24-0834 001** | 0.0000 | 0.0000 | 0.0000 | 0.0000 | none detected | | | | | | 264.1444 | 247.1675 | 273.7807 | 256.0166 |

KB 5/17/2024

Kayla M. Baylor Digitally signed by Kayla M. Baylor
Date: 2024.05.17 15:11:03 -05'00'

# Brazoria County Crime Lab

## BAC Batch Information

**Batch Name:** BAC-20240502-KB **Analyst:** Kayla M. Baylor **Instrument:** BAC-1

| | Lot: | Expiration: | Inventory Number: |
|---|---|---|---|
| Cal 1 | FN12272201 | 2/29/2028 | S-23-5008G |
| Cal 2 | FN03122112 | 3/31/2026 | S-23-5002I |
| Cal 3 | FN03172301 | 3/31/2028 | S-23-5010B |
| Cal 4 | FN03072301 | 3/31/2028 | S-23-5011B |
| Cal 5 | FN03132302 | 3/31/2028 | S-23-5012A |
| Cal 6 | FN03052102 | 3/31/2026 | S-22-0541H |
| Cal 7 | FN06262004 | 7/31/2025 | S-23-5014C |
| High QC | 30012020-A | 1/31/2025 | S-23-5006N |
| Low QC | 517757 | 6/21/2025 | S-24-5001A |
| Blood QC A | 2101199 | 2/28/2025 | S-22-031E |
| Blood QC B | 2110181 | 3/31/2026 | S-23-5000F |
| Internal Standard | N/A | 9/13/2024 | R-24-5001 |
| Pipette(s) | 5053, 2054 | | |

**Comments:**



KB

BAC_20240502-KB

# BCCL ANALYTICAL WORKLIST

**ANALYST:** Kayla Baylor

**Worklist ID:** 06TQG2GFJYM3GR

| Case # | Evid # | Evid Type | Service |
|---|---|---|---|
| BCCL-21-1676 | 001 | Blood | Alcohol |
| | ~~002~~ | ~~Blood~~ | ~~Alcohol~~ KB 5/2/2024 |
| BCCL-23-2013 | 001 | Blood | Alcohol |
| BCCL-23-2040 | 001 | Blood | Alcohol |
| BCCL-23-2059 | 003 | Blood | Alcohol |
| BCCL-23-2064 | 001 | Blood | Alcohol |
| BCCL-23-2078 | 001 | Blood | Alcohol |
| BCCL-23-2104 | 001 | Blood | Alcohol |
| BCCL-23-2115 | 001 | Blood | Alcohol |
| BCCL-24-0388 | 004 | Blood | Alcohol |
| | ~~005~~ | ~~Blood~~ | ~~Alcohol~~ KB 5/2/2024 |
| BCCL-24-0433 | 001 | Blood | Alcohol |
| | ~~002~~ | ~~Blood~~ | ~~Alcohol~~ KB 5/2/2024 |
| BCCL-24-0795 | 001 | Blood | Alcohol |
| BCCL-24-0796 | 001 | Blood | Alcohol |



KB

BAC. 20240502 -KB

| Case # | Evid # | Evid Type | Service |
|---|---|---|---|
| BCCL-24-0797 | 001 | Blood | Alcohol |
| BCCL-24-0807 | 001 | Blood | Alcohol |
| BCCL-24-0810 | 001 | Blood | Alcohol |
| BCCL-24-0816 | 001 | Blood | Alcohol |
| BCCL-24-0821 | 001 | Blood | Alcohol |
| BCCL-24-0822 | 001 | Blood | Alcohol |
| BCCL-24-0823 | 001 | Blood | Alcohol |
| BCCL-24-0834 | 001 | Blood | Alcohol |



KB

Sequence: C:\CHEM32\1\SEQUENCE\2024\BAC_20240502_KB.S

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SEQUENCE PARAMETERS

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Sequence : C:\CHEM32\1\SEQUENCE\2024\BAC_20240502_KB.S
Operator : Kayla M. Baylor
Data File Naming : Auto
Data Directory : C:\Chem32\1\Data\
Data Subdirectory : 2024
Barcode Reader : used in Sequence
Barcode option : On barcode mismatch inject anyway
Shutdown Cmd/Macro : LOADMETHOD "C:\Chem32\1\methods\","shutdown.M"
Sequence Comment :
Part of Methods to run: According to Runtime Checklist
Update Master Method (Data Analysis parameters): No

sequence verified
5/2/2024 mh

SEQUENCE TABLE:

==========

Line : 1
Location : 1
Sample Information :
Sample Name : 0.010 g/100mL Cal (24-1080)
Method Name : BAC
Sample Type : Calibration

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Calibration Level : 1

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Line : 2
Location : 2
Sample Information :
Sample Name : 0.025 g/100mL Cal (24-1081)
Method Name : BAC
Sample Type : Calibration

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Calibration Level : 2

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Line : 3
Location : 3
Sample Information :
Sample Name : 0.050 g/100mL Cal (24-1082)
Method Name : BAC
Sample Type : Calibration

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Calibration Level : 3

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Line : 4
Location : 4
Sample Information :
Sample Name : 0.100 g/100mL Cal (24-1083)
Method Name : BAC
Sample Type : Calibration

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KB

Calibration Level : 4

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Line : 5
Location : 5
Sample Information :
Sample Name : 0.200 g/100mL Cal (24-1084)
Method Name : BAC
Sample Type : Calibration

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Calibration Level : 5

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Line : 6
Location : 6
Sample Information :
Sample Name : 0.400 g/100mL Cal (24-1085)
Method Name : BAC
Sample Type : Calibration

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Calibration Level : 6

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Line : 7
Location : 7
Sample Information :
Sample Name : 0.500 g/100mL Cal (24-1086)
Method Name : BAC
Sample Type : Calibration

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Calibration Level : 7

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Line : 8
Location : 8
Sample Information :
Sample Name : Negative (24-1087)
Method Name : BAC
Sample Type : Sample

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Line : 9
Location : 9
Sample Information :
Sample Name : High QC (24-1088)
Method Name : BAC
Sample Type : Sample

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Line : 10
Location : 10
Sample Information :

KB

Sample Name : Low QC (24-1089)
Method Name : BAC
Sample Type : Sample

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Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (24-1090)
Method Name : BAC
Sample Type : Sample

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Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-21-1676 001 (24-1091)
Method Name : BAC
Sample Type : Sample

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Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-23-2013 001 (24-1092)
Method Name : BAC
Sample Type : Sample

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Line : 14
Location : 14
Sample Information : Alq 1
Sample Name : BCCL-23-2040 001 (24-1093)
Method Name : BAC
Sample Type : Sample

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Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-23-2059 003 (24-1094)
Method Name : BAC
Sample Type : Sample

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Line : 16
Location : 16
Sample Information : Alq 1

KB

Sample Name : BCCL-23-2064 001 (24-1095)
Method Name : BAC
Sample Type : Sample

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Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-23-2078 001 (24-1096)
Method Name : BAC
Sample Type : Sample

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Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-23-2104 001 (24-1097)
Method Name : BAC
Sample Type : Sample

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Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-23-2115 001 (24-1098)
Method Name : BAC
Sample Type : Sample

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Line : 20
Location : 20
Sample Information : Alq 1
Sample Name : BCCL-24-0388 004 (24-1099)
Method Name : BAC
Sample Type : Sample

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Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-24-0433 001 (24-1100)
Method Name : BAC
Sample Type : Sample

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Line : 22
Location : 22
Sample Information :

KB

Sequence: C:\CHEM32\1\SEQUENCE\2024\BAC_20240502_KB.S

Sample Name : Blood QC B (24-1101)
Method Name : BAC
Sample Type : Sample

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Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-24-0795 001 (24-1102)
Method Name : BAC
Sample Type : Sample

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Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-24-0796 001 (24-1103)
Method Name : BAC
Sample Type : Sample

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Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-24-0797 001 (24-1104)
Method Name : BAC
Sample Type : Sample

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Line : 26
Location : 26
Sample Information : Alq 1
Sample Name : BCCL-24-0807 001 (24-1105)
Method Name : BAC
Sample Type : Sample

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Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-24-0810 001 (24-1106)
Method Name : BAC
Sample Type : Sample

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Line : 28
Location : 28
Sample Information : Alq 1

KB

Sequence: C:\CHEM32\1\SEQUENCE\2024\BAC_20240502_KB.S

Sample Name : BCCL-24-0816 001 (24-1107)
Method Name : BAC
Sample Type : Sample

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Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-24-0821 001 (24-1108)
Method Name : BAC
Sample Type : Sample

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Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-24-0822 001 (24-1109)
Method Name : BAC
Sample Type : Sample

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Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-24-0823 001 (24-1110)
Method Name : BAC
Sample Type : Sample

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Line : 32
Location : 32
Sample Information : Alq 1
Sample Name : BCCL-24-0834 001 (24-1111)
Method Name : BAC
Sample Type : Sample

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Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (24-1112)
Method Name : BAC
Sample Type : Sample

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Line : 34
Location : 34
Sample Information : Alq 2

KB

Sample Name : BCCL-24-0834 001 (24-1113)
Method Name : BAC
Sample Type : Sample

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Line : 35
Location : 35
Sample Information : Alq 2
Sample Name : BCCL-24-0823 001 (24-1114)
Method Name : BAC
Sample Type : Sample

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Line : 36
Location : 36
Sample Information : Alq 2
Sample Name : BCCL-24-0822 001 (24-1115)
Method Name : BAC
Sample Type : Sample

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Line : 37
Location : 37
Sample Information : Alq 2
Sample Name : BCCL-24-0821 001 (24-1116)
Method Name : BAC
Sample Type : Sample

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Line : 38
Location : 38
Sample Information : Alq 2
Sample Name : BCCL-24-0816 001 (24-1117)
Method Name : BAC
Sample Type : Sample

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Line : 39
Location : 39
Sample Information : Alq 2
Sample Name : BCCL-24-0810 001 (24-1118)
Method Name : BAC
Sample Type : Sample

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Line : 40
Location : 40
Sample Information : Alq 2

KB

Sequence: C:\CHEM32\1\SEQUENCE\2024\BAC_20240502_KB.S

Sample Name : BCCL-24-0807 001 (24-1119)
Method Name : BAC
Sample Type : Sample

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Line : 41
Location : 41
Sample Information : Alq 2
Sample Name : BCCL-24-0797 001 (24-1120)
Method Name : BAC
Sample Type : Sample

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Line : 42
Location : 42
Sample Information : Alq 2
Sample Name : BCCL-24-0796 001 (24-1121)
Method Name : BAC
Sample Type : Sample

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Line : 43
Location : 43
Sample Information : Alq 2
Sample Name : BCCL-24-0795 001 (24-1122)
Method Name : BAC
Sample Type : Sample

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Line : 44
Location : 44
Sample Information :
Sample Name : Blood QC B (24-1123)
Method Name : BAC
Sample Type : Sample

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Line : 45
Location : 45
Sample Information : Alq 2
Sample Name : BCCL-24-0433 001 (24-1124)
Method Name : BAC
Sample Type : Sample

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Line : 46
Location : 46
Sample Information : Alq 2

KB

Sequence: C:\CHEM32\1\SEQUENCE\2024\BAC_20240502_KB.S

Sample Name : BCCL-24-0388 004 (24-1125)
Method Name : BAC
Sample Type : Sample

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Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-23-2115 001 (24-1126)
Method Name : BAC
Sample Type : Sample

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Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-23-2104 001 (24-1127)
Method Name : BAC
Sample Type : Sample

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Line : 49
Location : 49
Sample Information : Alq 2
Sample Name : BCCL-23-2078 001 (24-1128)
Method Name : BAC
Sample Type : Sample

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Line : 50
Location : 50
Sample Information : Alq 2
Sample Name : BCCL-23-2064 001 (24-1129)
Method Name : BAC
Sample Type : Sample

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Line : 51
Location : 51
Sample Information : Alq 2
Sample Name : BCCL-23-2059 003 (24-1130)
Method Name : BAC
Sample Type : Sample

---

Line : 52
Location : 52
Sample Information : Alq 2

KB

Sequence: C:\CHEM32\1\SEQUENCE\2024\BAC_20240502_KB.S

Sample Name : BCCL-23-2040 001 (24-1131)
Method Name : BAC
Sample Type : Sample

---

Line : 53
Location : 53
Sample Information : Alq 2
Sample Name : BCCL-23-2013 001 (24-1132)
Method Name : BAC
Sample Type : Sample

---

Line : 54
Location : 54
Sample Information : Alq 2
Sample Name : BCCL-21-1676 001 (24-1133)
Method Name : BAC
Sample Type : Sample

---

Line : 55
Location : 55
Sample Information :
Sample Name : Blood QC A (24-1134)
Method Name : BAC
Sample Type : Sample

---

Line : 56
Location : 56
Sample Information :
Sample Name : High QC (24-1135)
Method Name : BAC
Sample Type : Sample

---

Line : 57
Location : 57
Sample Information :
Sample Name : Low QC (24-1136)
Method Name : BAC
Sample Type : Sample

---

Line : 58
Location : 58
Sample Information :

Sequence: C:\CHEM32\1\SEQUENCE\2024\BAC_20240502_KB.S

| | | |
|---|---|---|
| Sample Name | : | DI Water (24-1137) |
| Method Name | : | BAC |
| Sample Type | : | Sample |

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

## Method Information

Method: C:\Chem32\1\Methods\BAC.M
Modified: 2/14/2024 at 8:32:23 AM

## Run Time Checklist

| | |
|---|---|
| Pre-Run Cmd/Macro: | off |
| Data Acquisition: | on |
| Standard Data Analysis: | on |
| Customized Data Analysis: | off |
| Save GLP Data: | off |
| Post-Run Cmd/Macro: | off |
| Save Method with Data: | on |

## Injection Source and Location

| | |
|---|---|
| Injection Source: | HS 10.11.30.56 |
| Injection Location: | GC Front |

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

==========

Agilent 7697A

==========

Agilent 7697A
Instrument Info

| | |
|---|---|
| Address: | 10.11.30.56 |
| Serial Number: | CN18320011 |
| Firmware Revision: | A.01.08 |

Instrument Settings

| | |
|---|---|
| Vial Pressurization Gas: | Helium |
| Loop Size (mL): | 1 |
| Keyboard Lock: | ON |
| Transfer Line Type: | Fused Silica |
| Transfer Line Diameter (mm): | 0.53 |

System Configuration

| | |
|---|---|
| Carrier Control: | GC Instrument |

Resource Conservation

| | |
|---|---|
| Vial Standby Flow (mL/min): | 20 |

Temperature Settings:

| | |
|---|---|
| Oven Temperature (°C): | 70 |
| Loop Temperature (°C): | 70 |
| Transfer Line Temperature (°C): | 90 |

Timing Settings:

| | |
|---|---|
| Vial Equilibration (min): | 7.00 |
| Injection Duration (min): | 0.50 |
| GC Cycle Time (min): | 4.50 |

Vial and Loop Settings:

| | |
|---|---|
| Vial Size: | 20 |
| Vial Shaking: | OFF |
| Fill Mode: | Default |
| Fill Pressure (psi): | 10 |
| Loop Fill Mode: | Custom |
| Loop Ramp Rate (psi/min): | 30 |
| Loop Final Pressure (psi): | 1 |
| Loop Equilibration Time: | 0.05 |

Carrier Settings:

| | |
|---|---|
| Carrier Control Mode: | GC controls Carrier |

Advanced Settings:

| | |
|---|---|
| Extraction Mode: | Single Extraction |
| Vent After Extraction: | ON |
| Post Injection Purge: | 200 mL/min for 3 min |
| Acceptable Leak Check: | Default, 0.2mL/min |
| Barcode Symbology: | Enable All |
| Barcode Checksum: | OFF |

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

==========

Agilent 7890A

==========

GC

| | |
|---|---|
| GC Summary | |
| Run Time | 4 min |
| Post Run Time | 0 min |

| | |
|---|---|
| Oven | |
| Equilibration Time | 3 min |
| Max Temperature | 260 °C |
| Maximum Temperature Override | Disabled |
| Slow Fan | Disabled |
| Temperature | |
| Setpoint | On |
| (Initial) | 40 °C |
| Hold Time | 4 min |
| Post Run | 50 °C |

| | |
|---|---|
| Front SS Inlet He | |
| Mode | Split |
| Heater | On 110 °C |
| Pressure | On 24 psi |
| Total Flow | On 79.947 mL/min |
| Septum Purge Flow | On 3 mL/min |
| Gas Saver | Off |
| Split Ratio | 10 :1 |
| Split Flow | 69.952 mL/min |

| | |
|---|---|
| Column | |
| Column Outlet Pressure | 0 psi |
| Column #1 | |
| Column Information | Agilent 123-9134 |
| DB-ALC1 | |
| Temperature Range | -60 °C—260 °C (260 °C) |
| Dimensions | 30 m x 320 µm x 1.8 µm |
| In | Front SS Inlet He |
| Out | Front Detector FID |
| (Initial) | 40 °C |
| Pressure | 24 psi |
| Flow | 6.9952 mL/min |
| Average Velocity | 80.325 cm/sec |
| Holdup Time | 0.62247 min |
| Pressure | |
| Setpoint | On |
| (Initial) | 24 psi |
| Post Run | 9.4366 psi |

| | |
|---|---|
| Column #2 | |
| Column Information | Agilent 123-9234 |
| DB-ALC2 | |
| Temperature Range | -60 °C—260 °C (260 °C) |

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

| | |
|---|---|
| Dimensions | 30 m x 320 µm x 1.2 µm |
| In | Front SS Inlet He |
| Out | Back Detector FID |
| (Initial) | 40 °C |
| Pressure | 24 psi |
| Flow | 7.1019 mL/min |
| Average Velocity | 80.935 cm/sec |
| Holdup Time | 0.61778 min |
| Pressure | |
| Setpoint | On |
| (Initial) | 24 psi |
| Post Run | 9.4366 psi |

Front Detector FID

| | |
|---|---|
| Makeup | N2 |
| Heater | On 250 °C |
| H2 Flow | On 30 mL/min |
| Air Flow | On 400 mL/min |
| Makeup Flow | On 25 mL/min |
| Carrier Gas Flow Correction | Does not affect Makeup or Fuel Flow |
| Flame | On |

Back Detector FID

| | |
|---|---|
| Makeup | N2 |
| Column Compensation | Signal is modified by Column Compensation Curve #2 |
| Heater | On 250 °C |
| H2 Flow | On 30 mL/min |
| Air Flow | On 400 mL/min |
| Makeup Flow | On 25 mL/min |
| Carrier Gas Flow Correction | Does not affect Makeup or Fuel Flow |
| Flame | On |

Aux EPC 1,2,3
Aux EPC 1 He

***Excluded from Affecting GC's Readiness State***

| | |
|---|---|
| Pressure | |
| Setpoint | Off |
| (Initial) | 10 psi |
| Post Run | 0 psi |

Aux EPC 2 He

***Excluded from Affecting GC's Readiness State***

| | |
|---|---|
| Pressure | |
| Setpoint | Off |
| (Initial) | 10 psi |
| Post Run | 0 psi |

Aux EPC 3 He

***Excluded from Affecting GC's Readiness State***

| | |
|---|---|
| Pressure | |
| Setpoint | Off |
| (Initial) | 10 psi |
| Post Run | 0 psi |

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

Signals

| | |
|---|---|
| Signal #1: Front Signal | |
| Description | Front Signal |
| Details | Front Signal (FID) |
| Save | On |
| Data Rate | 20 Hz |
| Signal #2: Back Signal | |
| Description | Back Signal |
| Details | Back Signal (FID) |
| Save | On |
| Data Rate | 20 Hz |
| Signal #3: Test Plot | |
| Description | Test Plot |
| Details | |
| Save | Off |
| Data Rate | 50 Hz |
| Signal #4: Test Plot | |
| Description | Test Plot |
| Details | |
| Save | Off |
| Data Rate | 50 Hz |

The Data Analysis Parameters of the used Method are :

## Integration Events

### Non signal specific Integration Events

| Event | Value |
|---|---|
| Tangent Skim Mode | Standard |
| Tail Peak Skim Height Ratio | 0.000 |
| Front Peak Skim Height Ratio | 0.000 |
| Skim Valley Ratio | 20.000 |
| Baseline Correction | Classical |
| Peak to Valley Ratio | 500.000 |

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

Default Integration Event Table "Event"

| Event | Value | Time |
|---|---|---|
| Initial Slope Sensitivity | 1.000 | Initial |
| Initial Peak Width | 0.040 | Initial |
| Initial Area Reject | 1.000 | Initial |
| Initial Height Reject | 1.700 | Initial |
| Initial Shoulders | OFF | Initial |

Detector Default Integration Event Table "Event_ADC"

| Event | Value | Time |
|---|---|---|
| Initial Slope Sensitivity | 20.000 | Initial |
| Initial Peak Width | 0.040 | Initial |
| Initial Area Reject | 1.000 | Initial |
| Initial Height Reject | 1.000 | Initial |
| Initial Shoulders | OFF | Initial |

Detector Default Integration Event Table "Event_TCD"

| Event | Value | Time |
|---|---|---|
| Initial Slope Sensitivity | 100.000 | Initial |
| Initial Peak Width | 0.040 | Initial |
| Initial Area Reject | 1.000 | Initial |
| Initial Height Reject | 1.000 | Initial |
| Initial Shoulders | OFF | Initial |
| Solvent Peak Slope | 250000.000 | 0.000 |

Detector Default Integration Event Table "Event_ECD"

| Event | Value | Time |
|---|---|---|
| Initial Slope Sensitivity | 100.000 | Initial |
| Initial Peak Width | 0.080 | Initial |
| Initial Area Reject | 1.000 | Initial |
| Initial Height Reject | 1.000 | Initial |
| Initial Shoulders | OFF | Initial |
| Solvent Peak Slope | 0.000 | 0.000 |

method: C:\Chem32\1\Methods\BAC.M
Modified on: 2/14/2024 at 8:32:23 AM

Detector Default Integration Event Table "Event_NPD"

| Event | Value | Time |
|---|---|---|
| Initial Slope Sensitivity | 500.000 | Initial |
| Initial Peak Width | 0.040 | Initial |
| Initial Area Reject | 1.000 | Initial |
| Initial Height Reject | 1.000 | Initial |
| Initial Shoulders | OFF | Initial |
| Solvent Peak Slope | 0.000 | 0.000 |

Detector Default Integration Event Table "Event_FPD"

| Event | Value | Time |
|---|---|---|
| Initial Slope Sensitivity | 50.000 | Initial |
| Initial Peak Width | 0.040 | Initial |
| Initial Area Reject | 1.000 | Initial |
| Initial Height Reject | 1.000 | Initial |
| Initial Shoulders | OFF | Initial |
| Solvent Peak Slope | 0.000 | 0.000 |

Detector Default Integration Event Table "Event_uECD"

| Event | Value | Time |
|---|---|---|
| Initial Slope Sensitivity | 500.000 | Initial |
| Initial Peak Width | 0.080 | Initial |
| Initial Area Reject | 1.000 | Initial |
| Initial Height Reject | 1.000 | Initial |
| Initial Shoulders | OFF | Initial |
| Solvent Peak Slope | 0.000 | 0.000 |

Detector Default Integration Event Table "Event_FID"

| Event | Value | Time |
|---|---|---|
| Initial Slope Sensitivity | 50.000 | Initial |
| Initial Peak Width | 0.040 | Initial |
| Initial Area Reject | 2.000 | Initial |
| Initial Height Reject | 2.000 | Initial |
| Initial Shoulders | OFF | Initial |

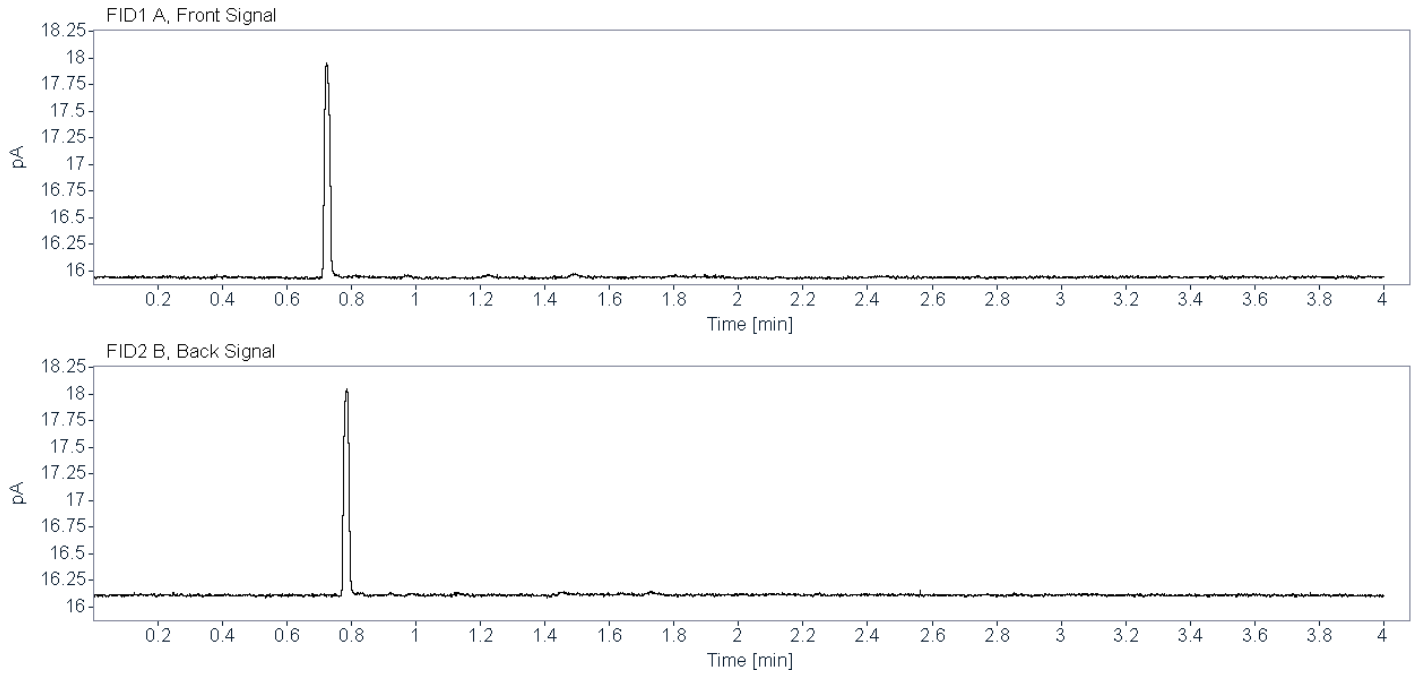
Apply Method's Manual Integration Events: No

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** Air **Description:** **Sample Barcode** **Vial Number:** 1

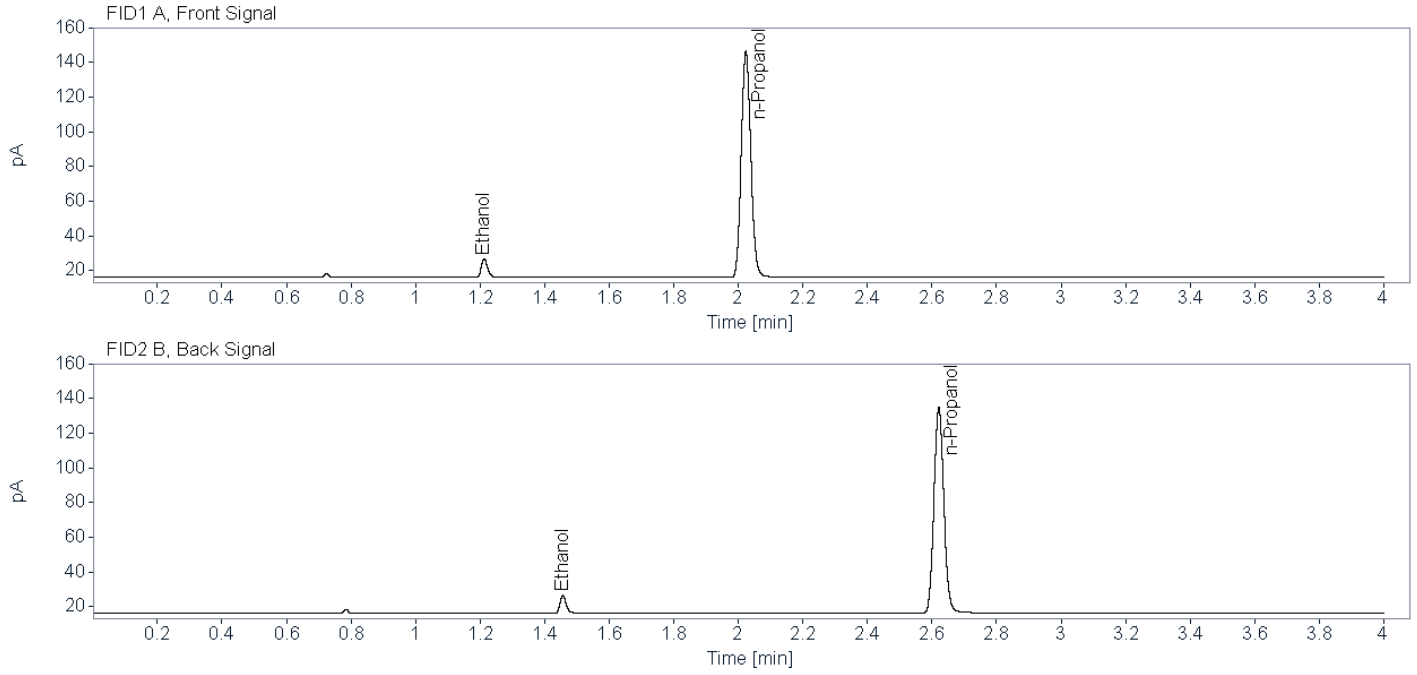
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 7:30:11 AM

**Data File:** C:\Chem32\1\Data\2024\BAC_20240502PC_KB 2024-05-02 07-20-12\001F0101.D



# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** PC **Description:** **Sample Barcode** **Vial Number:** 2
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 7:34:54 AM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502PC_KB 2024-05-02 07-20-12\002F0201.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.80335 | 1.213 | 1.210 | 14.3569 | 0.0109 |
| n-Propanol | 0.87554 | 2.023 | 2.024 | 268.0999 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.78496 | 1.456 | 1.454 | 13.3706 | 0.0107 |
| n-Propanol | 0.92174 | 2.621 | 2.621 | 251.5253 | 0.0100 |

# Calibration Table

## General Calibration Setting

Calib. Data Modified : 5/2/2024 3:30:16 PM
Signals calculated separately : No

Rel. Reference Window : 2.000 %
Abs. Reference Window : 0.000 min
Rel. Non-ref. Window : 2.000 %
Abs. Non-ref. Window : 0.000 min
Uncalibrated Peaks : not reported
Partial Calibration : Yes, identified peaks are recalibrated
Correct All Ret. Times: No, only for identified peaks

Curve Type : Linear
Origin : Ignored
Weight : Linear (Resp)

Recalibration Settings:
Average Response : Average all calibrations
Average Retention Time: Floating Average New 75%

Calibration Report Options :
Printout of recalibrations within a sequence:
Calibration Table after Recalibration
Normal Report after Recalibration
If the sequence is done with bracketing:
Results of first cycle (ending previous bracket)

Sample ISTD Information:

| ISTD # | ISTD Amount [g/100 mL] | Name |
|---|---|---|
| 1 | 1.00000e-2 | n-Propanol |
| 2 | 1.00000e-2 | n-Propanol |

## Signal Details

Signal 1: FID1 A, Front Signal
Signal 2: FID2 B, Back Signal

## Overview Table

| RT | Sig | Lvl | Amount [g/100 mL] | Area | Rsp.Factor | Ref | ISTD | # | Compound |
|---|---|---|---|---|---|---|---|---|---|
| 1.209 | 1 | 1 | 1.00000e-2 | 14.82863 | 6.74371e-4 | No | No | 1 | Ethanol |
| | | 2 | 2.50000e-2 | 36.89880 | 6.77529e-4 | | | | |
| | | 3 | 5.00000e-2 | 73.56527 | 6.79669e-4 | | | | |
| | | 4 | 1.00000e-1 | 152.13501 | 6.57311e-4 | | | | |
| | | 5 | 2.00000e-1 | 301.38559 | 6.63602e-4 | | | | |
| | | 6 | 4.00000e-1 | 609.13599 | 6.56668e-4 | | | | |
| | | 7 | 5.00000e-1 | 758.57355 | 6.59132e-4 | | | | |
| 1.454 | 2 | 1 | 1.00000e-2 | 13.84725 | 7.22165e-4 | No | No | 2 | Ethanol |
| | | 2 | 2.50000e-2 | 34.86330 | 7.17087e-4 | | | | |
| | | 3 | 5.00000e-2 | 69.38029 | 7.20666e-4 | | | | |
| | | 4 | 1.00000e-1 | 143.62257 | 6.96269e-4 | | | | |
| | | 5 | 2.00000e-1 | 284.84155 | 7.02145e-4 | | | | |
| | | 6 | 4.00000e-1 | 576.48138 | 6.93865e-4 | | | | |
| | | 7 | 5.00000e-1 | 718.35132 | 6.96038e-4 | | | | |
| 2.023 | 1 | 1 | 1.00000e-2 | 279.93384 | 3.57227e-5 | No | Yes | 1 | n-Propanol |
| | | 2 | 1.00000e-2 | 279.07770 | 3.58323e-5 | | | | |
| | | 3 | 1.00000e-2 | 268.61792 | 3.72276e-5 | | | | |
| | | 4 | 1.00000e-2 | 276.70428 | 3.61397e-5 | | | | |
| | | 5 | 1.00000e-2 | 272.56183 | 3.66889e-5 | | | | |
| | | 6 | 1.00000e-2 | 271.82950 | 3.67878e-5 | | | | |
| | | 7 | 1.00000e-2 | 268.11169 | 3.72979e-5 | | | | |
| 2.621 | 2 | 1 | 1.00000e-2 | 262.54550 | 3.80886e-5 | No | Yes | 2 | n-Propanol |
| | | 2 | 1.00000e-2 | 261.37726 | 3.82589e-5 | | | | |
| | | 3 | 1.00000e-2 | 251.55225 | 3.97532e-5 | | | | |
| | | 4 | 1.00000e-2 | 259.06903 | 3.85998e-5 | | | | |
| | | 5 | 1.00000e-2 | 255.13925 | 3.91943e-5 | | | | |
| | | 6 | 1.00000e-2 | 254.52881 | 3.92883e-5 | | | | |
| | | 7 | 1.00000e-2 | 250.88698 | 3.98586e-5 | | | | |

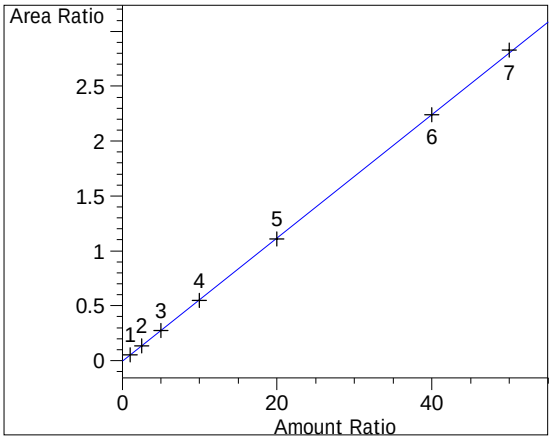
Peak Sum Table

***No Entries in table***

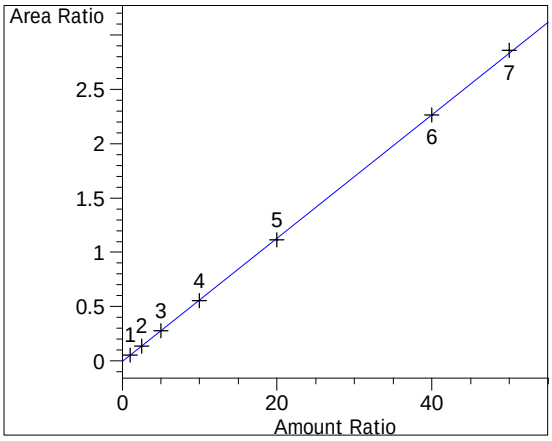
1 Warnings or Errors :

Warning : Curve requires more calibration points., (n-Propanol)

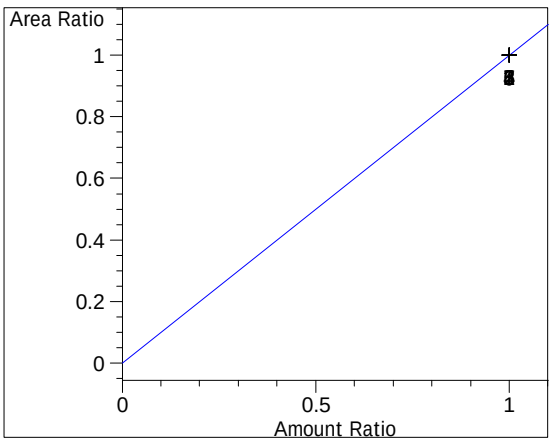
## Calibration Curves



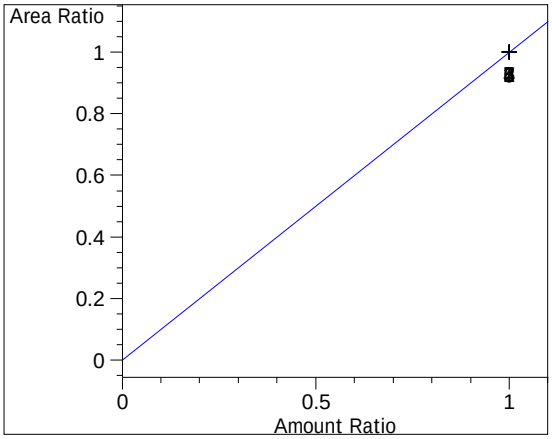

Ethanol at exp. RT: 1.209
FID1 A, Front Signal
Correlation: 0.99995
Residual Std. Dev.: 0.01285
Formula: y = mx + b
m: 5.62093e-2
b: -5.52886e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.400644
Level 3 : 0.193423
Level 4 : 0.096346
Level 5 : 0.047906
Level 6 : 0.023639
Level 7 : 0.018722




Ethanol at exp. RT: 1.454
FID2 B, Back Signal
Correlation: 0.99994
Residual Std. Dev.: 0.01432
Formula: y = mx + b
m: 5.68472e-2
b: -6.38454e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.39542
Level 3 : 0.191228
Level 4 : 0.095138
Level 5 : 0.047243
Level 6 : 0.023287
Level 7 : 0.01842




n-Propanol at exp. RT: 2.023
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

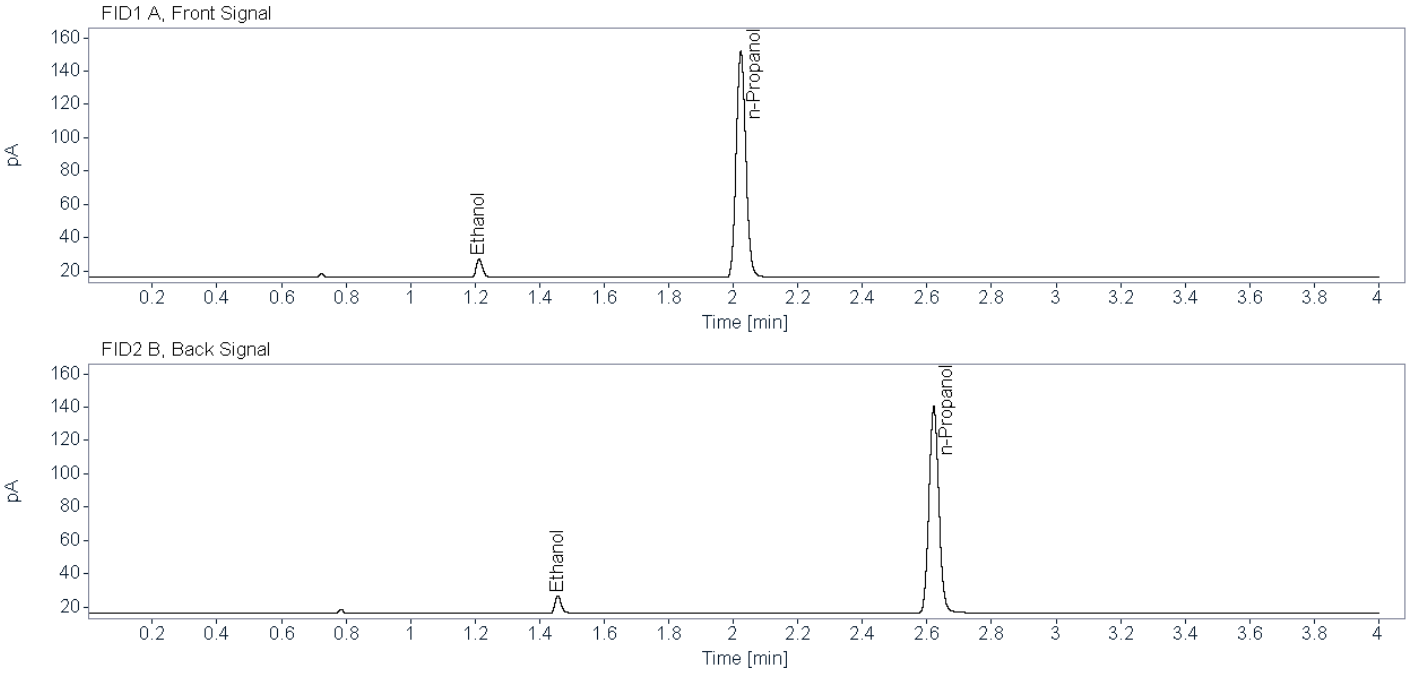



n-Propanol at exp. RT: 2.621
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

==========

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** 0.010 g/100mL Cal (24-1080) **Description:** **Sample Barcode** 24-1080 **Vial Number:** 1
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 10:20:29 AM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\001F0101.D




**Name** FID1A

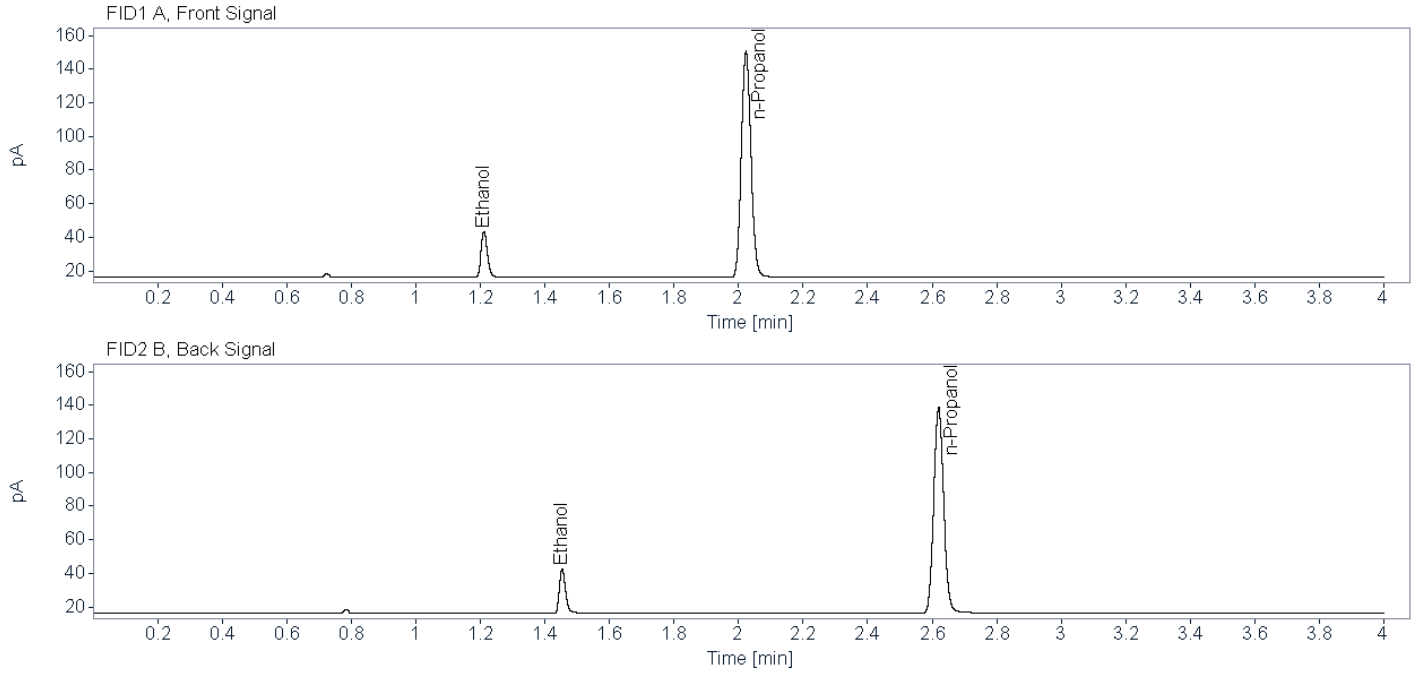
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.80595 | 1.213 | 1.213 | 14.8286 | 0.0104 |
| n-Propanol | 0.87756 | 2.023 | 2.023 | 279.9338 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.78269 | 1.457 | 1.457 | 13.8473 | 0.0104 |
| n-Propanol | 0.92013 | 2.621 | 2.621 | 262.5455 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** 0.025 g/100mL Cal (24-1081) **Description:** **Sample Barcode** 24-1081 **Vial Number:** 2
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 10:25:12 AM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\002F0201.D




**Name** FID1A

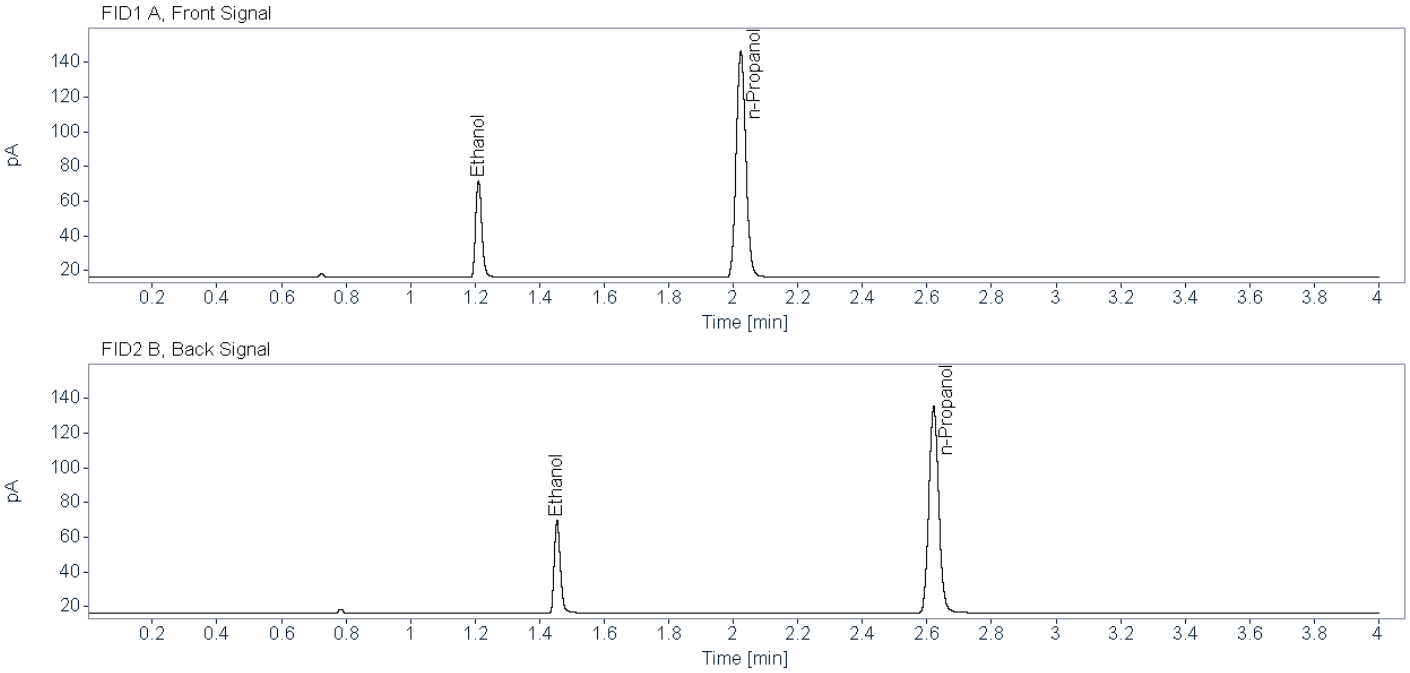
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.80716 | 1.211 | 1.211 | 36.8988 | 0.0245 |
| n-Propanol | 0.87333 | 2.023 | 2.023 | 279.0777 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.78188 | 1.454 | 1.454 | 34.8633 | 0.0246 |
| n-Propanol | 0.91343 | 2.620 | 2.620 | 261.3773 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** 0.050 g/100mL Cal (24-1082) **Description:** **Sample Barcode** 24-1082 **Vial Number:** 3
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 10:30:53 AM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\003F0301.D




**Name** FID1A

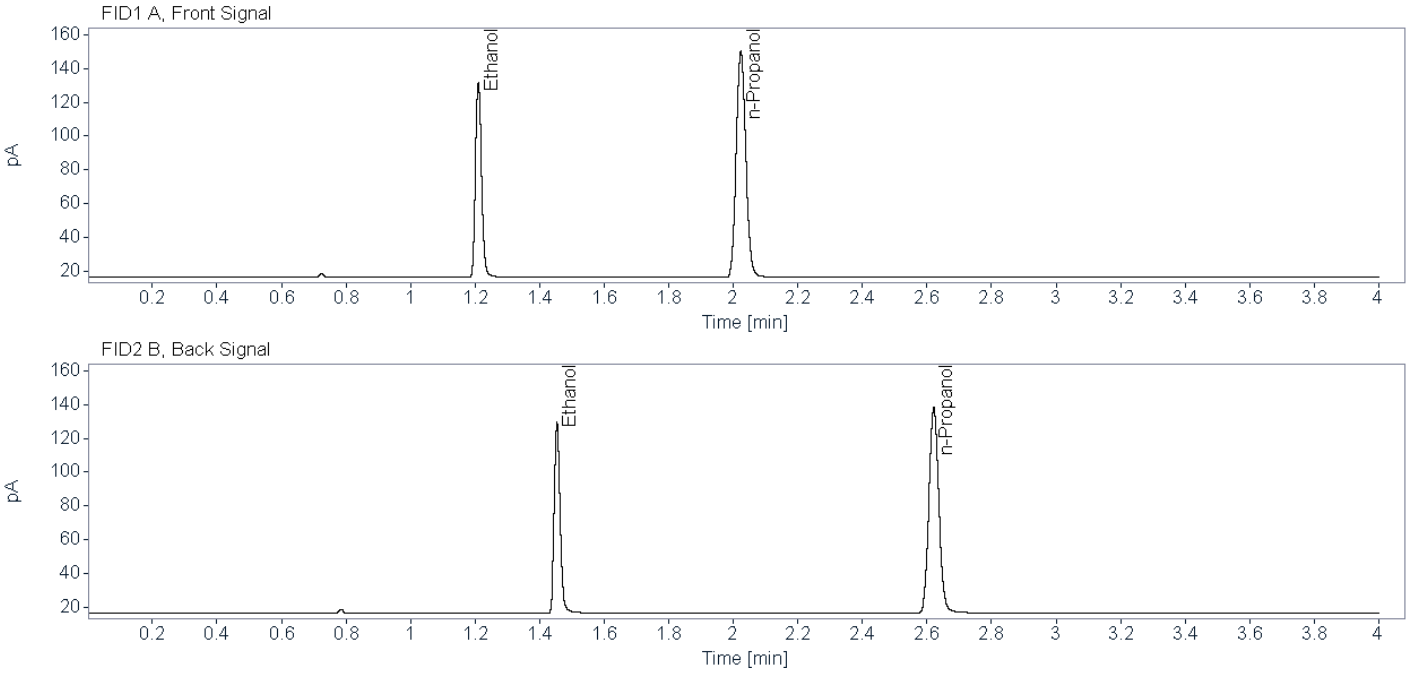
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.81728 | 1.211 | 1.211 | 73.5653 | 0.0497 |
| n-Propanol | 0.86980 | 2.023 | 2.023 | 268.6179 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79621 | 1.454 | 1.454 | 69.3803 | 0.0496 |
| n-Propanol | 0.91909 | 2.621 | 2.621 | 251.5522 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** 0.100 g/100mL Cal (24-1083) **Description:** **Sample Barcode** 24-1083 **Vial Number:** 4
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 10:35:35 AM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\004F0401.D




**Name** FID1A

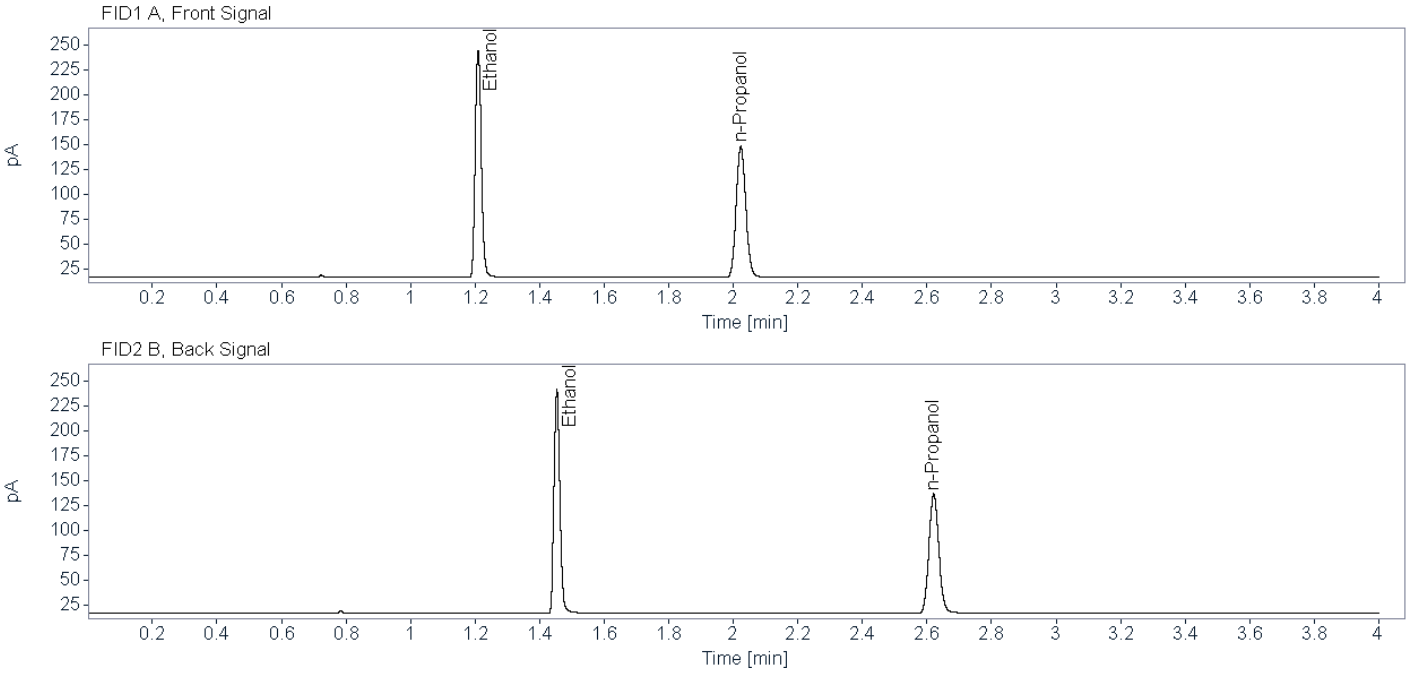
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.82807 | 1.210 | 1.210 | 152.1350 | 0.0988 |
| n-Propanol | 0.87218 | 2.023 | 2.023 | 276.7043 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.82171 | 1.454 | 1.454 | 143.6226 | 0.0986 |
| n-Propanol | 0.91325 | 2.621 | 2.621 | 259.0690 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** 0.200 g/100mL Cal (24-1084) **Description:** **Sample Barcode** 24-1084 **Vial Number:** 5
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 10:41:17 AM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\005F0501.D




**Name** FID1A

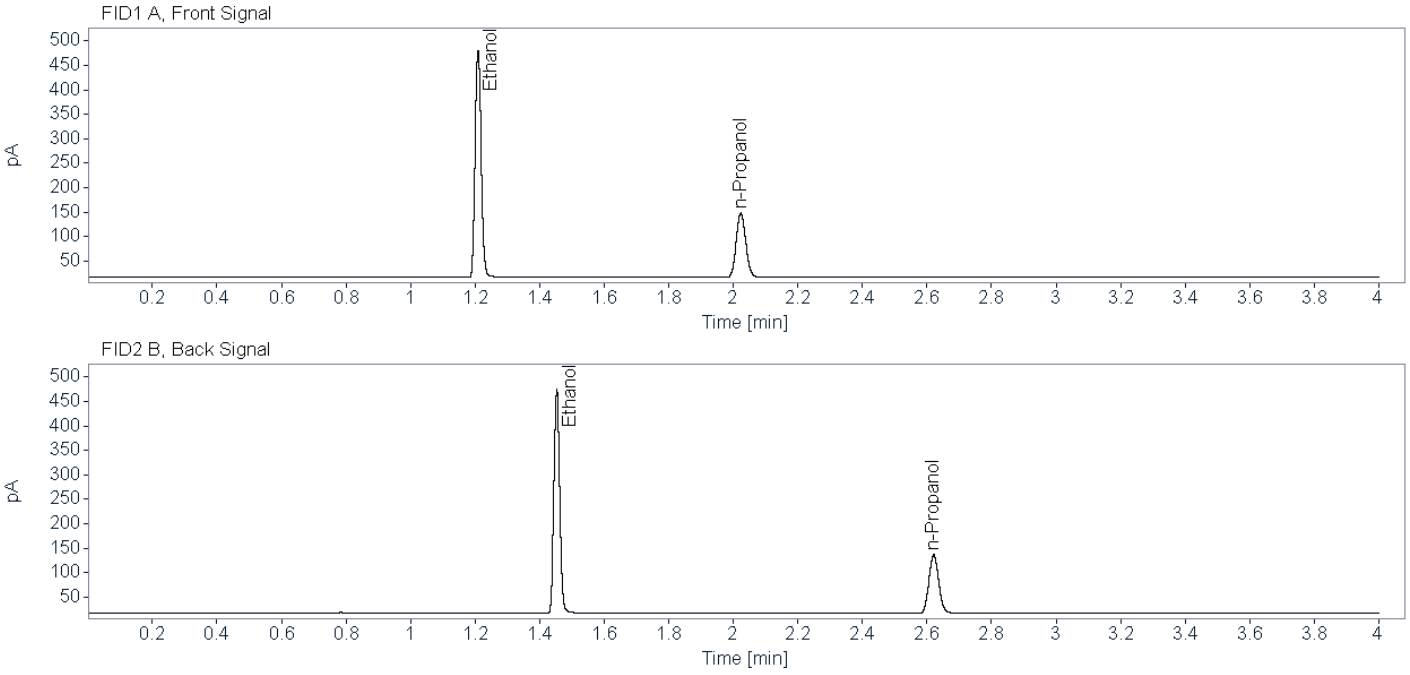
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.84579 | 1.210 | 1.210 | 301.3856 | 0.1977 |
| n-Propanol | 0.86571 | 2.023 | 2.023 | 272.5618 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.84764 | 1.453 | 1.453 | 284.8416 | 0.1975 |
| n-Propanol | 0.90740 | 2.621 | 2.621 | 255.1393 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** 0.400 g/100mL Cal (24-1085) **Description:** **Sample Barcode** 24-1085 **Vial Number:** 6
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 10:46:00 AM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\006F0601.D




**Name** FID1A

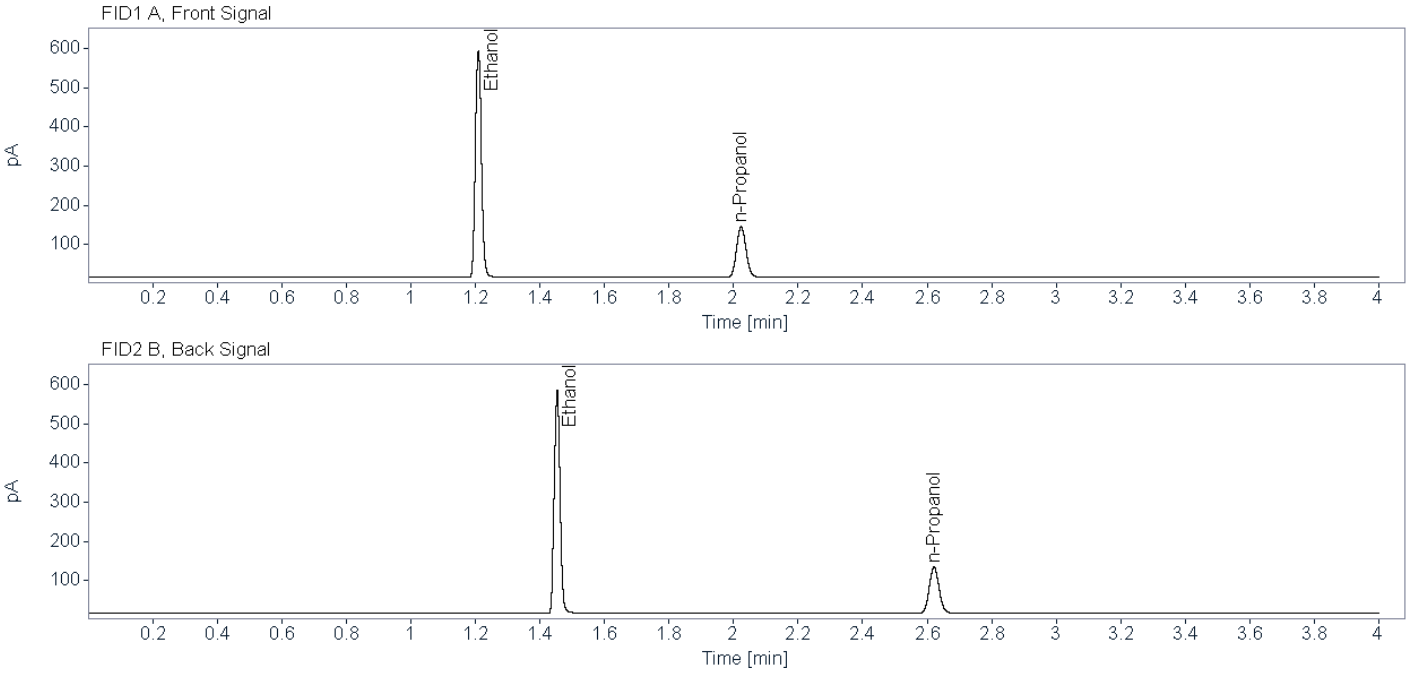
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.89106 | 1.209 | 1.209 | 609.1360 | 0.3996 |
| n-Propanol | 0.86843 | 2.023 | 2.023 | 271.8295 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.92472 | 1.453 | 1.453 | 576.4814 | 0.3995 |
| n-Propanol | 0.91435 | 2.621 | 2.621 | 254.5288 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** 0.500 g/100mL Cal (24-1086) **Description:** **Sample Barcode** 24-1086 **Vial Number:** 7
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 10:51:41 AM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\007F0701.D




**Name** FID1A

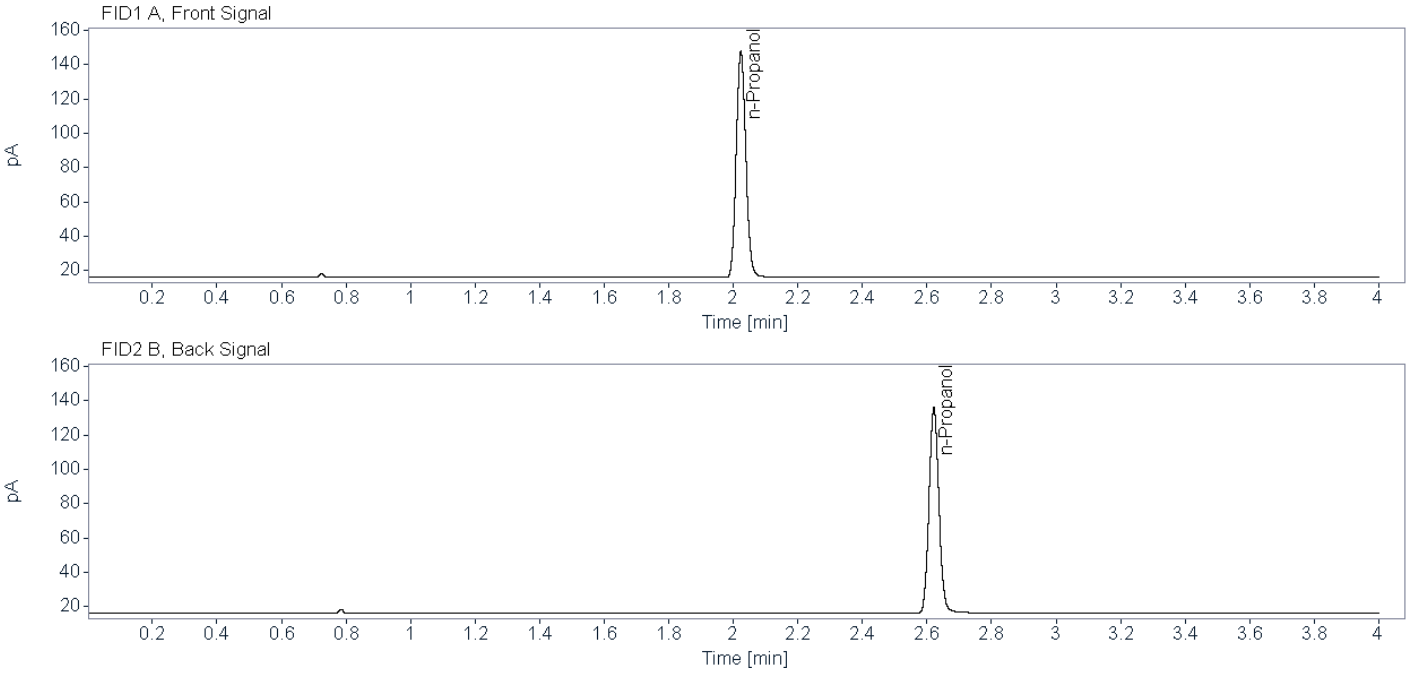
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.88794 | 1.209 | 1.209 | 758.5735 | 0.5043 |
| n-Propanol | 0.87712 | 2.023 | 2.023 | 268.1117 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.94523 | 1.454 | 1.454 | 718.3513 | 0.5048 |
| n-Propanol | 0.90316 | 2.621 | 2.621 | 250.8870 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** Negative (24-1087) **Description:** **Sample Barcode** 24-1087 **Vial Number:** 8
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 10:56:24 AM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\008F0801.D




**Name** FID1A

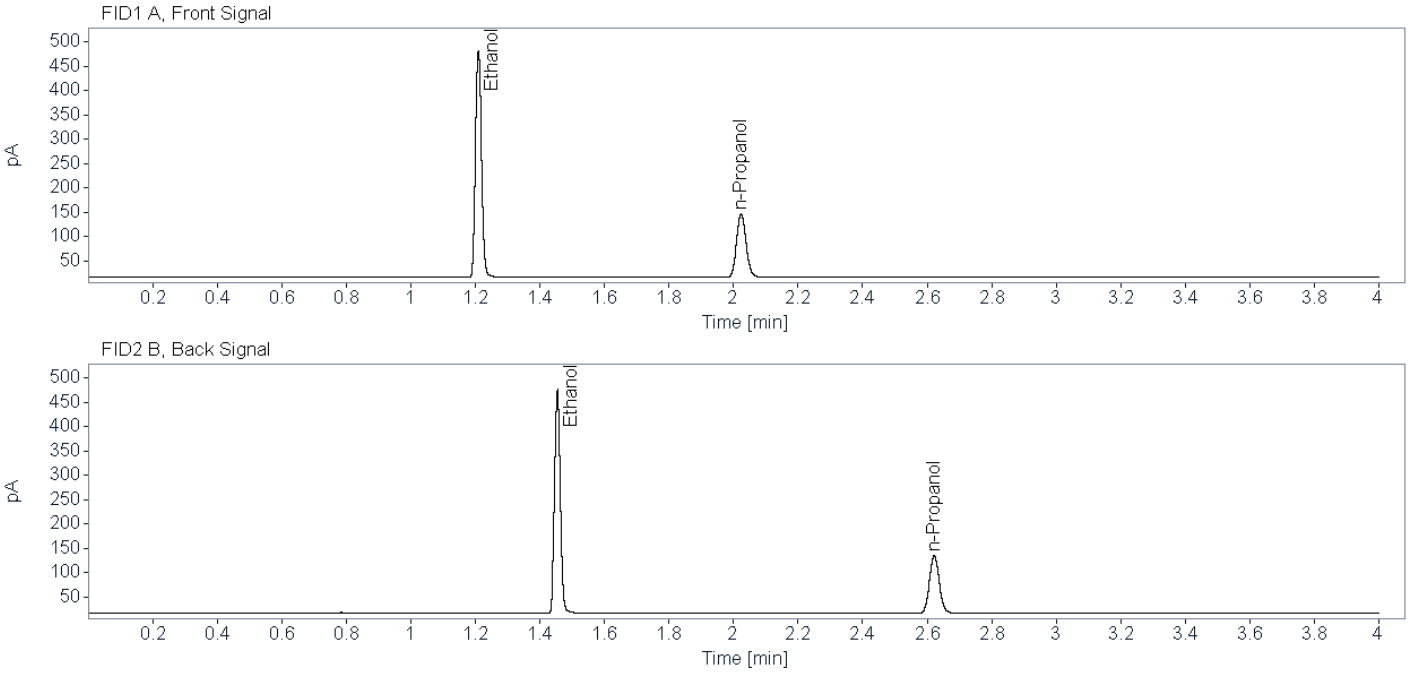
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.87395 | 2.023 | 2.023 | 271.0052 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.91638 | 2.622 | 2.621 | 253.2982 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** High QC (24-1088) **Description:** **Sample Barcode** 24-1088 **Vial Number:** 9
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 11:02:05 AM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\009F0901.D




**Name** FID1A

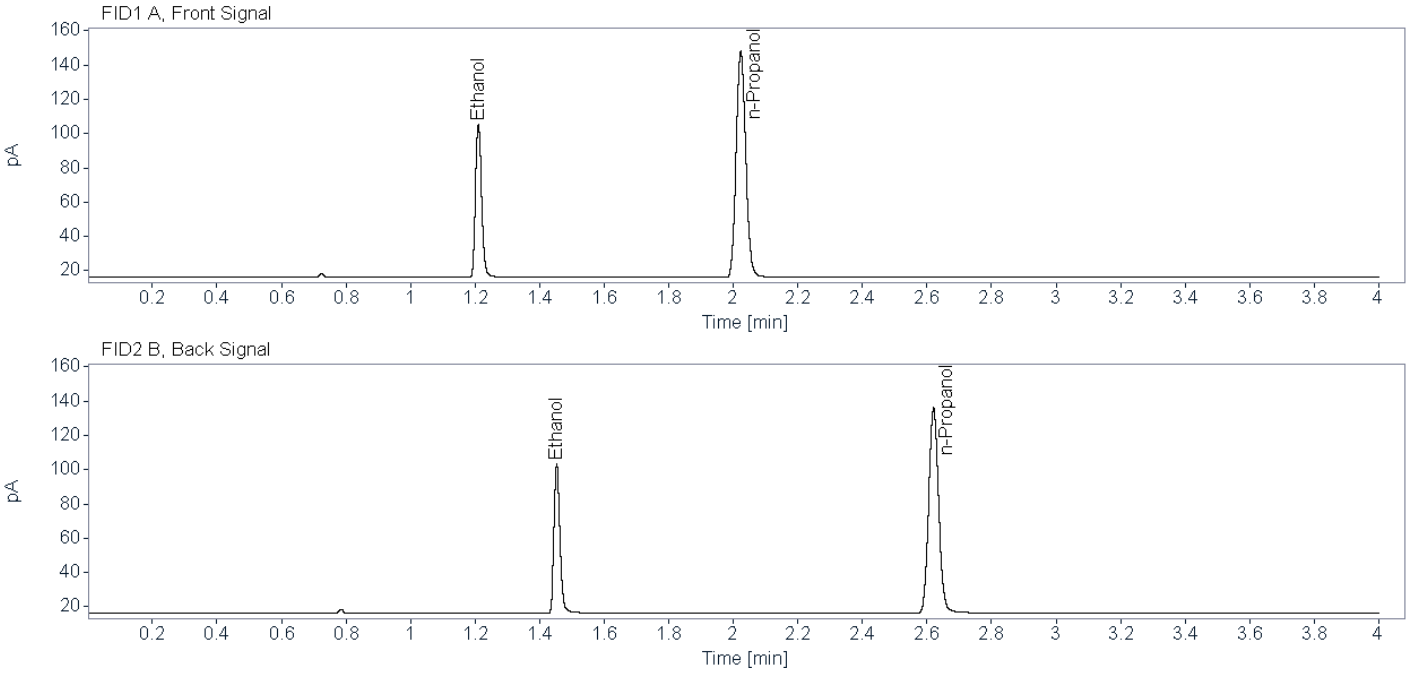
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.88138 | 1.209 | 1.209 | 608.3932 | 0.4024 |
| n-Propanol | 0.87908 | 2.024 | 2.023 | 269.6653 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.91497 | 1.454 | 1.454 | 575.6228 | 0.4030 |
| n-Propanol | 0.90583 | 2.622 | 2.621 | 251.9778 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** Low QC (24-1089) **Description:** **Sample Barcode** 24-1089 **Vial Number:** 10
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 11:06:48 AM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\010F1001.D




**Name** FID1A

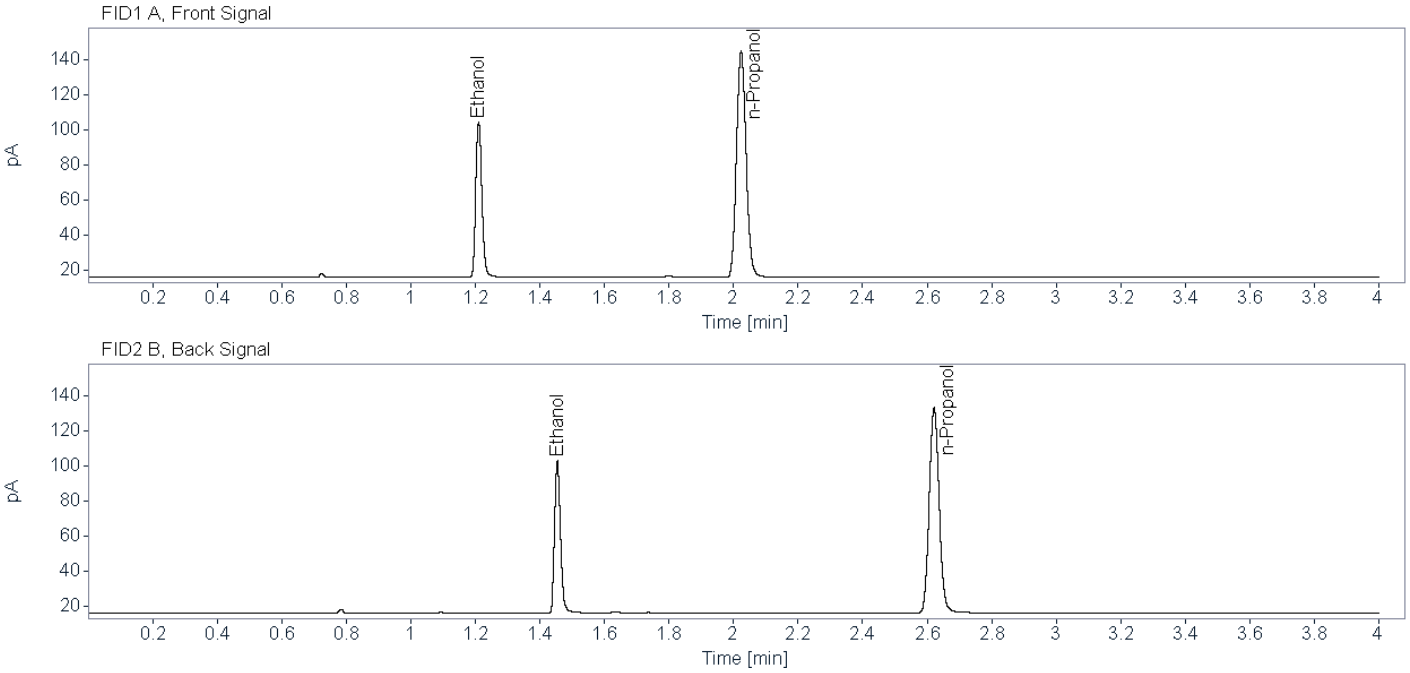
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.81825 | 1.210 | 1.209 | 117.9481 | 0.0783 |
| n-Propanol | 0.87027 | 2.023 | 2.023 | 271.5261 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.81082 | 1.453 | 1.454 | 111.0671 | 0.0781 |
| n-Propanol | 0.90895 | 2.621 | 2.621 | 253.8498 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** Blood QC A (24-1090) **Description:** **Sample Barcode** 24-1090 **Vial Number:** 11
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 11:12:29 AM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\011F1101.D




**Name** FID1A

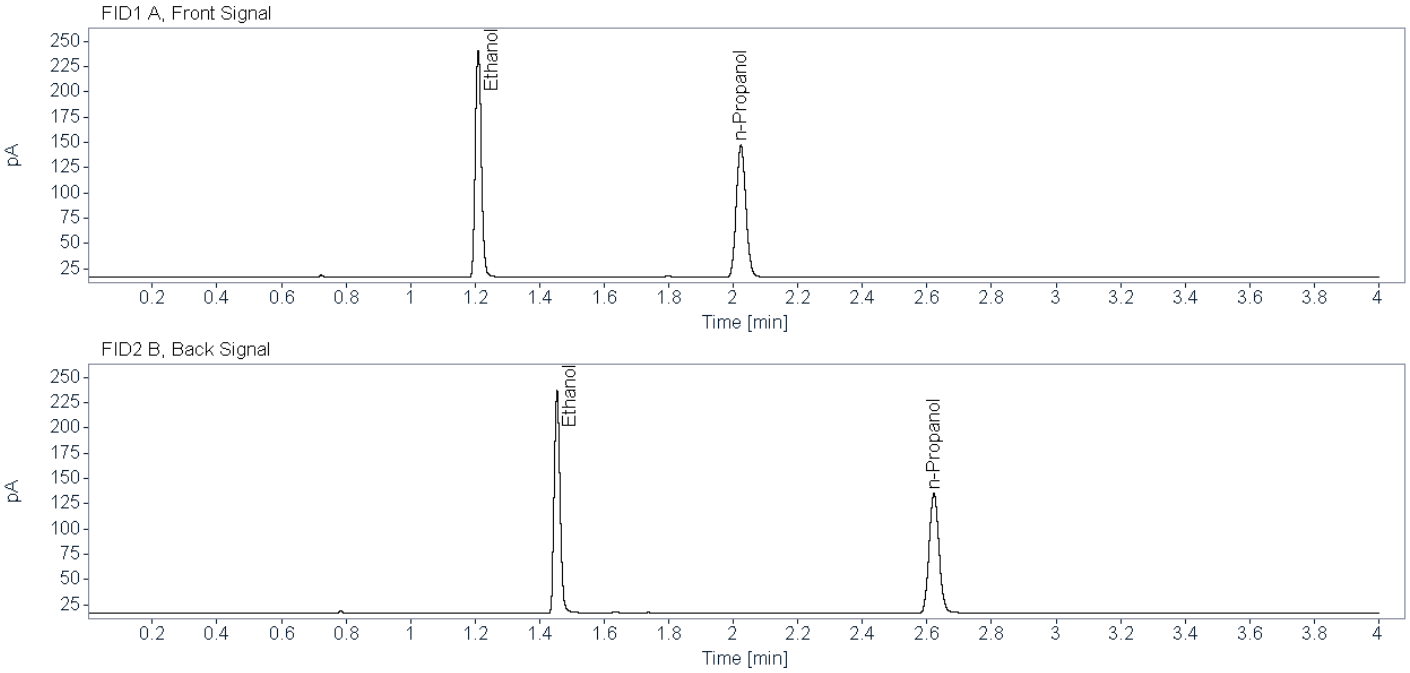
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.83046 | 1.210 | 1.209 | 117.8251 | 0.0800 |
| n-Propanol | 0.87520 | 2.023 | 2.023 | 265.4102 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.80838 | 1.454 | 1.454 | 110.3405 | 0.0794 |
| n-Propanol | 0.90637 | 2.621 | 2.621 | 247.9715 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** Blood QC B (24-1101) **Description:** **Sample Barcode** 24-1101 **Vial Number:** 22
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 12:09:12 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\022F2201.D




**Name** FID1A

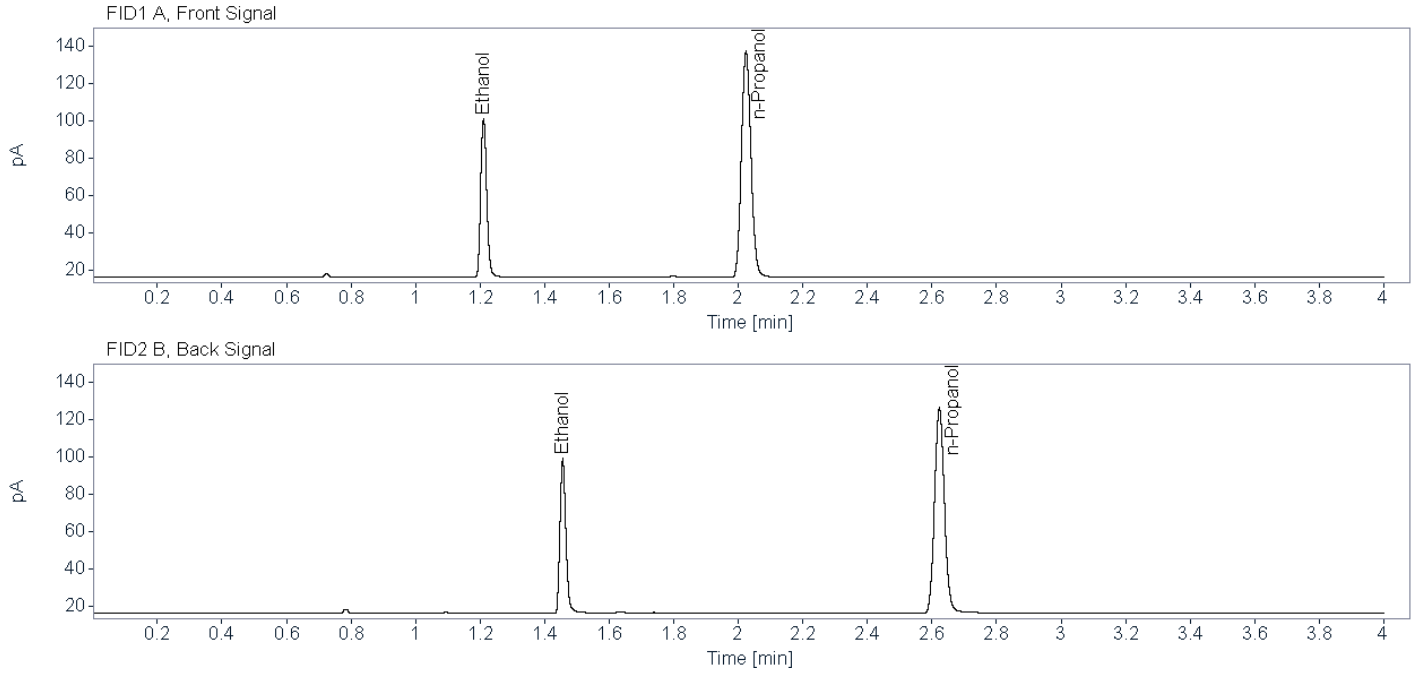
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.84480 | 1.210 | 1.209 | 294.7473 | 0.1950 |
| n-Propanol | 0.87425 | 2.024 | 2.023 | 270.3071 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.85196 | 1.454 | 1.454 | 278.5991 | 0.1954 |
| n-Propanol | 0.91589 | 2.622 | 2.621 | 252.2888 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** Blood QC A (24-1112) **Description:** **Sample Barcode** 24-1112 **Vial Number:** 33
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 1:06:53 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\033F3301.D




**Name** FID1A

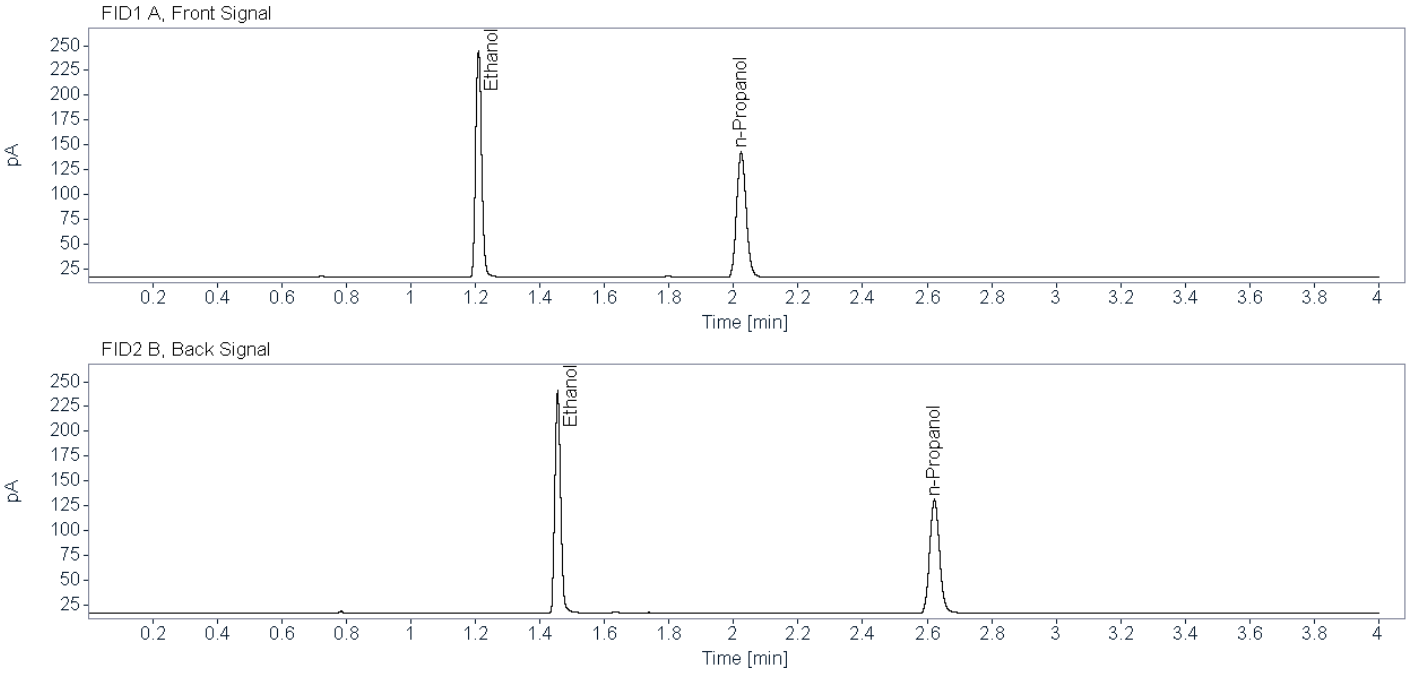
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.83168 | 1.211 | 1.209 | 110.5220 | 0.0805 |
| n-Propanol | 0.86840 | 2.024 | 2.023 | 247.4182 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.81547 | 1.456 | 1.454 | 103.7253 | 0.0801 |
| n-Propanol | 0.90260 | 2.623 | 2.621 | 230.9259 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** Blood QC B (24-1123) **Description:** **Sample Barcode** 24-1123 **Vial Number:** 44
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 2:03:36 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\044F4401.D




**Name** FID1A

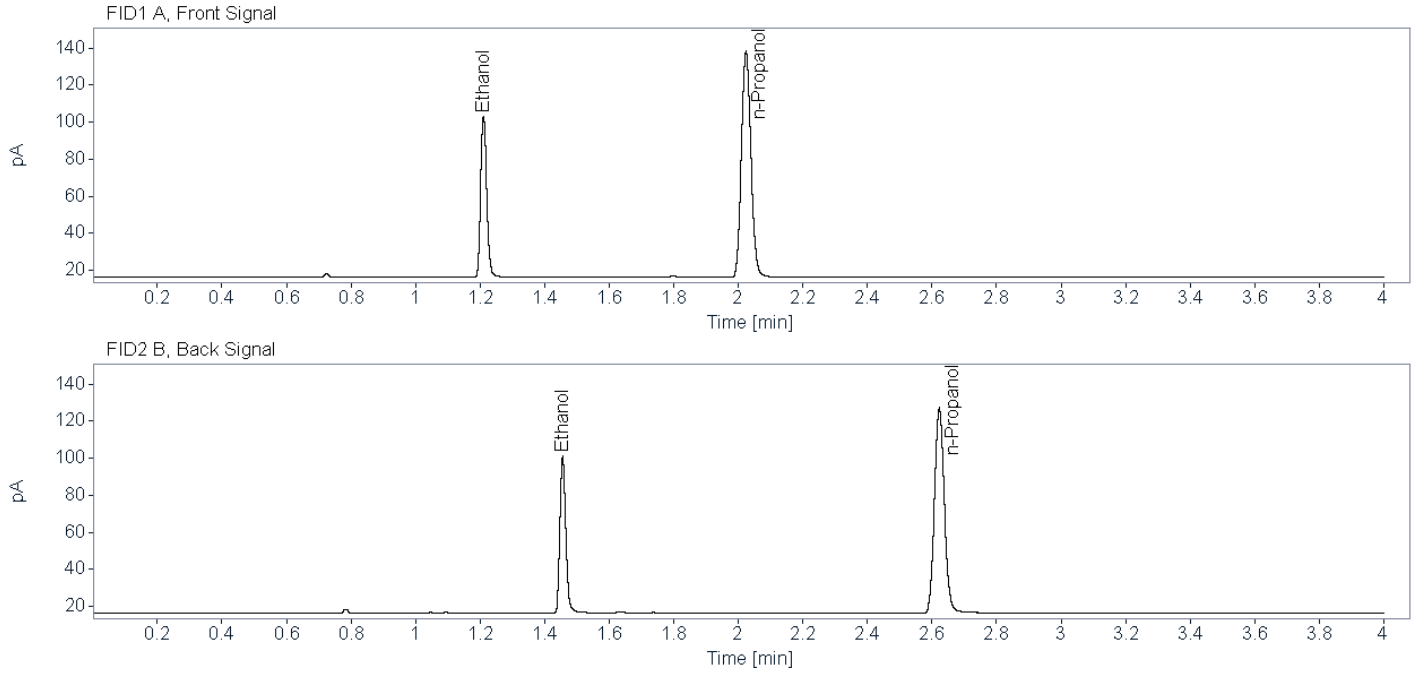
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.85837 | 1.210 | 1.209 | 296.3783 | 0.2048 |
| n-Propanol | 0.87882 | 2.024 | 2.023 | 258.6494 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.85882 | 1.455 | 1.454 | 279.4656 | 0.2049 |
| n-Propanol | 0.90344 | 2.623 | 2.621 | 241.2909 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** Blood QC A (24-1134) **Description:** **Sample Barcode** 24-1134 **Vial Number:** 55
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 3:01:17 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\055F5501.D




**Name** FID1A

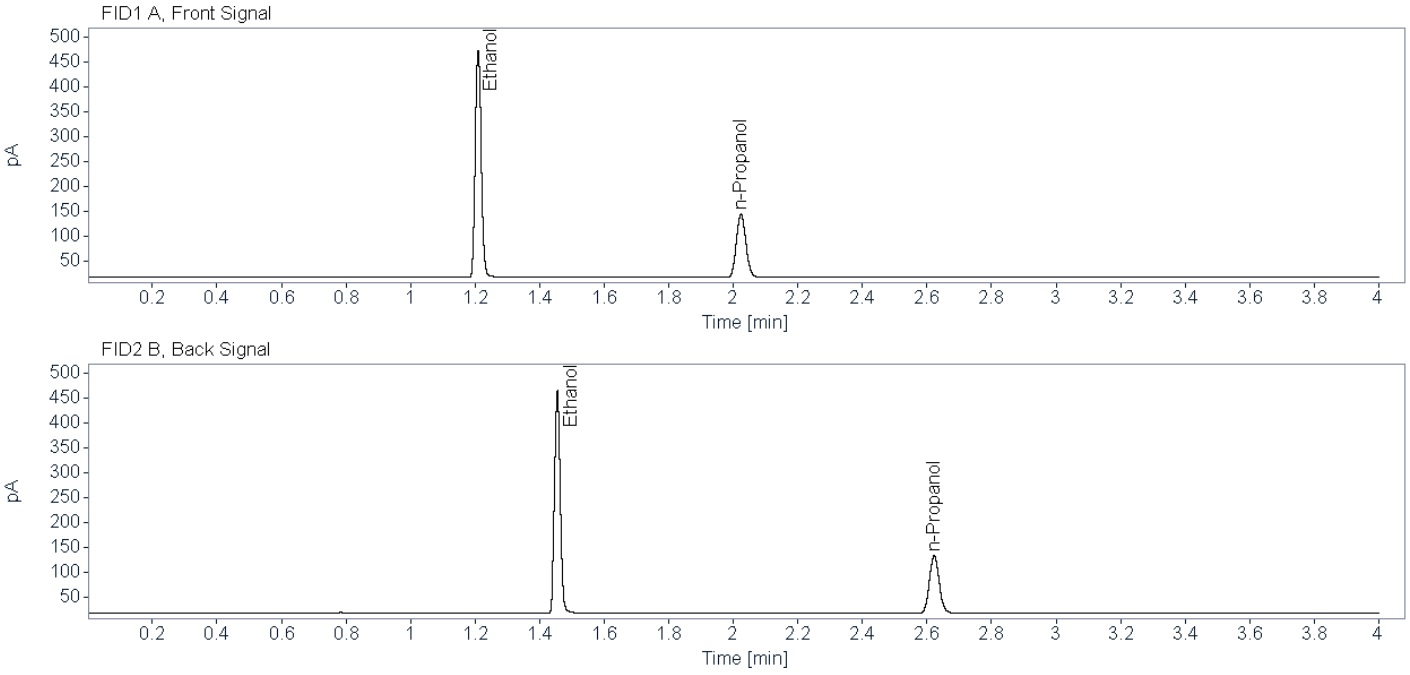
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.82497 | 1.211 | 1.209 | 113.6332 | 0.0818 |
| n-Propanol | 0.87391 | 2.024 | 2.023 | 250.0941 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.81389 | 1.456 | 1.454 | 106.5528 | 0.0814 |
| n-Propanol | 0.89573 | 2.623 | 2.621 | 233.4902 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** High QC (24-1135) **Description:** **Sample Barcode** 24-1135 **Vial Number:** 56
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 3:06:00 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\056F5601.D




**Name** FID1A

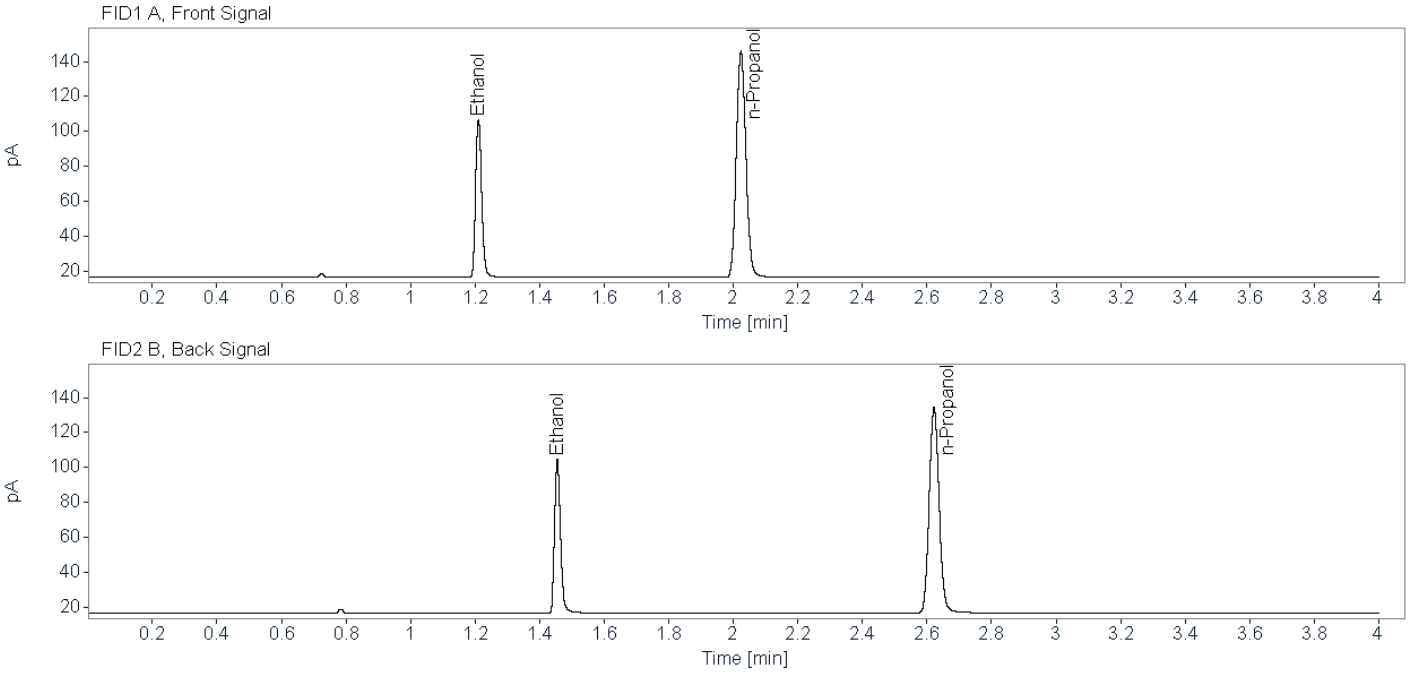
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.89088 | 1.210 | 1.209 | 592.5848 | 0.4021 |
| n-Propanol | 0.87658 | 2.024 | 2.023 | 262.8175 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.91170 | 1.455 | 1.454 | 560.4452 | 0.4026 |
| n-Propanol | 0.90597 | 2.622 | 2.621 | 245.5764 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** Low QC (24-1136) **Description:** **Sample Barcode** 24-1136 **Vial Number:** 57
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 3:11:41 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\057F5701.D




**Name** FID1A

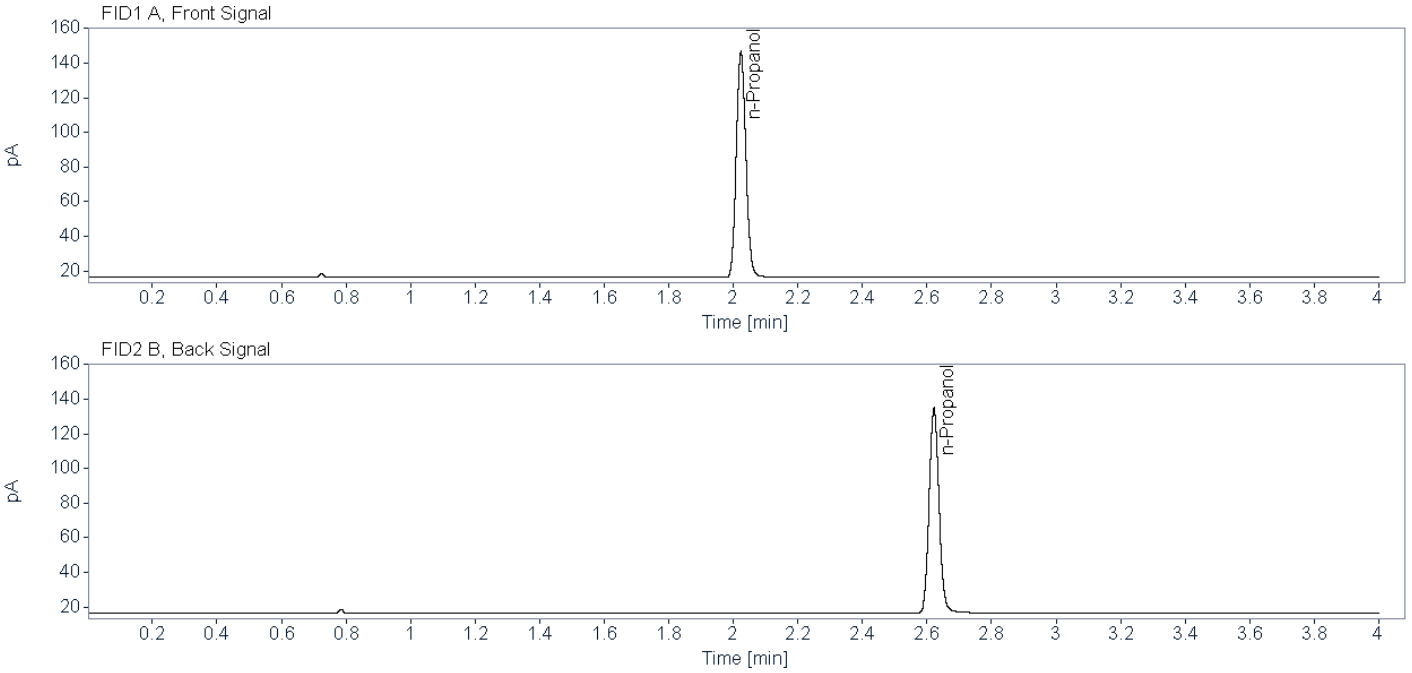
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.82446 | 1.210 | 1.209 | 118.8448 | 0.0802 |
| n-Propanol | 0.87501 | 2.024 | 2.023 | 266.8410 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.80855 | 1.455 | 1.454 | 111.5451 | 0.0799 |
| n-Propanol | 0.90150 | 2.622 | 2.621 | 249.1181 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** DI Water (24-1137) **Description:** **Sample Barcode** 24-1137 **Vial Number:** 58
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 3:16:24 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\058F5801.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.87101 | 2.024 | 2.023 | 268.6204 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.90386 | 2.622 | 2.621 | 250.8362 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-21-1676 001

**Batch Name:** BAC_20240502_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1529 | Aliquot 1: | 0.1524 |
| | Aliquot 2: | 0.1525 | Aliquot 2: | 0.1520 |

**Reported Result: 0.152 g/100 mL**

**Reported UM: 0.022 g/100 mL**

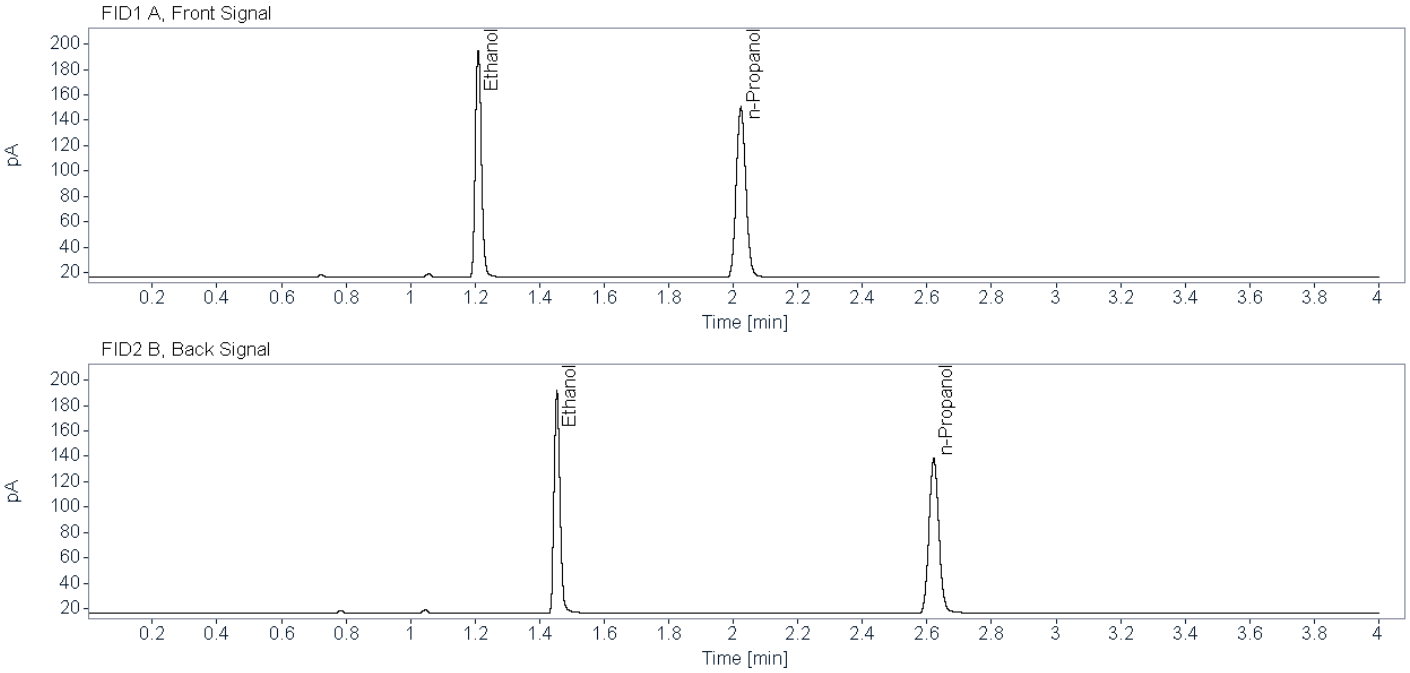
**Comments:**

Previously analyzed in BAC_20240312_KB, BAC_20240328_KB, BAC_20240402_KB, and BAC_20240416_KB -KB 5/17/2024

**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-21-1676 001 (24-1091) **Description:** Alq 1 **Sample Barcode** 24-1091 **Vial Number:** 12
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 11:17:12 AM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\012F1201.D




**Name** FID1A

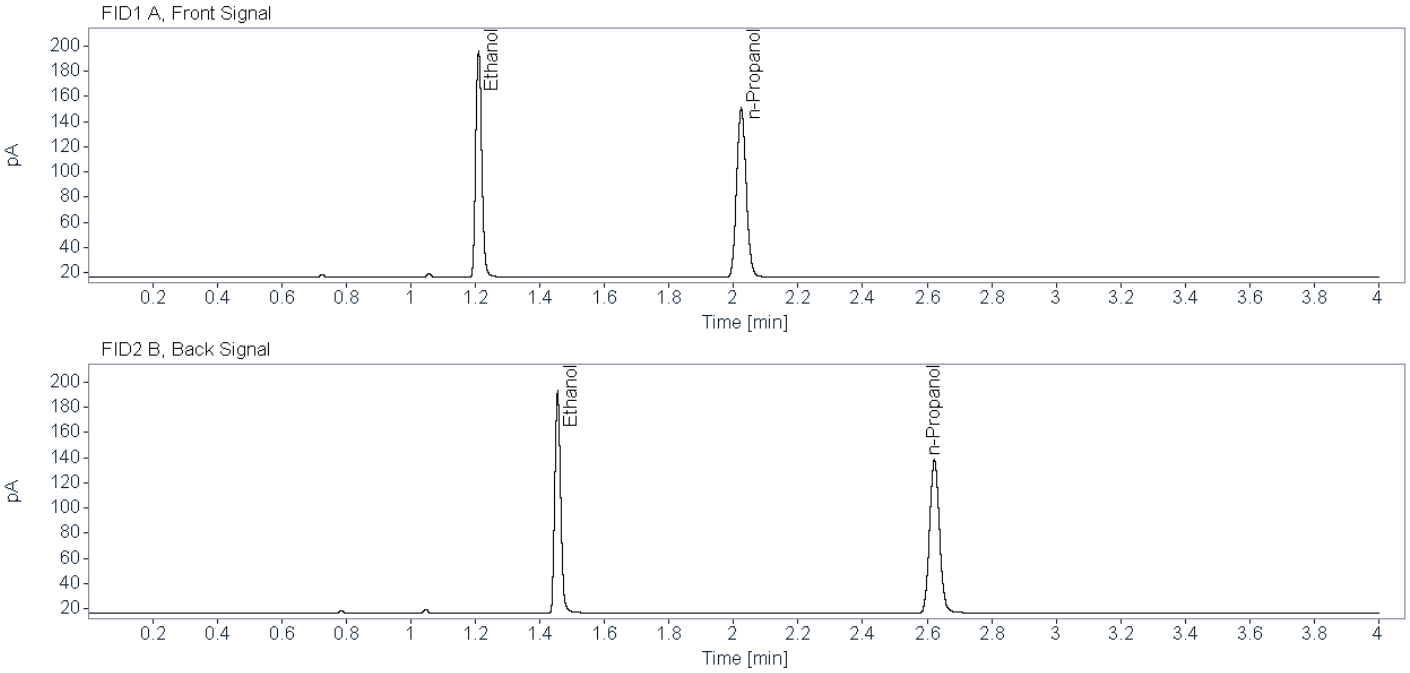
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.83754 | 1.210 | 1.209 | 235.0730 | 0.1529 |
| n-Propanol | 0.87067 | 2.023 | 2.023 | 275.3781 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.83495 | 1.454 | 1.454 | 221.4325 | 0.1524 |
| n-Propanol | 0.91414 | 2.621 | 2.621 | 257.5230 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-21-1676 001 (24-1133) **Description:** Alq 2 **Sample Barcode** 24-1133 **Vial Number:** 54
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 2:55:36 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\054F5401.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.85309 | 1.210 | 1.209 | 235.1357 | 0.1525 |
| n-Propanol | 0.87886 | 2.024 | 2.023 | 276.0534 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.84402 | 1.455 | 1.454 | 221.3657 | 0.1520 |
| n-Propanol | 0.91048 | 2.622 | 2.621 | 258.1527 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-23-2013 001

**Batch Name:** BAC_20240502_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1135 | Aliquot 1: | 0.1131 |
| | Aliquot 2: | 0.1167 | Aliquot 2: | 0.1164 |

**Reported Result: 0.114 g/100 mL**

**Reported UM: 0.016 g/100 mL**

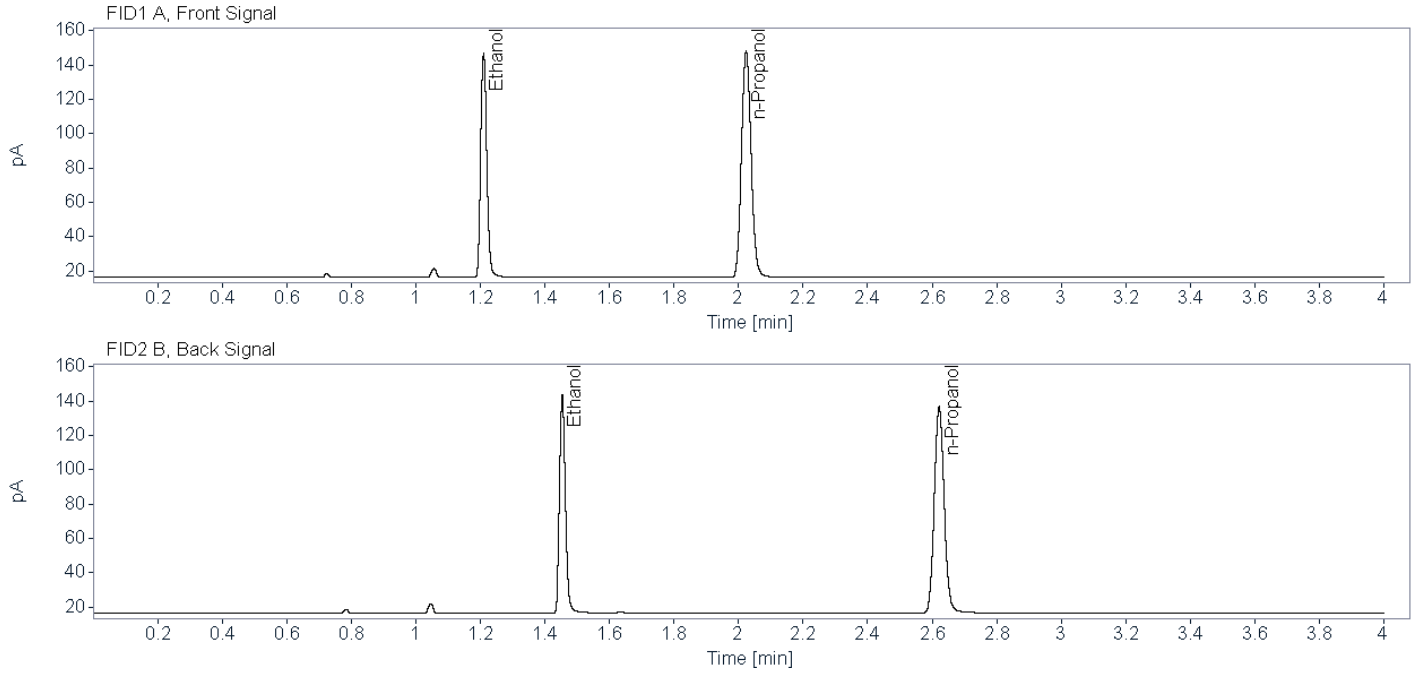
**Comments:**

Previously analyzed in BAC_20240328_KB, BAC_20240402_KB, and BAC_20240416_KB -KB 5/17/2024

**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-23-2013 001 (24-1092) **Description:** Alq 1 **Sample Barcode** 24-1092 **Vial Number:** 13
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 11:22:53 AM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\013F1301.D




**Name** FID1A

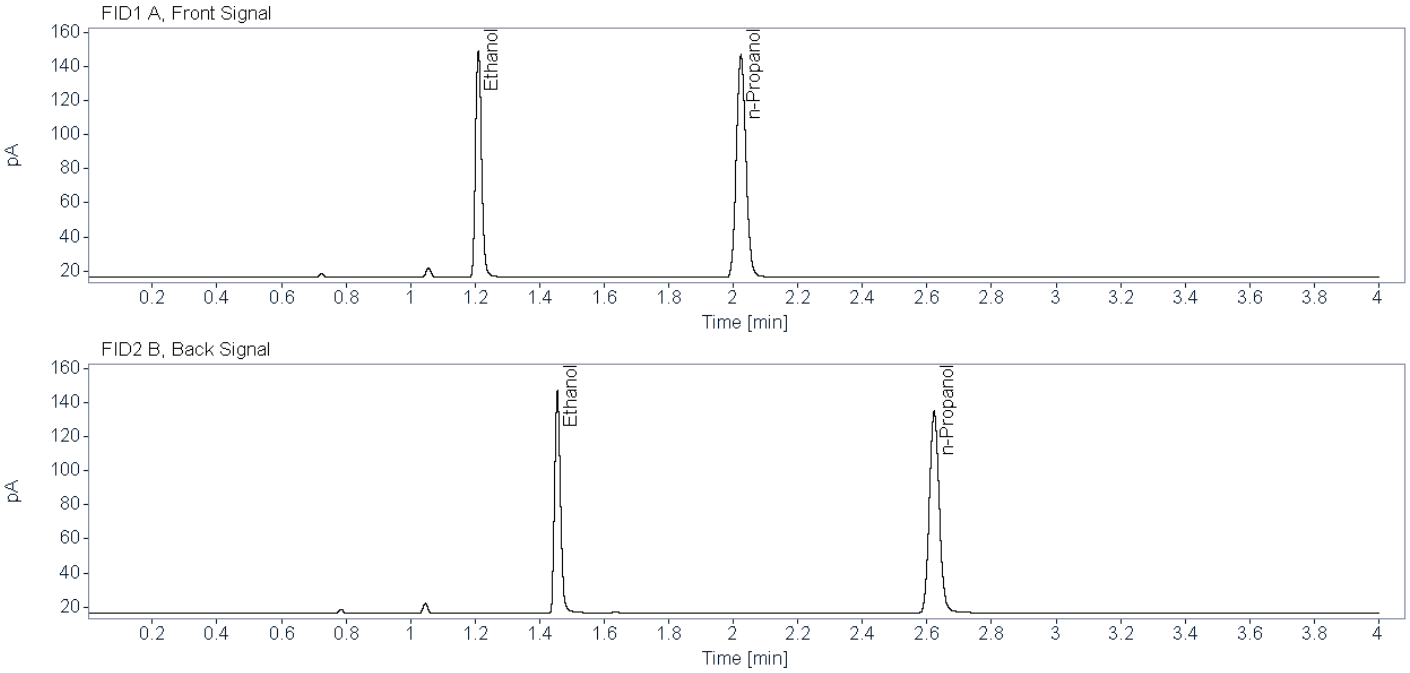
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.84023 | 1.210 | 1.209 | 172.1806 | 0.1135 |
| n-Propanol | 0.88045 | 2.023 | 2.023 | 272.1943 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.82400 | 1.454 | 1.454 | 161.9930 | 0.1131 |
| n-Propanol | 0.90418 | 2.621 | 2.621 | 254.4594 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-23-2013 001 (24-1132) **Description:** Alq 2 **Sample Barcode** 24-1132 **Vial Number:** 53
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 2:50:53 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\053F5301.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.83239 | 1.210 | 1.209 | 173.8594 | 0.1167 |
| n-Propanol | 0.86834 | 2.024 | 2.023 | 267.3066 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.82590 | 1.455 | 1.454 | 163.6429 | 0.1164 |
| n-Propanol | 0.89991 | 2.622 | 2.621 | 249.7796 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-23-2040 001

**Batch Name:** BAC_20240502_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.2486 | Aliquot 1: | 0.2481 |
| | Aliquot 2: | 0.2388 | Aliquot 2: | 0.2383 |

**Reported Result: 0.243 g/100 mL**

**Reported UM: 0.035 g/100 mL**

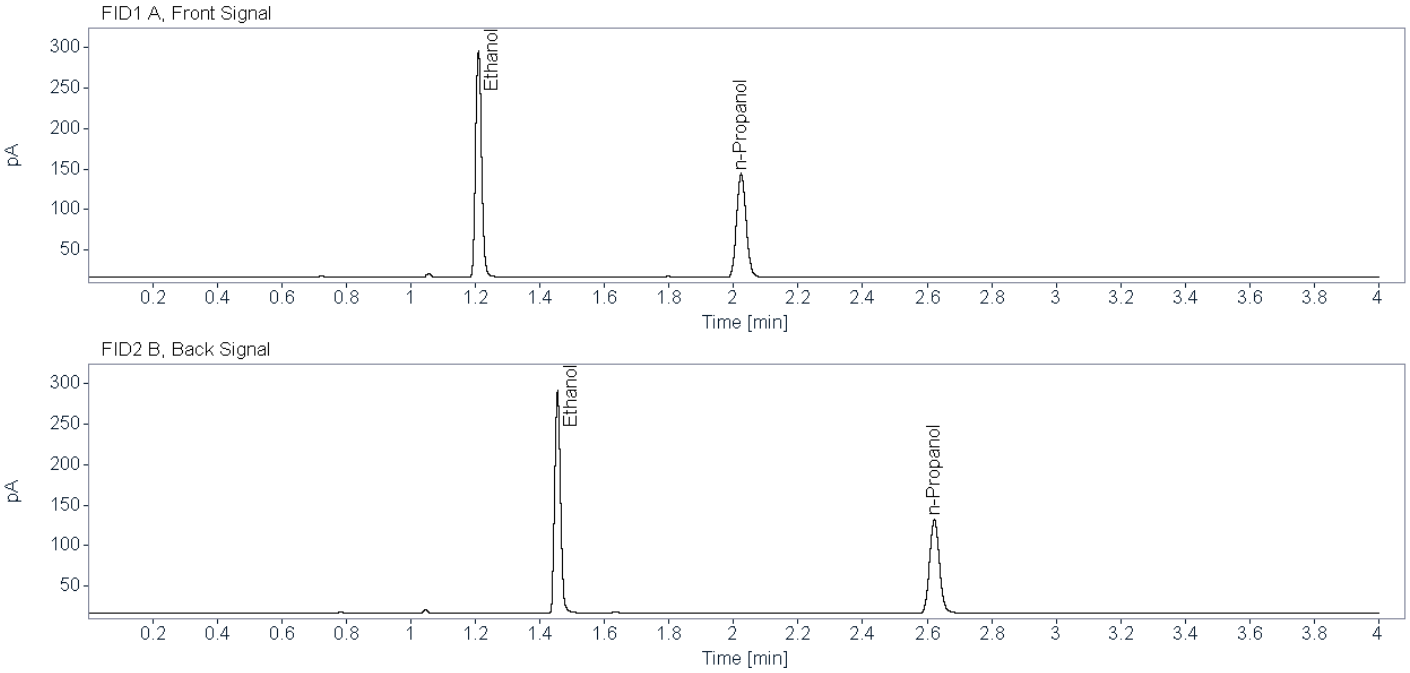
**Comments:**

Previously analyzed in BAC_20240328_KB, BAC_20240402_KB, and BAC_20240416_KB -KB 5/17/2024

**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-23-2040 001 (24-1093) **Description:** Alq 1 **Sample Barcode** 24-1093 **Vial Number:** 14
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 11:27:36 AM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\014F1401.D




**Name** FID1A

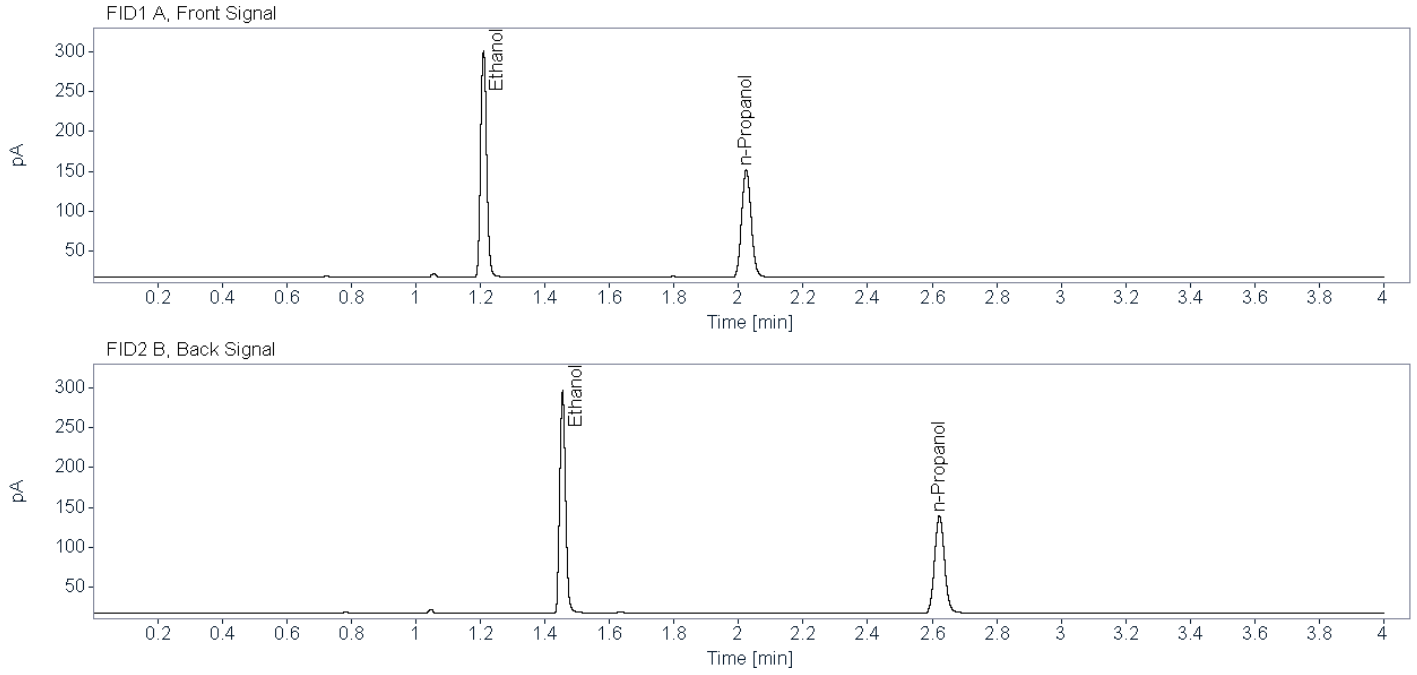
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.86364 | 1.210 | 1.209 | 364.4825 | 0.2486 |
| n-Propanol | 0.87755 | 2.024 | 2.023 | 261.9008 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.87303 | 1.455 | 1.454 | 344.0242 | 0.2481 |
| n-Propanol | 0.90688 | 2.622 | 2.621 | 244.9845 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-23-2040 001 (24-1131) **Description:** Alq 2 **Sample Barcode** 24-1131 **Vial Number:** 52
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 2:45:12 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\052F5201.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.86314 | 1.210 | 1.209 | 372.5794 | 0.2388 |
| n-Propanol | 0.87239 | 2.024 | 2.023 | 278.7003 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.87366 | 1.455 | 1.454 | 351.2417 | 0.2383 |
| n-Propanol | 0.90630 | 2.622 | 2.621 | 260.5127 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-23-2059 003

**Batch Name:** BAC_20240502_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1195 | Aliquot 1: | 0.1195 |
| | Aliquot 2: | 0.1148 | Aliquot 2: | 0.1143 |

**Reported Result: 0.117 g/100 mL**

**Reported UM: 0.017 g/100 mL**

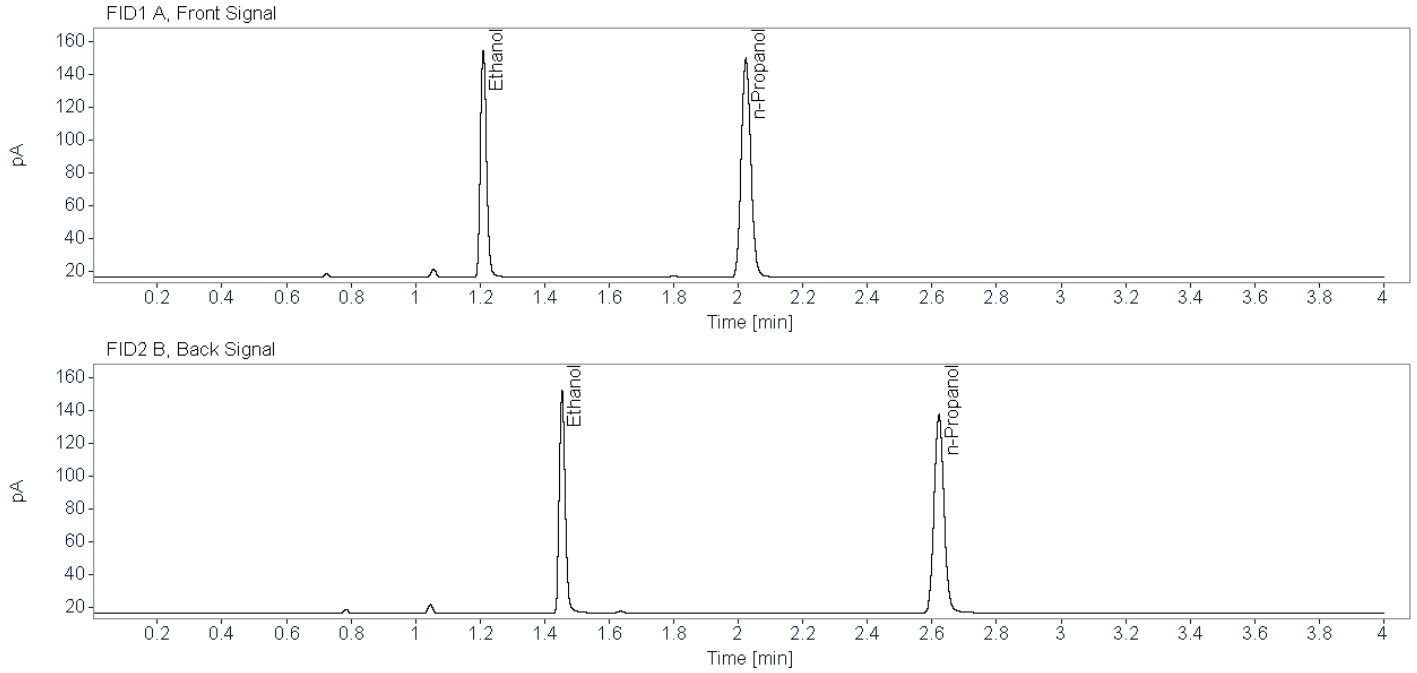
**Comments:**

Previously analyzed in BAC_20240328_KB, BAC_20240402_KB, and BAC_20240416_KB -KB 5/17/2024

**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-23-2059 003 (24-1094) **Description:** Alq 1 **Sample Barcode** 24-1094 **Vial Number:** 15
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 11:33:17 AM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\015F1501.D




**Name** FID1A

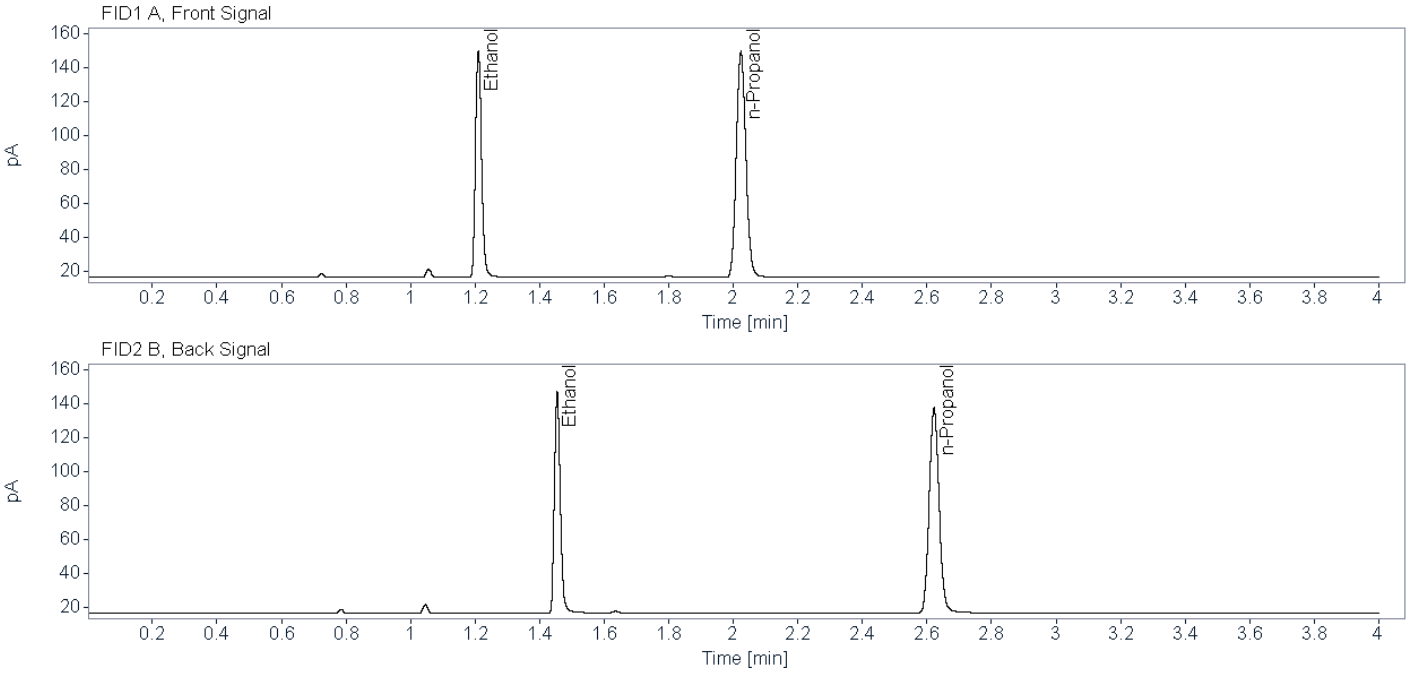
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.83052 | 1.210 | 1.209 | 182.1437 | 0.1195 |
| n-Propanol | 0.87185 | 2.023 | 2.023 | 273.4680 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.82837 | 1.454 | 1.454 | 172.0466 | 0.1195 |
| n-Propanol | 0.90336 | 2.622 | 2.621 | 255.6275 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-23-2059 003 (24-1130) **Description:** Alq 2 **Sample Barcode** 24-1130 **Vial Number:** 51
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 2:40:29 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\051F5101.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.83080 | 1.210 | 1.209 | 174.7093 | 0.1148 |
| n-Propanol | 0.86766 | 2.024 | 2.023 | 273.0489 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.82068 | 1.455 | 1.454 | 164.2242 | 0.1143 |
| n-Propanol | 0.90283 | 2.622 | 2.621 | 255.1456 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-23-2064 001

**Batch Name:** BAC_20240502_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1756 | Aliquot 1: | 0.1753 |
| | Aliquot 2: | 0.1797 | Aliquot 2: | 0.1800 |

**Reported Result: 0.177 g/100 mL**

**Reported UM: 0.025 g/100 mL**

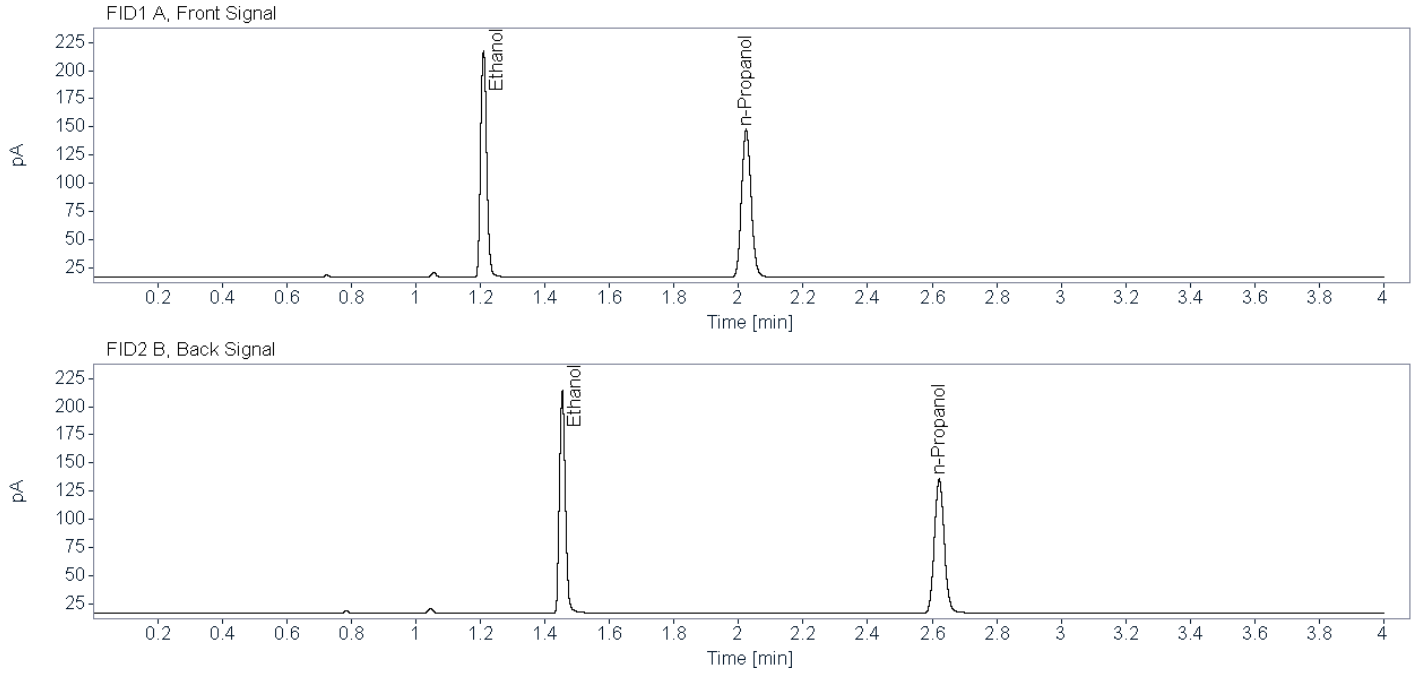
**Comments:**

Previously analyzed in BAC_20240328_KB, BAC_20240402_KB, and BAC_20240416_KB -KB 5/17/2024

**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-23-2064 001 (24-1095) **Description:** Alq 1 **Sample Barcode** 24-1095 **Vial Number:** 16
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 11:37:59 AM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\016F1601.D




**Name** FID1A

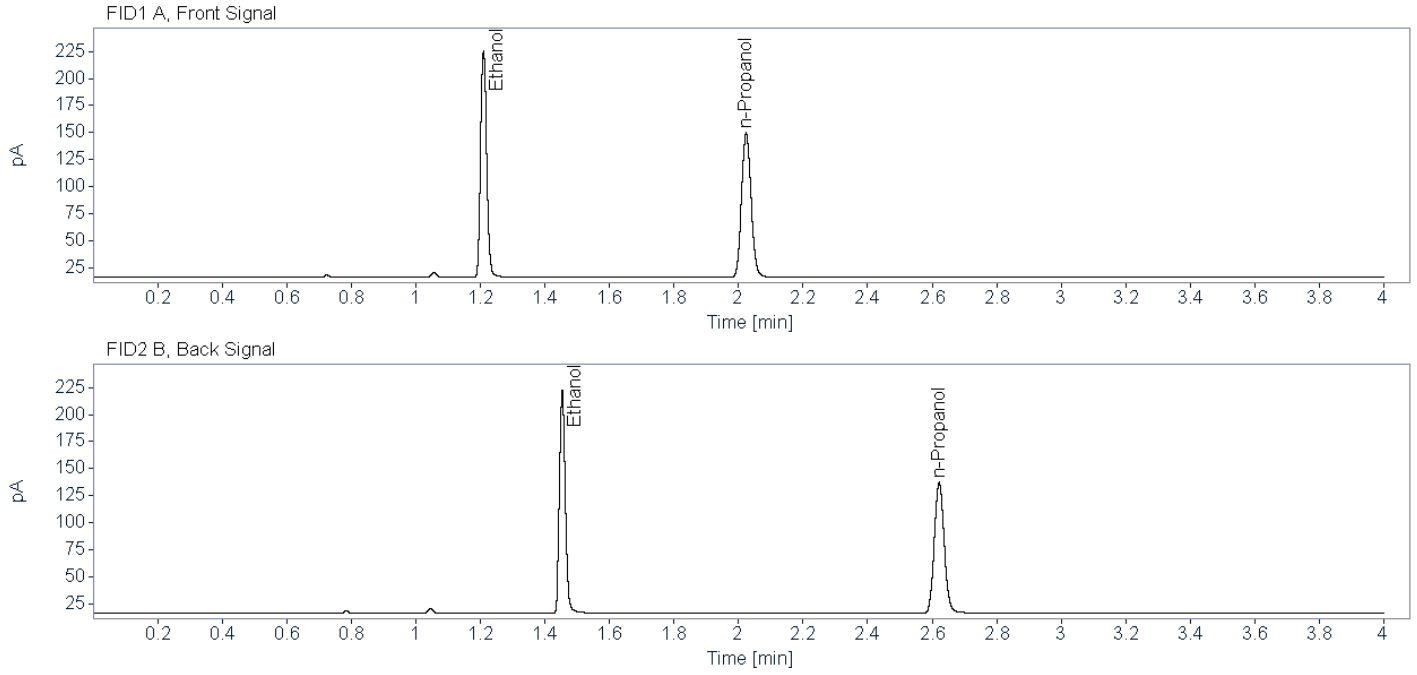
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.85070 | 1.210 | 1.209 | 264.9079 | 0.1756 |
| n-Propanol | 0.87677 | 2.024 | 2.023 | 269.8844 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.84741 | 1.454 | 1.454 | 249.5861 | 0.1753 |
| n-Propanol | 0.90984 | 2.622 | 2.621 | 252.0226 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-23-2064 001 (24-1129) **Description:** Alq 2 **Sample Barcode** 24-1129 **Vial Number:** 50
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 2:34:48 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\050F5001.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.84901 | 1.210 | 1.209 | 275.8091 | 0.1797 |
| n-Propanol | 0.87584 | 2.023 | 2.023 | 274.5795 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.85682 | 1.454 | 1.454 | 260.7253 | 0.1800 |
| n-Propanol | 0.90615 | 2.622 | 2.621 | 256.3976 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-23-2078 001

**Batch Name:** BAC_20240502_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1786 | Aliquot 1: | 0.1787 |
| | Aliquot 2: | 0.1729 | Aliquot 2: | 0.1731 |

**Reported Result: 0.175 g/100 mL**

**Reported UM: 0.025 g/100 mL**

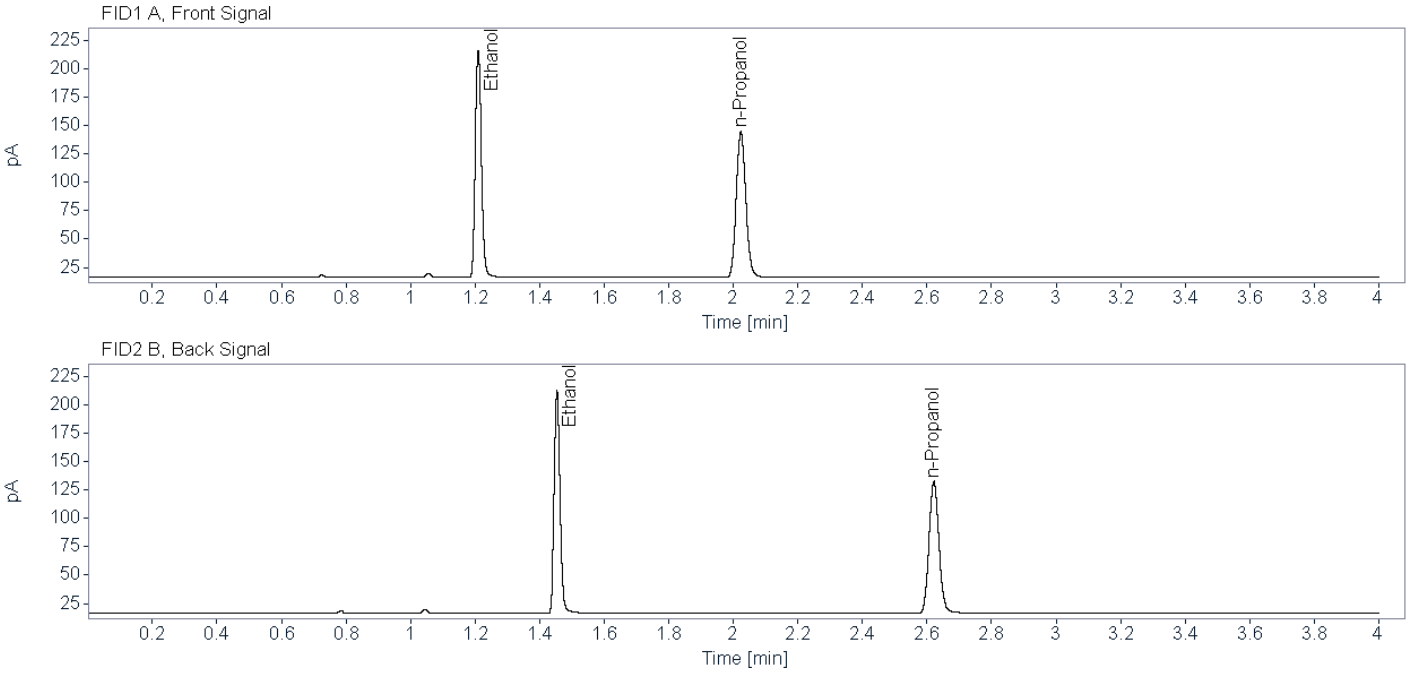
**Comments:**

Previously analyzed in BAC_20240328_KB, BAC_20240402_KB, and BAC_20240416_KB -KB 5/17/2024

**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-23-2078 001 (24-1096) **Description:** Alq 1 **Sample Barcode** 24-1096 **Vial Number:** 17
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 11:43:41 AM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\017F1701.D




**Name** FID1A

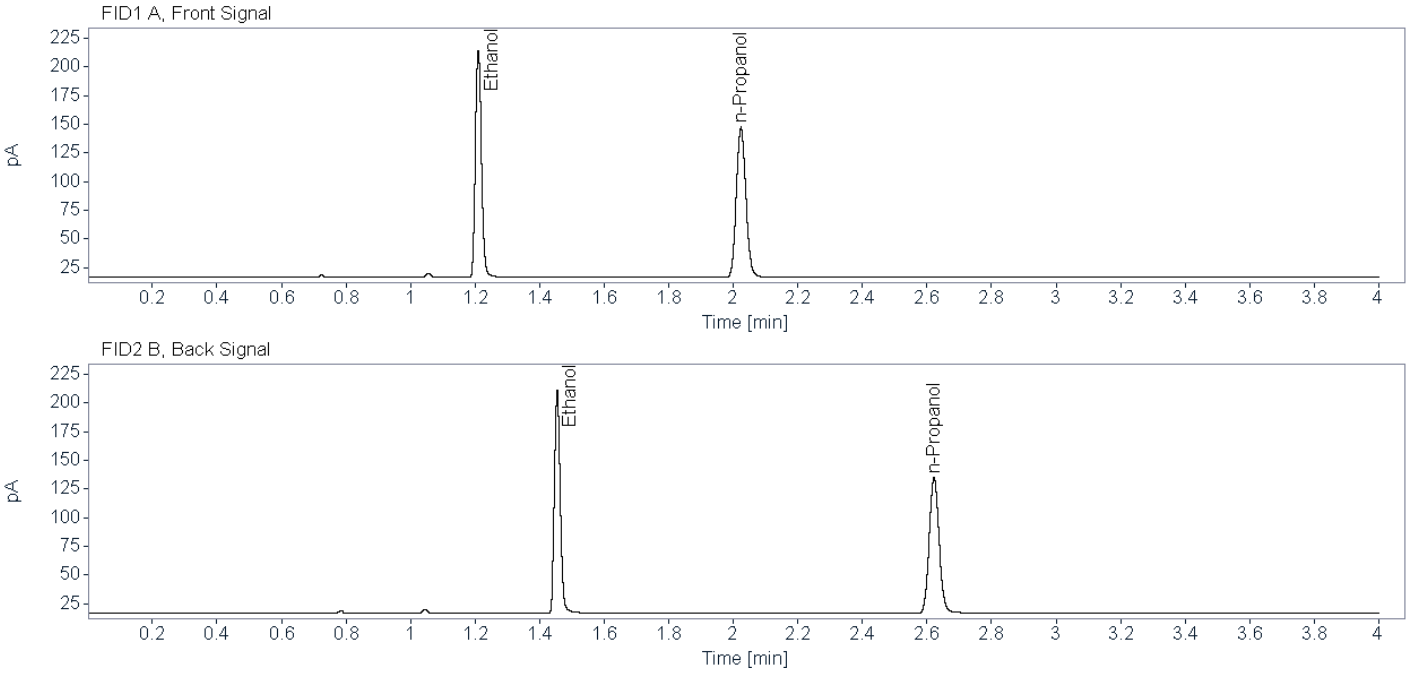
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.84088 | 1.210 | 1.209 | 262.5753 | 0.1786 |
| n-Propanol | 0.86874 | 2.023 | 2.023 | 262.9971 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.84181 | 1.454 | 1.454 | 248.0956 | 0.1787 |
| n-Propanol | 0.91318 | 2.622 | 2.621 | 245.7279 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-23-2078 001 (24-1128) **Description:** Alq 2 **Sample Barcode** 24-1128 **Vial Number:** 49
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 2:30:05 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\049F4901.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.84280 | 1.210 | 1.209 | 259.6888 | 0.1729 |
| n-Propanol | 0.86762 | 2.024 | 2.023 | 268.6623 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.85464 | 1.455 | 1.454 | 245.4253 | 0.1731 |
| n-Propanol | 0.90466 | 2.622 | 2.621 | 251.0011 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-23-2104 001

**Batch Name:** BAC_20240502_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1847 | Aliquot 1: | 0.1840 |
| | Aliquot 2: | 0.1855 | Aliquot 2: | 0.1855 |

**Reported Result: 0.184 g/100 mL**

**Reported UM: 0.026 g/100 mL**

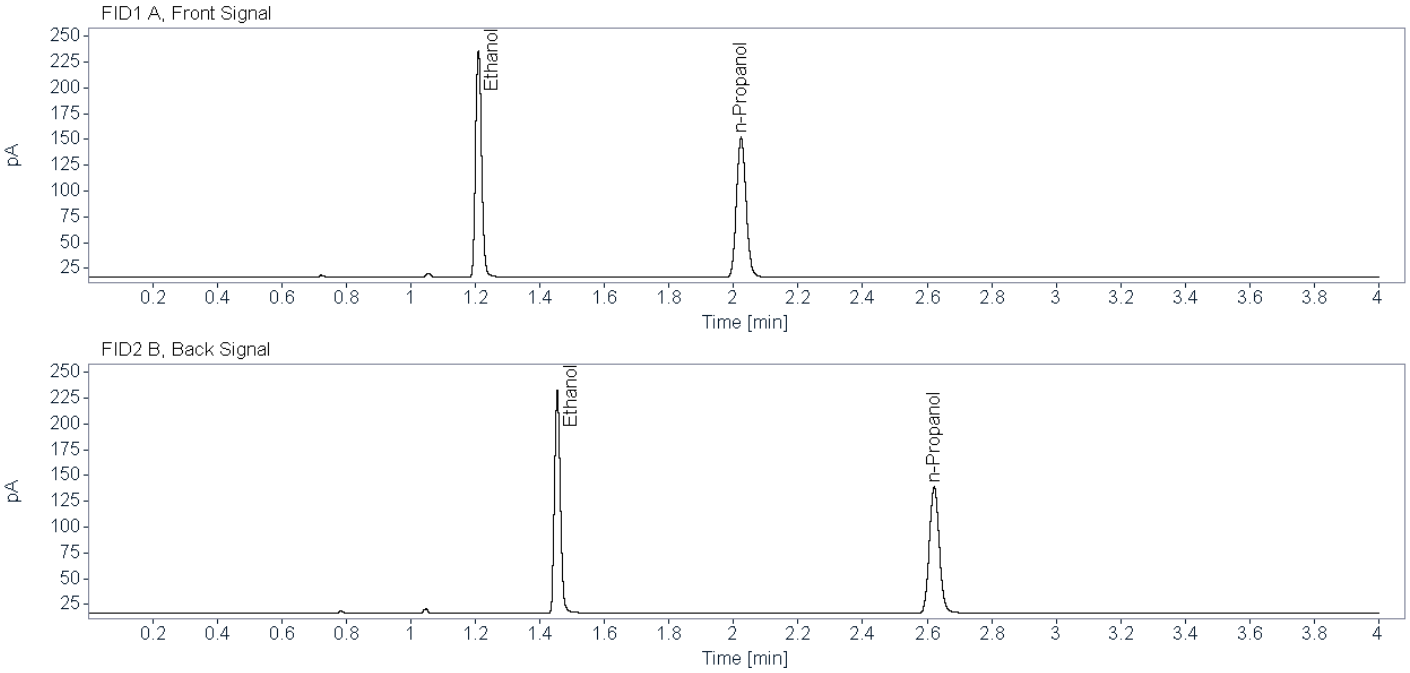
**Comments:**

Previously analyzed in BAC_20240328_KB, BAC_20240402_KB, and BAC_20240416_KB -KB 5/17/2024

**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-23-2104 001 (24-1097) **Description:** Alq 1 **Sample Barcode** 24-1097 **Vial Number:** 18
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 11:48:24 AM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\018F1801.D




**Name** FID1A

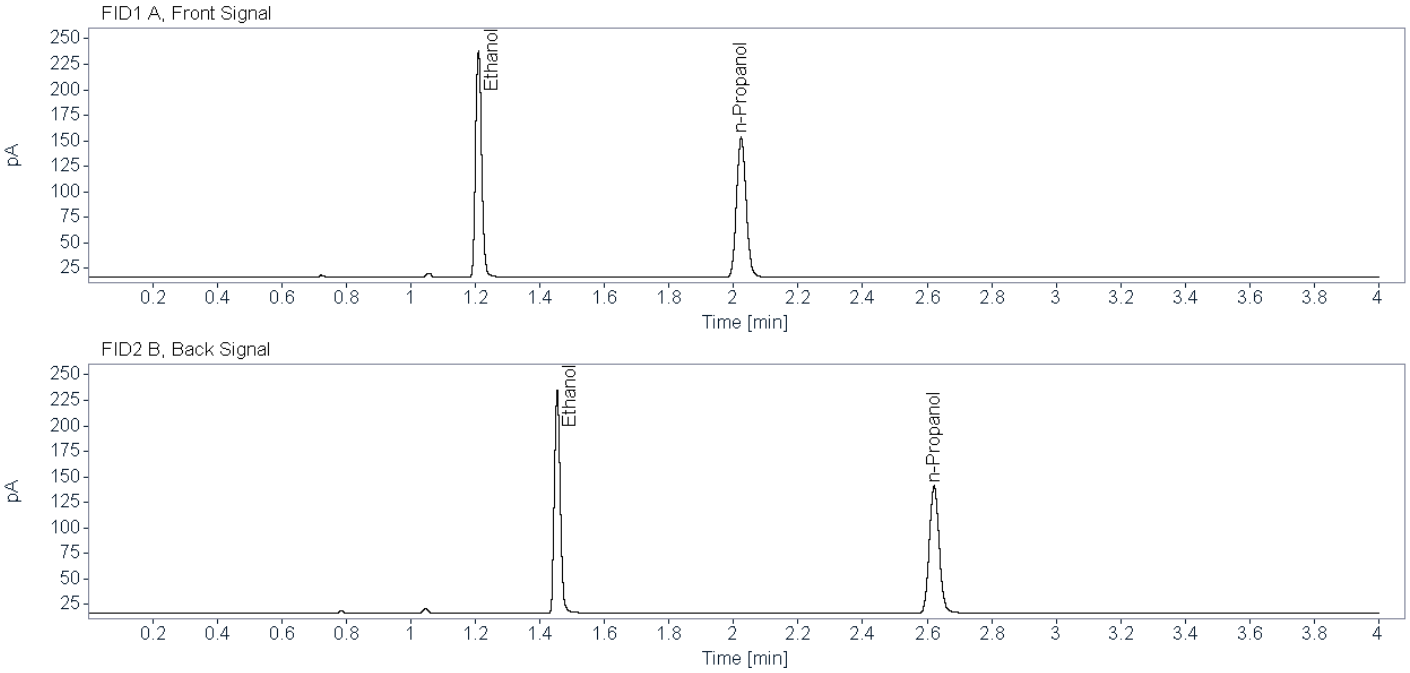
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.84843 | 1.210 | 1.209 | 287.6745 | 0.1847 |
| n-Propanol | 0.87831 | 2.023 | 2.023 | 278.5472 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.85408 | 1.454 | 1.454 | 270.9026 | 0.1840 |
| n-Propanol | 0.91154 | 2.622 | 2.621 | 260.6337 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-23-2104 001 (24-1127) **Description:** Alq 2 **Sample Barcode** 24-1127 **Vial Number:** 48
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 2:24:24 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\048F4801.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.85233 | 1.210 | 1.209 | 292.4094 | 0.1855 |
| n-Propanol | 0.87888 | 2.024 | 2.023 | 281.9683 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.86226 | 1.454 | 1.454 | 276.3537 | 0.1855 |
| n-Propanol | 0.90417 | 2.621 | 2.621 | 263.6262 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-23-2115 001

**Batch Name:** BAC_20240502_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.2580 | Aliquot 1: | 0.2578 |
| | Aliquot 2: | 0.2408 | Aliquot 2: | 0.2408 |

**Reported Result: 0.249 g/100 mL**

**Reported UM: 0.036 g/100 mL**

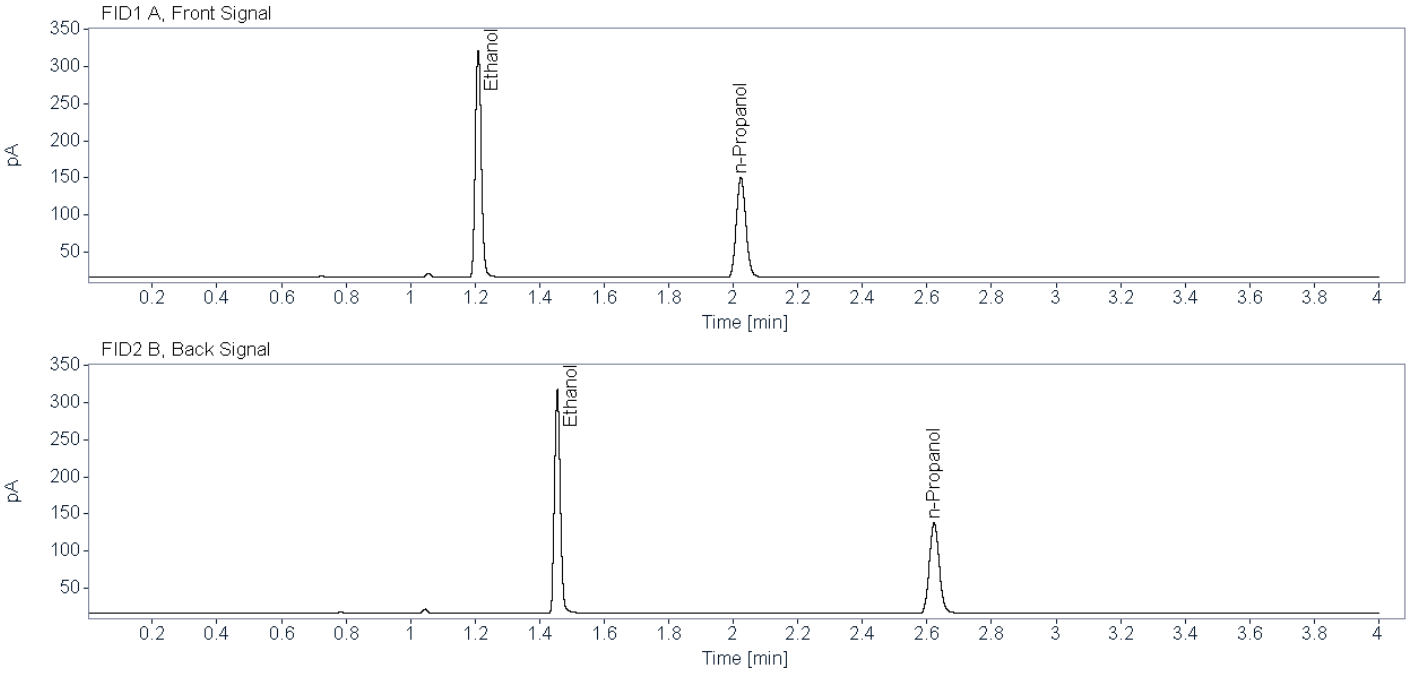
**Comments:**

Previously analyzed in BAC_20240328_KB, BAC_20240402_KB, and BAC_20240416_KB -KB 5/17/2024

**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-23-2115 001 (24-1098) **Description:** Alq 1 **Sample Barcode** 24-1098 **Vial Number:** 19
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 11:54:05 AM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\019F1901.D




**Name** FID1A

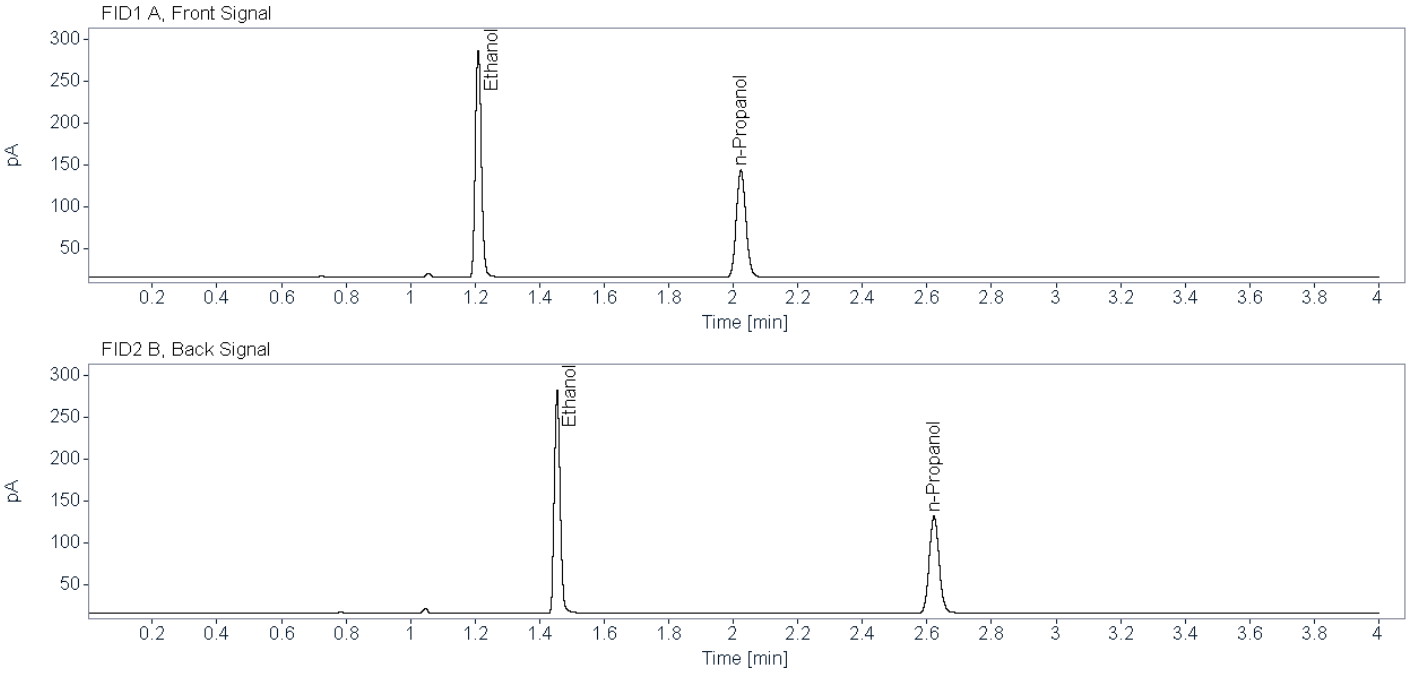
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.85801 | 1.210 | 1.209 | 397.2057 | 0.2580 |
| n-Propanol | 0.86962 | 2.024 | 2.023 | 274.9860 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.87809 | 1.455 | 1.454 | 374.9295 | 0.2578 |
| n-Propanol | 0.90900 | 2.622 | 2.621 | 256.9876 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-23-2115 001 (24-1126) **Description:** Alq 2 **Sample Barcode** 24-1126 **Vial Number:** 47
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 2:19:41 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\047F4701.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.85354 | 1.210 | 1.209 | 353.8071 | 0.2408 |
| n-Propanol | 0.86837 | 2.024 | 2.023 | 262.4506 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.87481 | 1.454 | 1.454 | 334.1960 | 0.2408 |
| n-Propanol | 0.90055 | 2.622 | 2.621 | 245.2509 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-0388 004

**Batch Name:** BAC_20240502_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.0707 | Aliquot 1: | 0.0705 |
| | Aliquot 2: | 0.0710 | Aliquot 2: | 0.0705 |

**Reported Result: 0.070 g/100 mL**

**Reported UM: 0.010 g/100 mL**

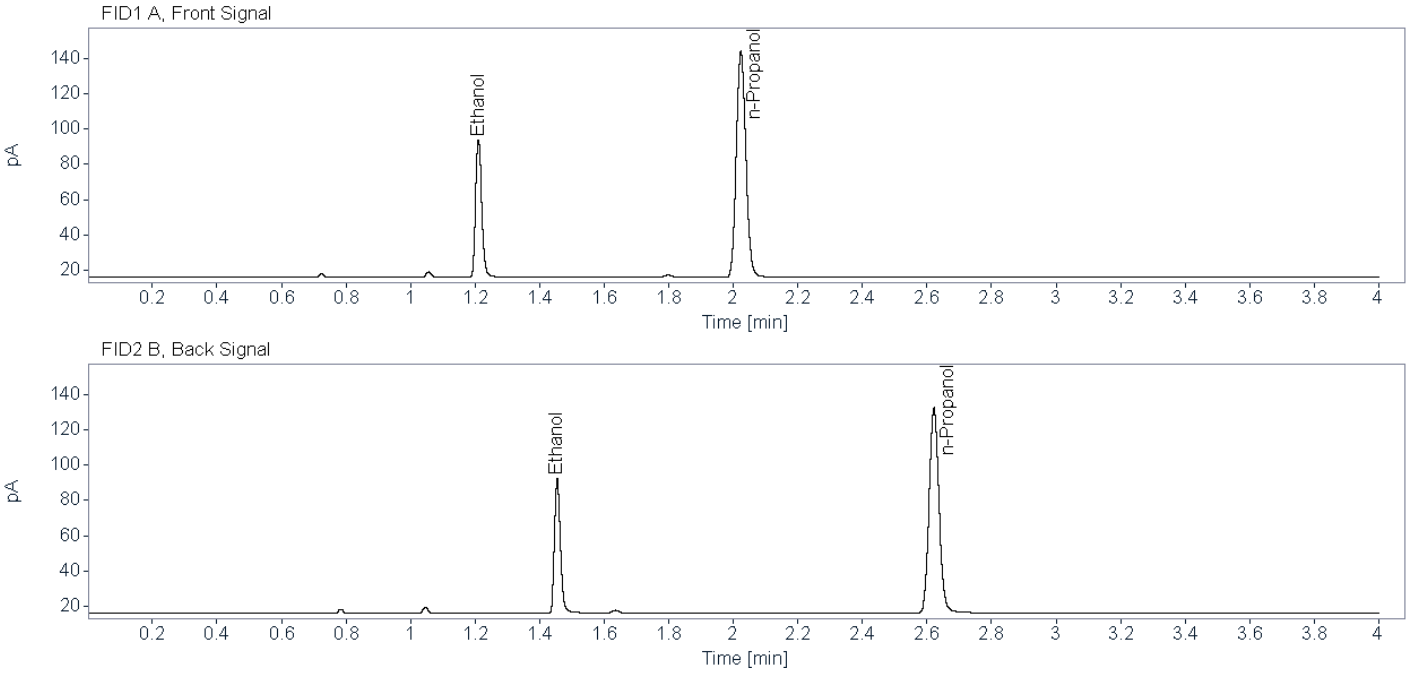
**Comments:**

Previously analyzed in BAC_20240312_KB, BAC_20240328_KB, BAC_20240402_KB, and BAC_20240416_KB -KB 5/17/2024

**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-0388 004 (24-1099) **Description:** Alq 1 **Sample Barcode** 24-1099 **Vial Number:** 20
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 11:58:48 AM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\020F2001.D




**Name** FID1A

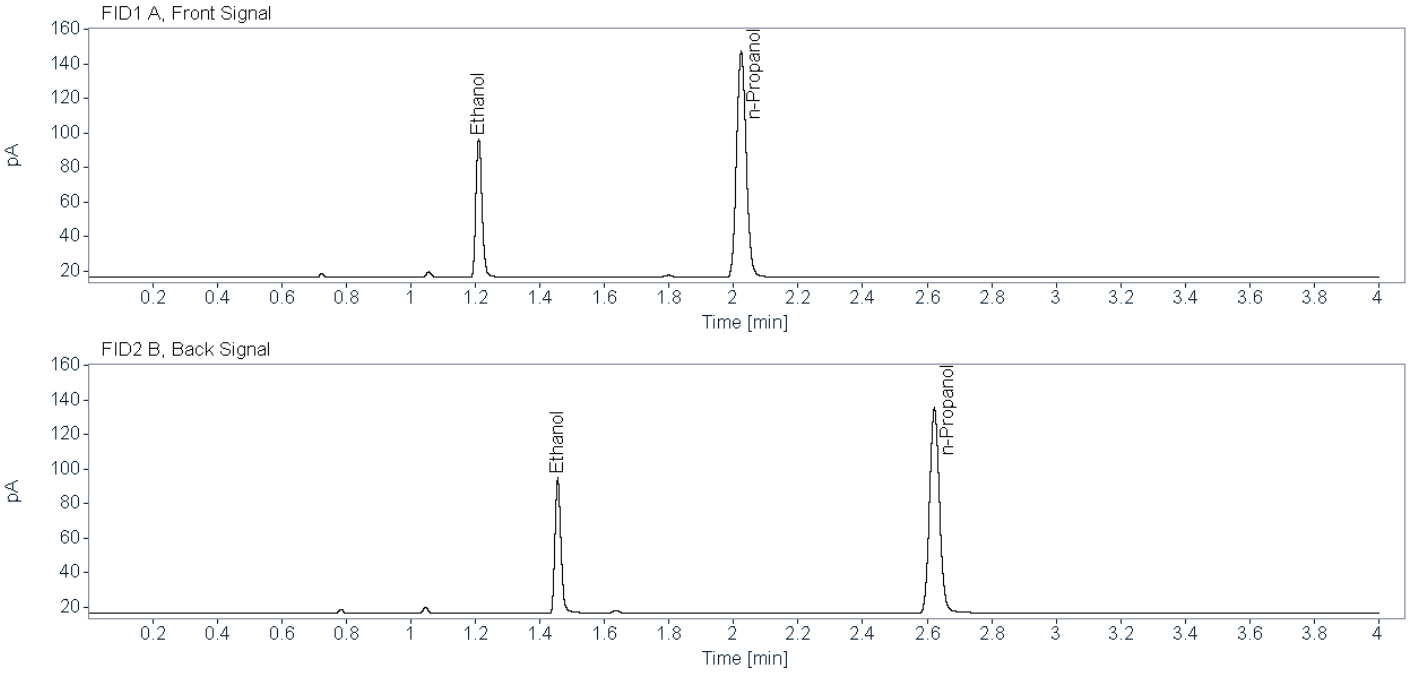
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.81978 | 1.210 | 1.209 | 102.8488 | 0.0707 |
| n-Propanol | 0.86423 | 2.023 | 2.023 | 262.3553 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.79983 | 1.455 | 1.454 | 96.5414 | 0.0705 |
| n-Propanol | 0.89936 | 2.622 | 2.621 | 244.8281 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-0388 004 (24-1125) **Description:** Alq 2 **Sample Barcode** 24-1125 **Vial Number:** 46
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 2:14:00 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\046F4601.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.83472 | 1.211 | 1.209 | 105.8338 | 0.0710 |
| n-Propanol | 0.87531 | 2.024 | 2.023 | 268.7559 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.81219 | 1.455 | 1.454 | 98.9664 | 0.0705 |
| n-Propanol | 0.89592 | 2.622 | 2.621 | 250.9528 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-0433 001

**Batch Name:** BAC_20240502_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1439 | Aliquot 1: | 0.1442 |
| | Aliquot 2: | 0.1507 | Aliquot 2: | 0.1502 |

**Reported Result: 0.147 g/100 mL**

**Reported UM: 0.021 g/100 mL**

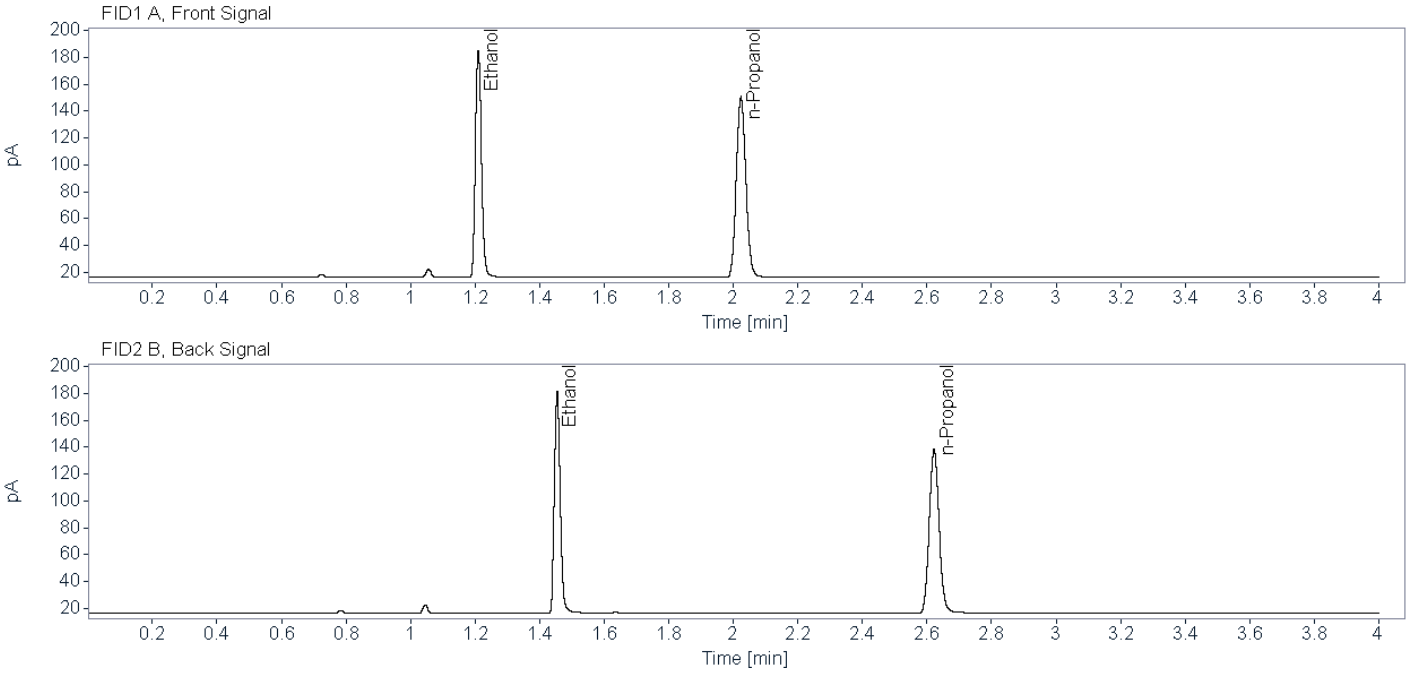
**Comments:**

Previously analyzed in BAC_20240312_KB, BAC_20240328_KB, BAC_20240402_KB, and BAC_20240416_KB -KB 5/17/2024

**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-0433 001 (24-1100) **Description:** Alq 1 **Sample Barcode** 24-1100 **Vial Number:** 21
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 12:04:29 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\021F2101.D




**Name** FID1A

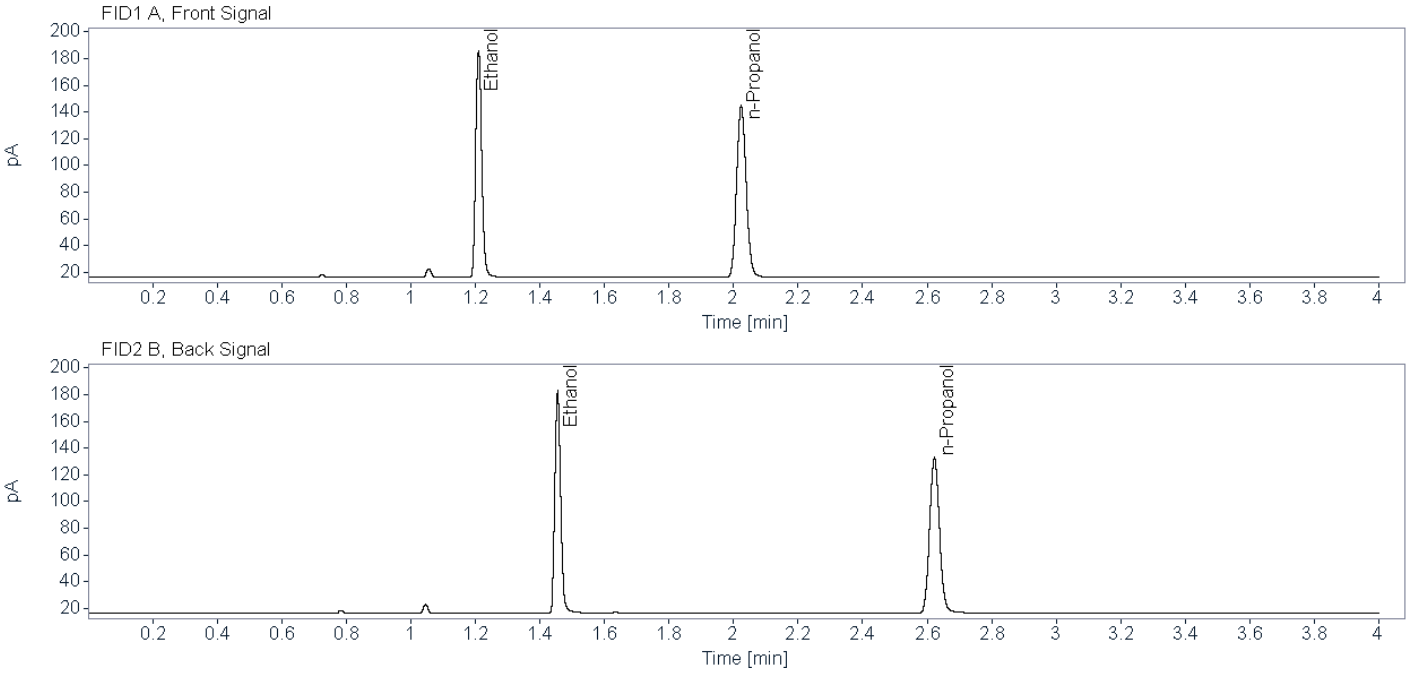
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.83800 | 1.210 | 1.209 | 221.1243 | 0.1439 |
| n-Propanol | 0.87288 | 2.024 | 2.023 | 275.2731 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.84228 | 1.454 | 1.454 | 209.0997 | 0.1442 |
| n-Propanol | 0.90513 | 2.622 | 2.621 | 257.0507 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-0433 001 (24-1124) **Description:** Alq 2 **Sample Barcode** 24-1124 **Vial Number:** 45
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 2:09:16 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\045F4501.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.84999 | 1.210 | 1.209 | 221.8674 | 0.1507 |
| n-Propanol | 0.87328 | 2.024 | 2.023 | 263.6701 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.84097 | 1.455 | 1.454 | 208.7672 | 0.1502 |
| n-Propanol | 0.90030 | 2.622 | 2.621 | 246.4226 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-0795 001

**Batch Name:** BAC_20240502_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1779 | Aliquot 1: | 0.1783 |
| | Aliquot 2: | 0.1773 | Aliquot 2: | 0.1765 |

**Reported Result: 0.177 g/100 mL**

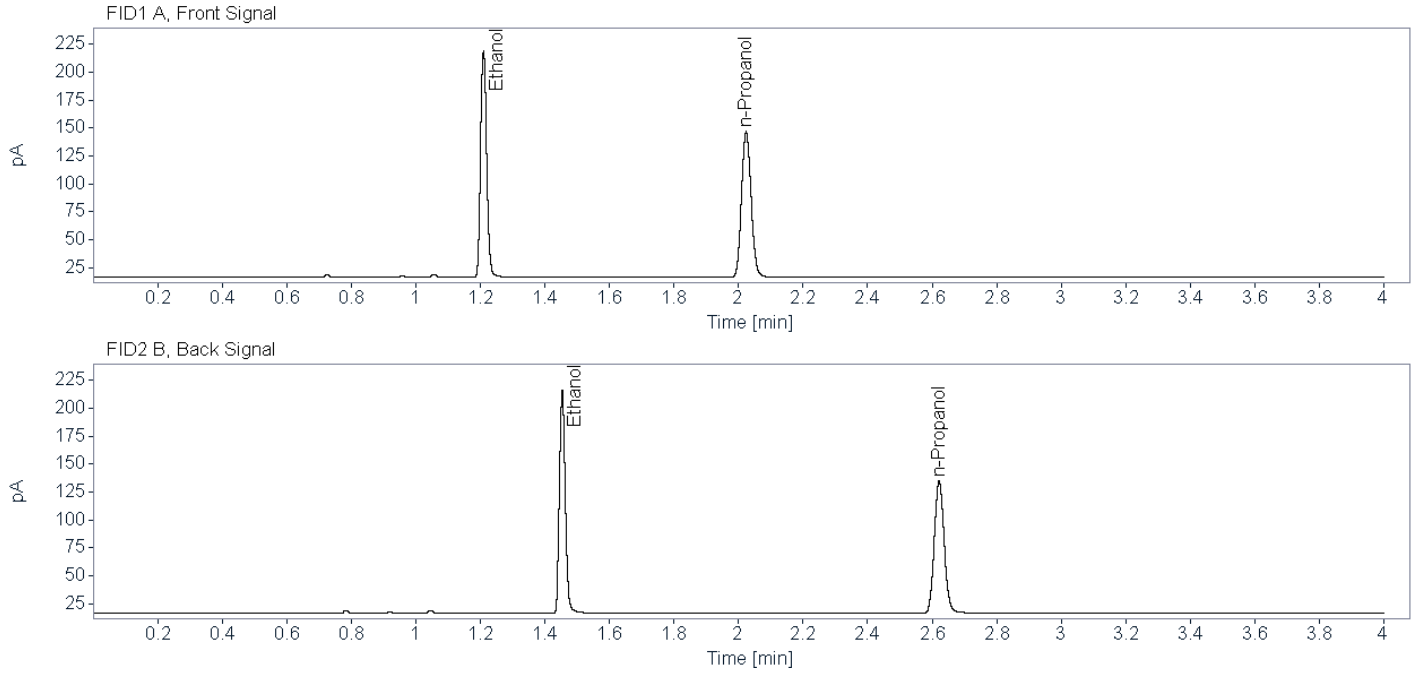
**Reported UM: 0.025 g/100 mL**

**Comments:**

**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-0795 001 (24-1102) **Description:** Alq 1 **Sample Barcode** 24-1102 **Vial Number:** 23
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 12:14:53 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\023F2301.D




**Name** FID1A

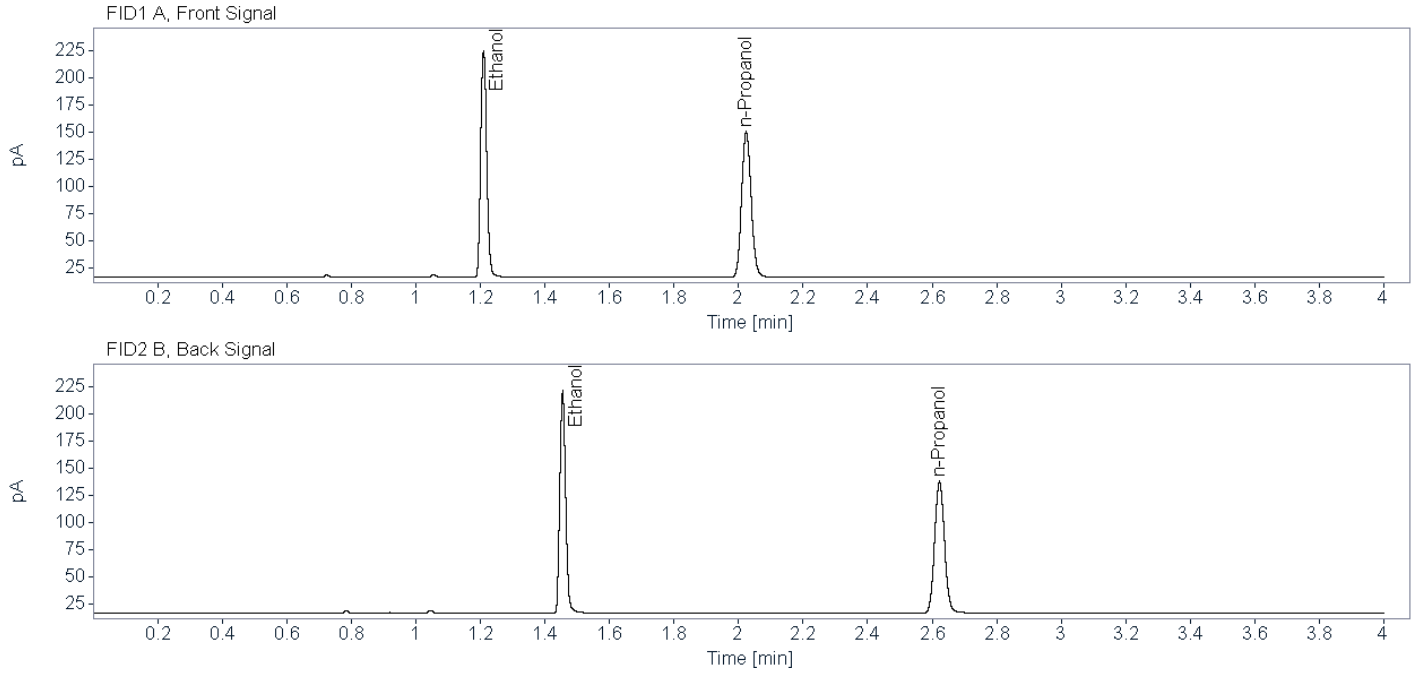
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.84932 | 1.210 | 1.209 | 267.2620 | 0.1779 |
| n-Propanol | 0.87245 | 2.023 | 2.023 | 268.7449 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.85587 | 1.454 | 1.454 | 252.8132 | 0.1783 |
| n-Propanol | 0.90393 | 2.621 | 2.621 | 251.0446 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-0795 001 (24-1122) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 43
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 1:58:53 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\043F4301.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.85508 | 1.210 | 1.209 | 272.7277 | 0.1773 |
| n-Propanol | 0.87797 | 2.024 | 2.023 | 275.2540 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.85404 | 1.455 | 1.454 | 256.7640 | 0.1765 |
| n-Propanol | 0.90041 | 2.622 | 2.621 | 257.5406 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-0796 001

**Batch Name:** BAC_20240502_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1174 | Aliquot 1: | 0.1174 |
| | Aliquot 2: | 0.1174 | Aliquot 2: | 0.1168 |

**Reported Result: 0.117 g/100 mL**

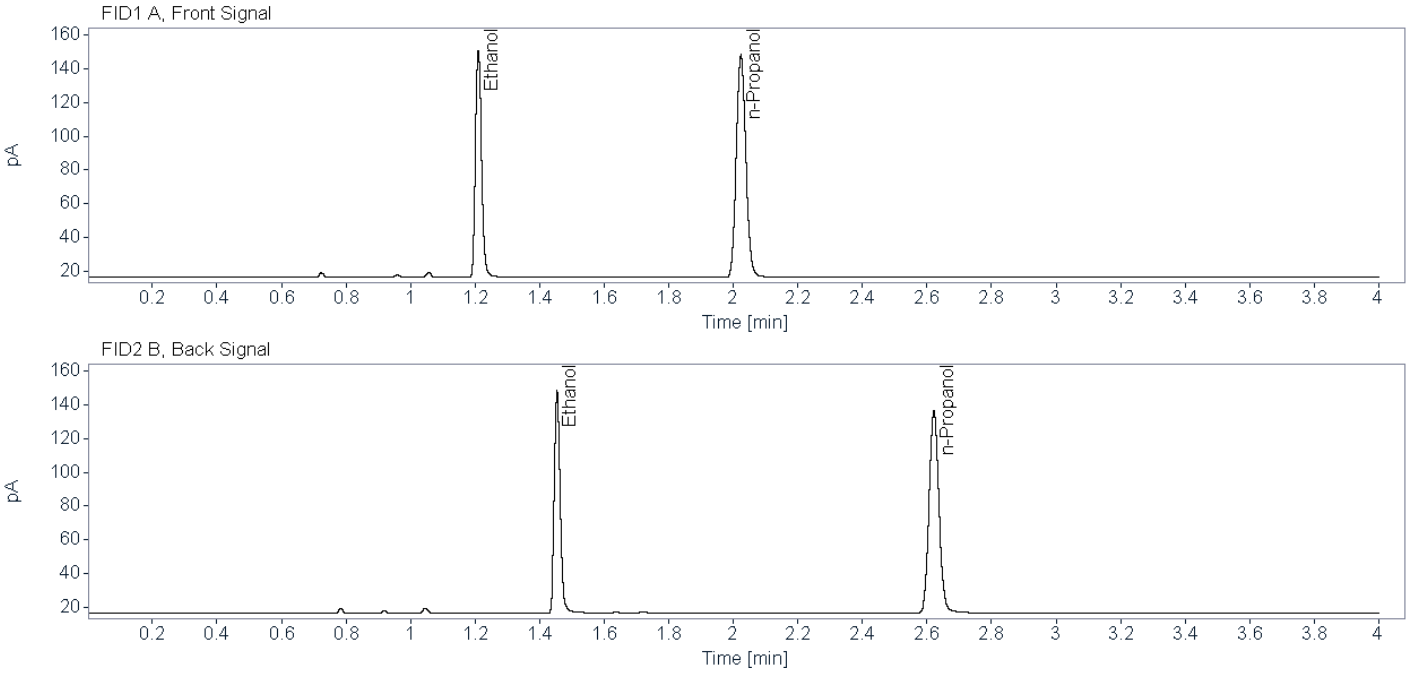
**Reported UM: 0.017 g/100 mL**

**Comments:**

**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-0796 001 (24-1103) **Description:** Alq 1 **Sample Barcode** 24-1103 **Vial Number:** 24
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 12:19:36 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\024F2401.D




**Name** FID1A

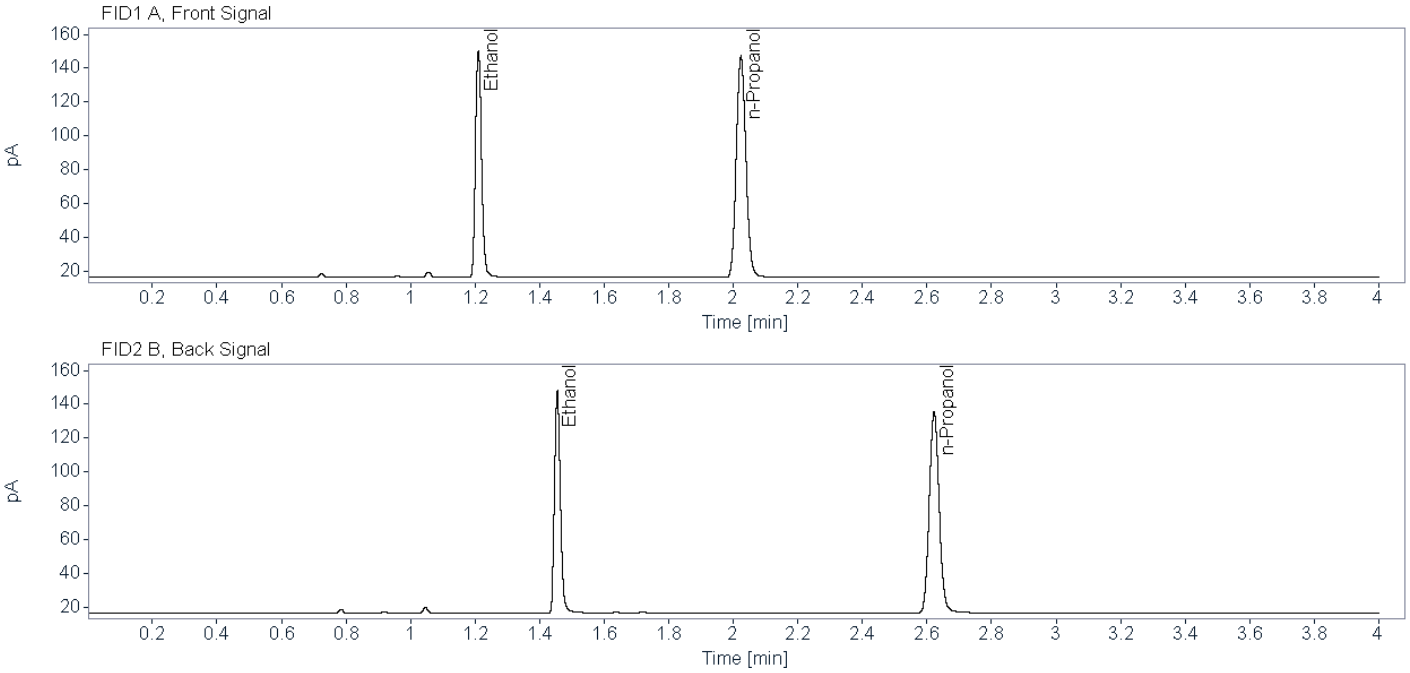
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.83122 | 1.210 | 1.209 | 177.5971 | 0.1174 |
| n-Propanol | 0.87195 | 2.024 | 2.023 | 271.4408 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.82687 | 1.454 | 1.454 | 167.7042 | 0.1174 |
| n-Propanol | 0.91657 | 2.622 | 2.621 | 253.7924 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-0796 001 (24-1121) **Description:** Alq 2 **Sample Barcode** 24-1121 **Vial Number:** 42
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 1:53:12 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\042F4201.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.83203 | 1.210 | 1.209 | 176.1925 | 0.1174 |
| n-Propanol | 0.86535 | 2.024 | 2.023 | 269.3307 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.82338 | 1.455 | 1.454 | 165.6885 | 0.1168 |
| n-Propanol | 0.90393 | 2.622 | 2.621 | 251.8862 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-0797 001

**Batch Name:** BAC_20240502_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1724 | Aliquot 1: | 0.1718 |
| | Aliquot 2: | 0.1914 | Aliquot 2: | 0.1908 |

KB 5/17/2024

**Reported Result:** ~~0.181~~ 0.18 **g/100 mL**

**Reported UM:** 0.026 **g/100 mL**

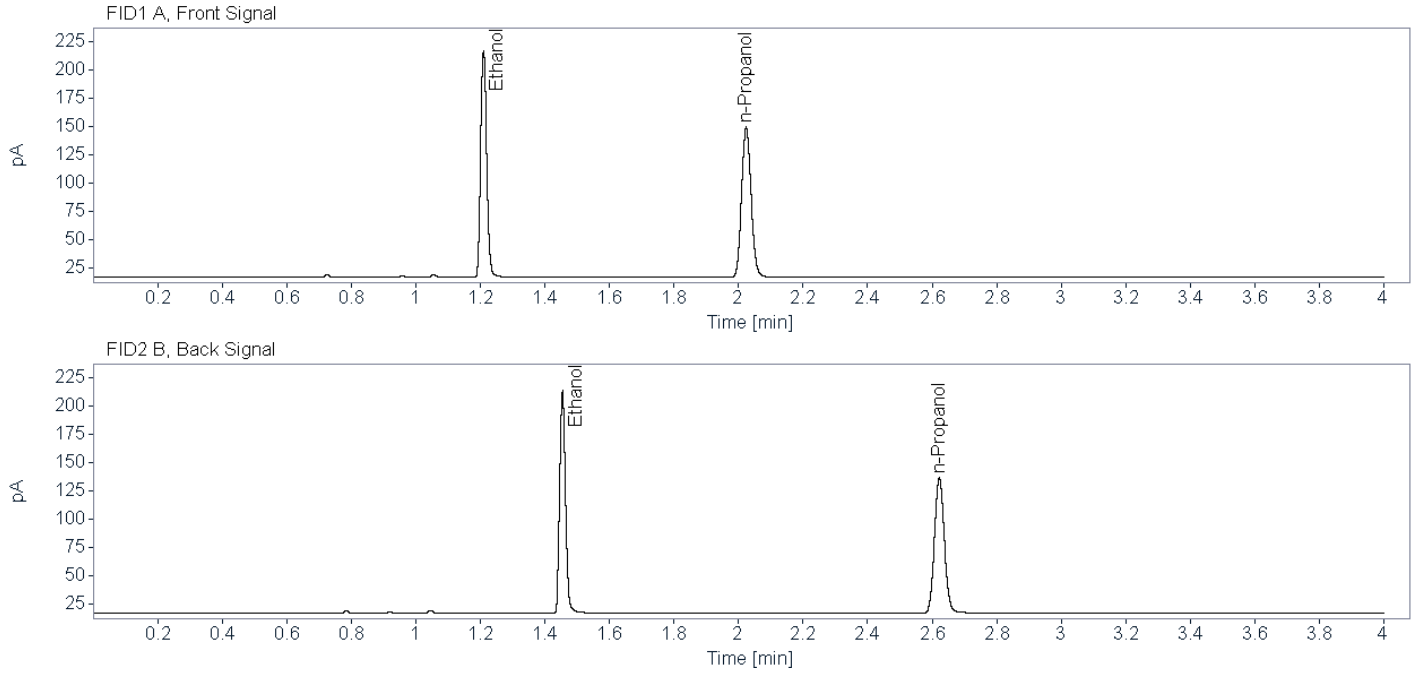
**Comments:**

Aliquots not within 5% of the average, this sample will be repeated -KB 5/17/2024

**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-0797 001 (24-1104) **Description:** Alq 1 **Sample Barcode** 24-1104 **Vial Number:** 25
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 12:25:16 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\025F2501.D




**Name** FID1A

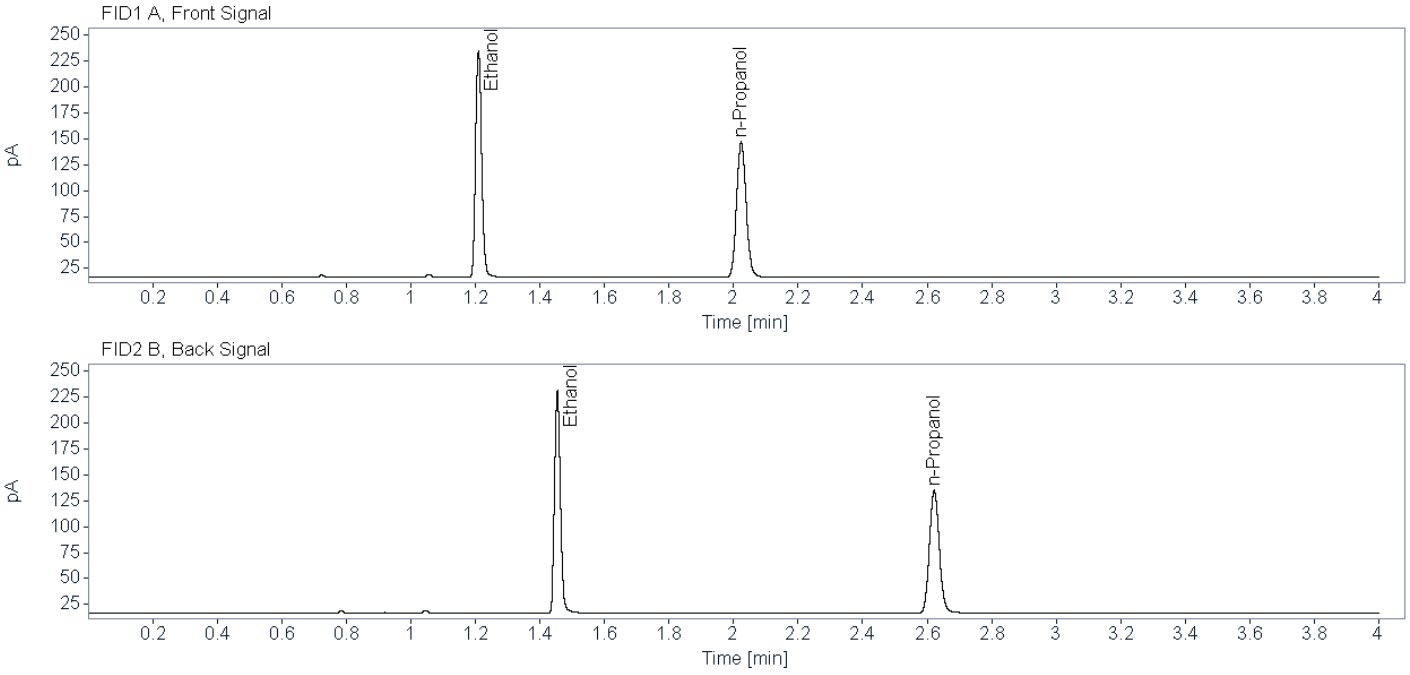
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.85284 | 1.210 | 1.209 | 263.2362 | 0.1724 |
| n-Propanol | 0.88257 | 2.024 | 2.023 | 273.2366 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.85002 | 1.454 | 1.454 | 248.0606 | 0.1718 |
| n-Propanol | 0.90431 | 2.622 | 2.621 | 255.6568 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-0797 001 (24-1120) **Description:** Alq 2 **Sample Barcode** 24-1120 **Vial Number:** 41
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 1:48:29 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\041F4101.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.85245 | 1.210 | 1.209 | 287.6304 | 0.1914 |
| n-Propanol | 0.87918 | 2.024 | 2.023 | 268.7061 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.85372 | 1.454 | 1.454 | 271.1799 | 0.1908 |
| n-Propanol | 0.90330 | 2.622 | 2.621 | 251.5515 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-0807 001

**Batch Name:** BAC_20240502_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1825 | Aliquot 1: | 0.1822 |
| | Aliquot 2: | 0.1812 | Aliquot 2: | 0.1810 |

**Reported Result: 0.181 g/100 mL**

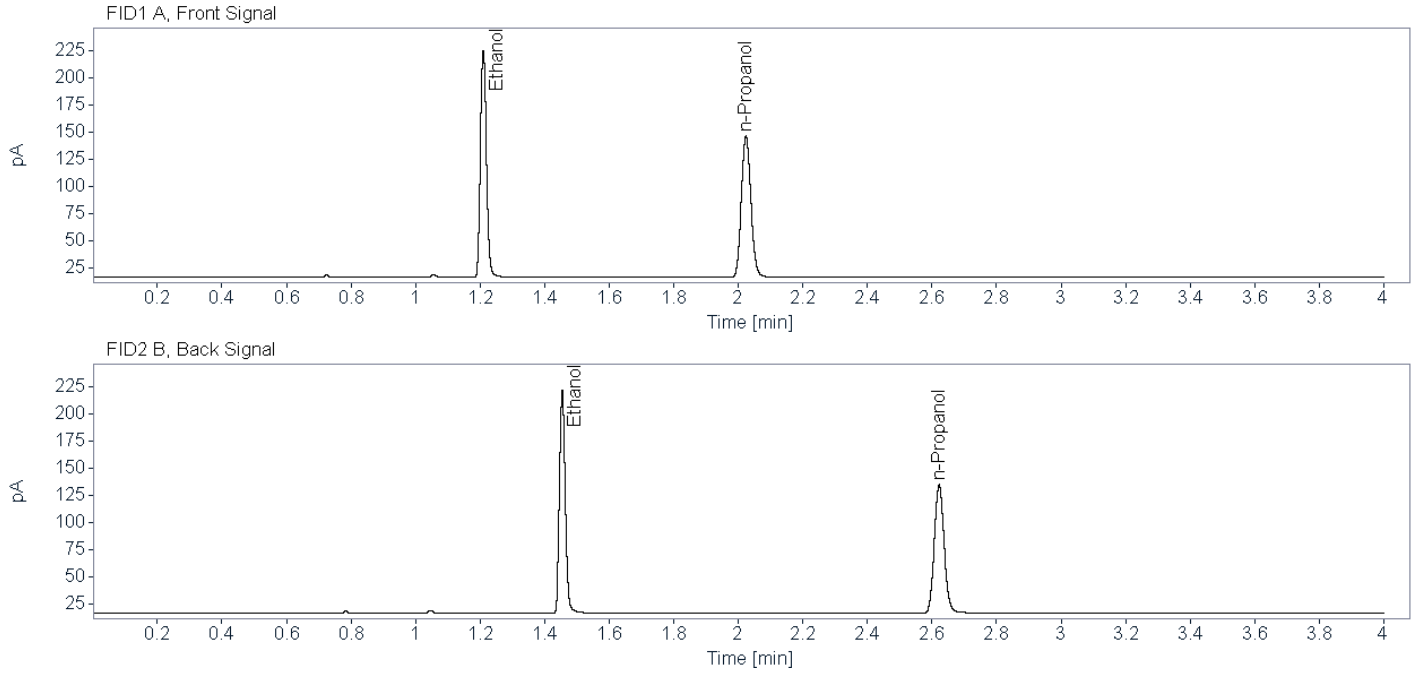
**Reported UM: 0.026 g/100 mL**

**Comments:**

**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-0807 001 (24-1105) **Description:** Alq 1 **Sample Barcode** 24-1105 **Vial Number:** 26
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 12:30:00 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\026F2601.D




**Name** FID1A

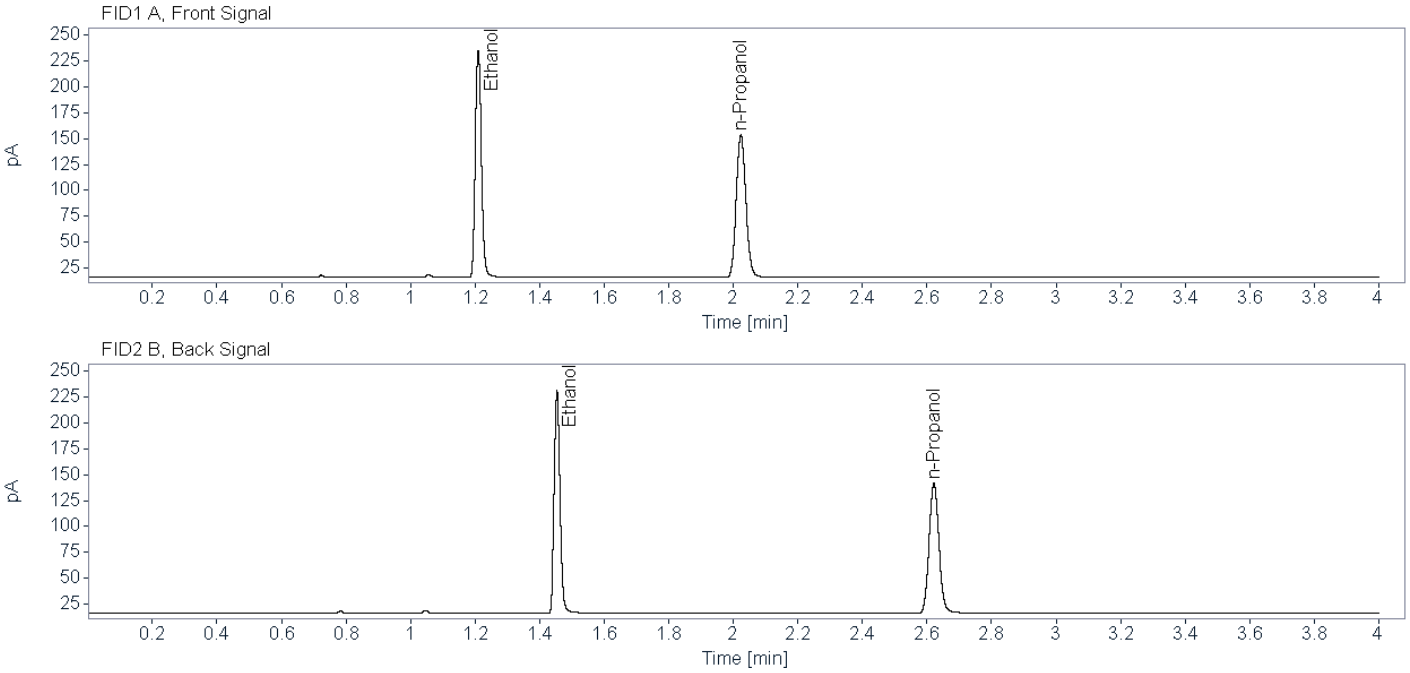
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.84744 | 1.210 | 1.209 | 273.4362 | 0.1825 |
| n-Propanol | 0.87369 | 2.024 | 2.023 | 267.9871 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.84961 | 1.455 | 1.454 | 257.8803 | 0.1822 |
| n-Propanol | 0.89962 | 2.622 | 2.621 | 250.4903 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-0807 001 (24-1119) **Description:** Alq 2 **Sample Barcode** 24-1119 **Vial Number:** 40
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 1:42:48 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\040F4001.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.84407 | 1.210 | 1.209 | 287.1180 | 0.1812 |
| n-Propanol | 0.87421 | 2.023 | 2.023 | 283.4208 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.84920 | 1.454 | 1.454 | 271.1234 | 0.1810 |
| n-Propanol | 0.90336 | 2.622 | 2.621 | 265.1297 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-0810 001

**Batch Name:** BAC_20240502_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1409 | Aliquot 1: | 0.1403 |
| | Aliquot 2: | 0.1322 | Aliquot 2: | 0.1318 |

**Reported Result: 0.136 g/100 mL**

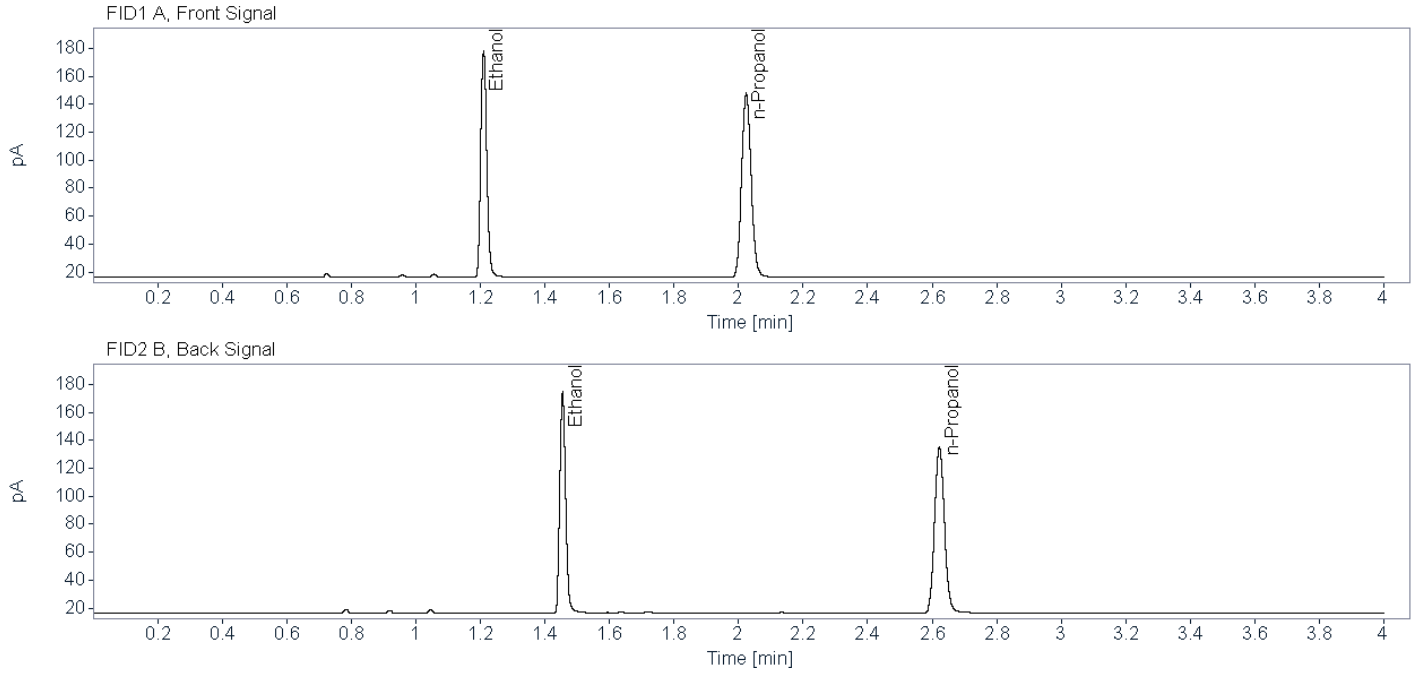
**Reported UM: 0.020 g/100 mL**

**Comments:**

**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-0810 001 (24-1106) **Description:** Alq 1 **Sample Barcode** 24-1106 **Vial Number:** 27
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 12:35:41 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\027F2701.D




**Name** FID1A

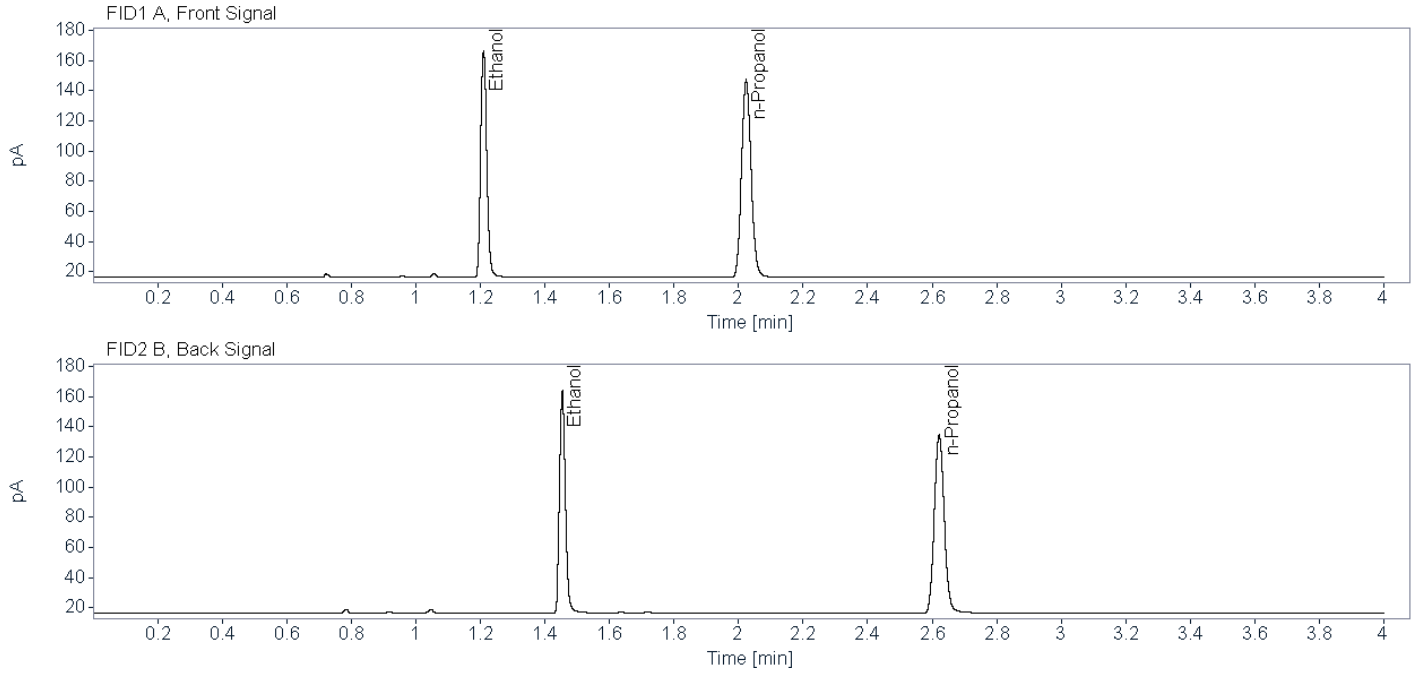
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.84818 | 1.210 | 1.209 | 211.9530 | 0.1409 |
| n-Propanol | 0.87738 | 2.024 | 2.023 | 269.5536 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.83867 | 1.455 | 1.454 | 199.6796 | 0.1403 |
| n-Propanol | 0.90546 | 2.622 | 2.621 | 252.3197 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-0810 001 (24-1118) **Description:** Alq 2 **Sample Barcode** 24-1118 **Vial Number:** 39
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 1:38:05 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\039F3901.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.84052 | 1.210 | 1.209 | 198.3638 | 0.1322 |
| n-Propanol | 0.87455 | 2.023 | 2.023 | 268.9370 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.82834 | 1.454 | 1.454 | 186.7707 | 0.1318 |
| n-Propanol | 0.90254 | 2.622 | 2.621 | 251.4407 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-0816 001

**Batch Name:** BAC_20240502_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.3099 | Aliquot 1: | 0.3103 |
| | Aliquot 2: | 0.3085 | Aliquot 2: | 0.3088 |

**Reported Result: 0.309 g/100 mL**

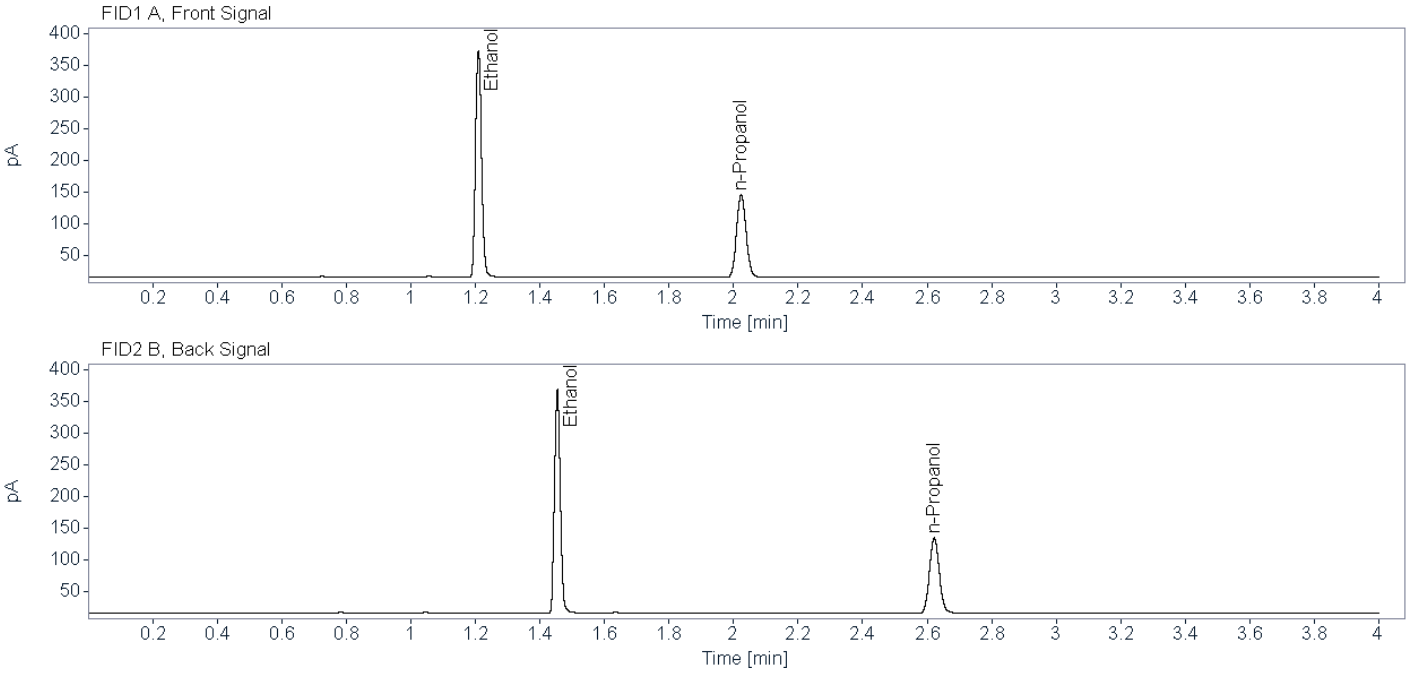
**Reported UM: 0.044 g/100 mL**

**Comments:**

**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-0816 001 (24-1107) **Description:** Alq 1 **Sample Barcode** 24-1107 **Vial Number:** 28
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 12:40:24 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\028F2801.D




**Name** FID1A

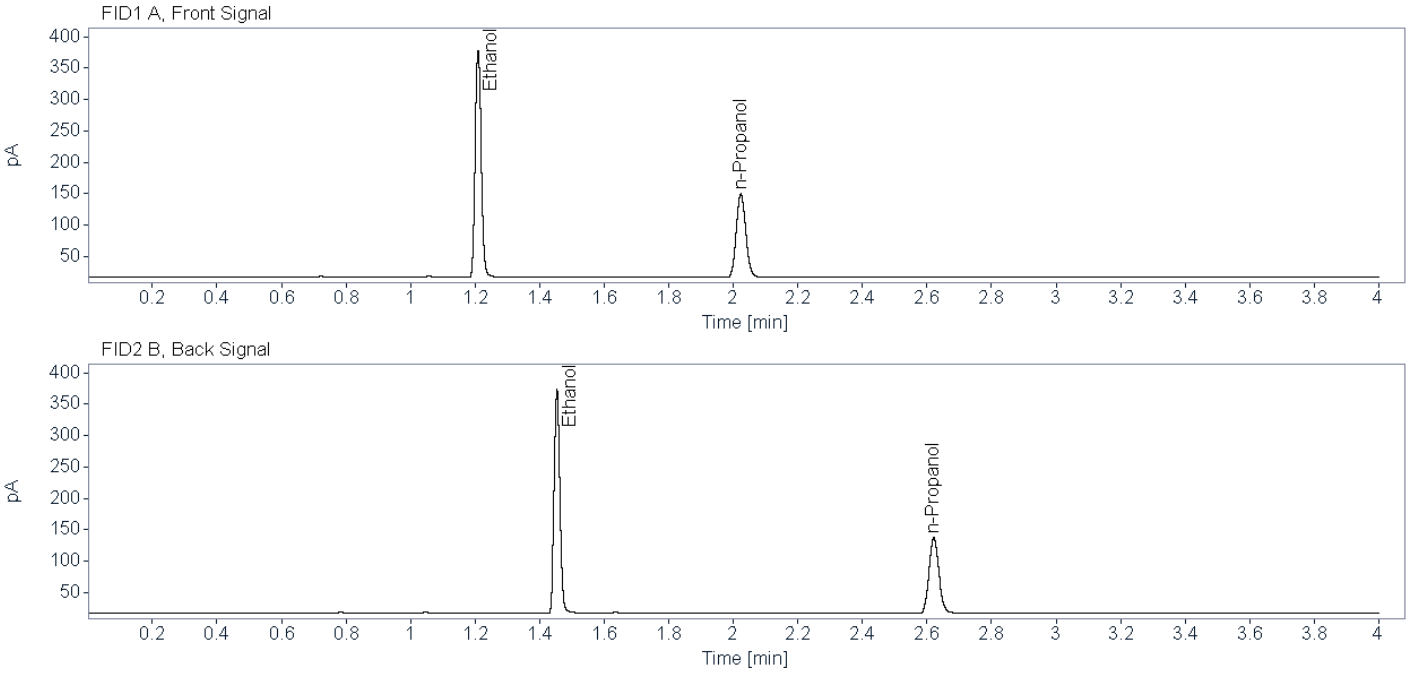
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.86947 | 1.210 | 1.209 | 468.3174 | 0.3099 |
| n-Propanol | 0.87114 | 2.023 | 2.023 | 269.6951 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.88811 | 1.454 | 1.454 | 442.3256 | 0.3103 |
| n-Propanol | 0.90613 | 2.622 | 2.621 | 251.6648 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-0816 001 (24-1117) **Description:** Alq 2 **Sample Barcode** 24-1117 **Vial Number:** 38
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 1:32:25 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\038F3801.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.87760 | 1.209 | 1.209 | 473.7920 | 0.3085 |
| n-Propanol | 0.86622 | 2.023 | 2.023 | 274.1382 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.88560 | 1.454 | 1.454 | 448.0507 | 0.3088 |
| n-Propanol | 0.89767 | 2.621 | 2.621 | 256.1544 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-0821 001

**Batch Name:** BAC_20240502_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1637 | Aliquot 1: | 0.1635 |
| | Aliquot 2: | 0.1577 | Aliquot 2: | 0.1579 |

**Reported Result: 0.160 g/100 mL**

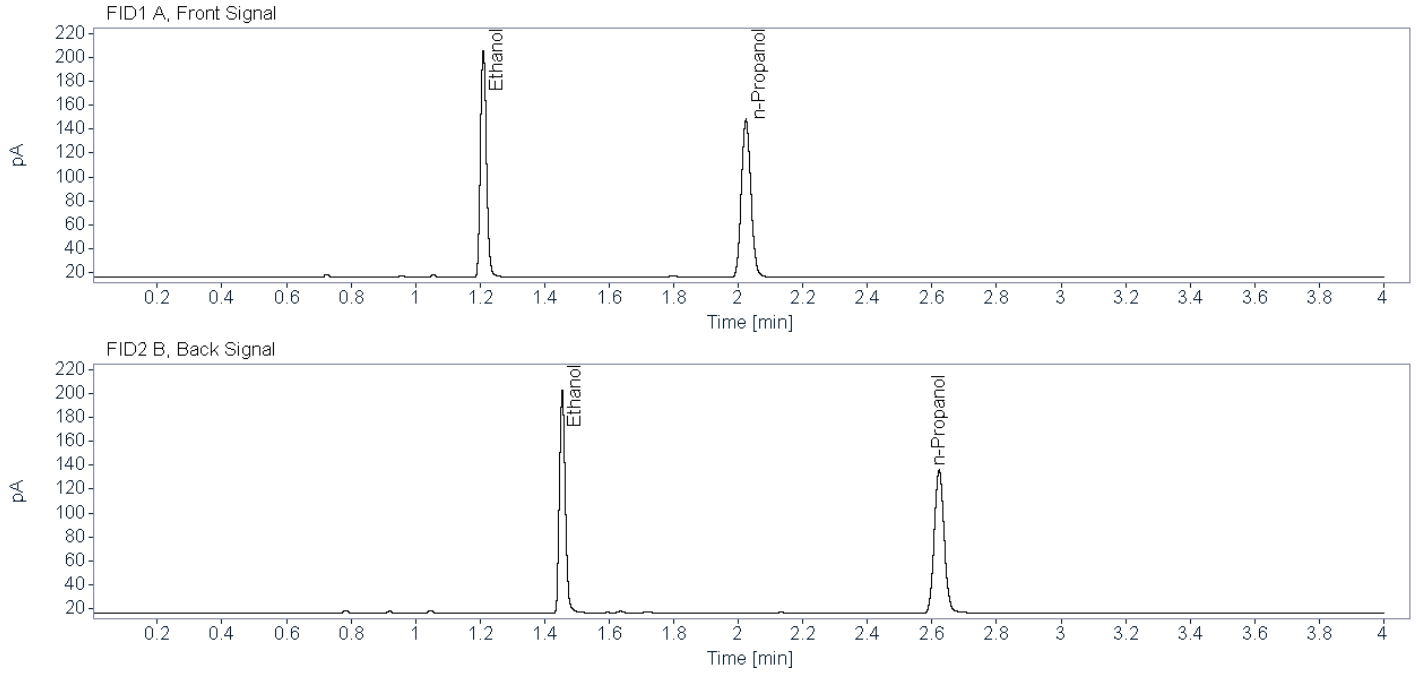
**Reported UM: 0.023 g/100 mL**

**Comments:**

**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-0821 001 (24-1108) **Description:** Alq 1 **Sample Barcode** 24-1108 **Vial Number:** 29
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 12:46:05 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\029F2901.D




**Name** FID1A

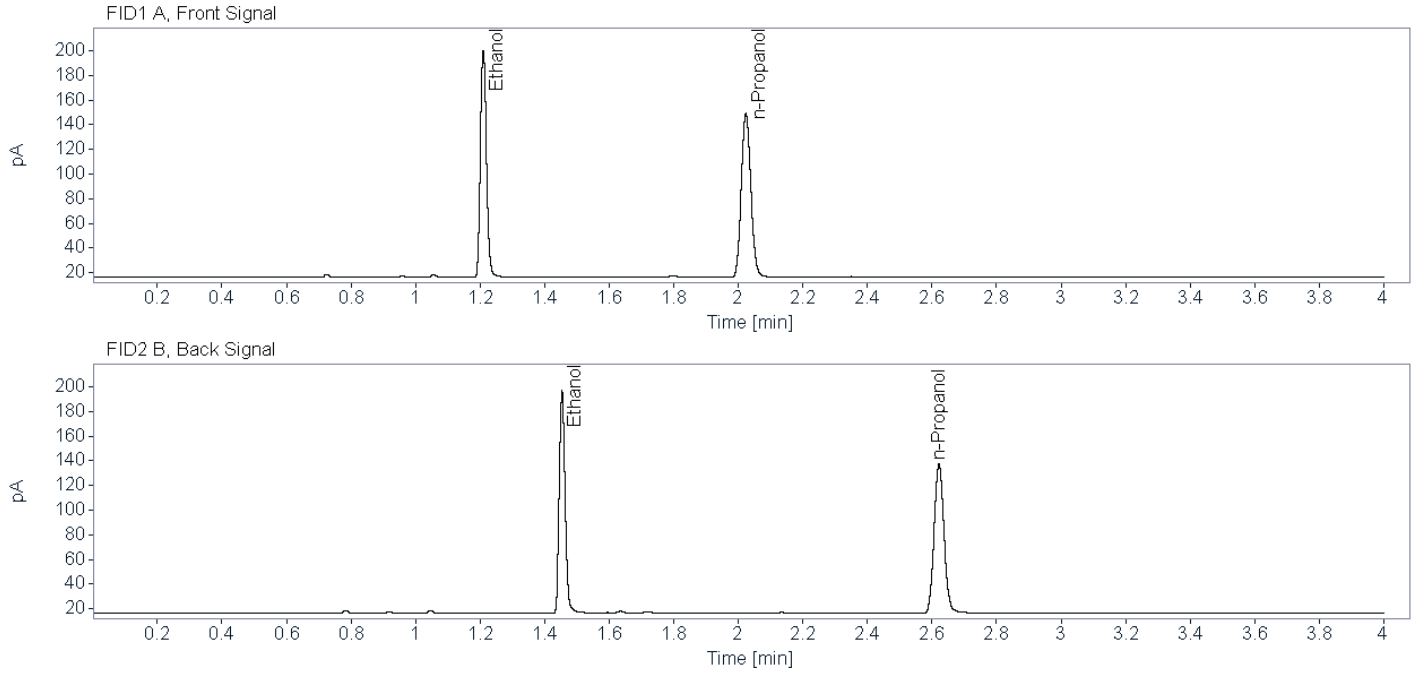
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.84459 | 1.210 | 1.209 | 247.2923 | 0.1637 |
| n-Propanol | 0.87269 | 2.024 | 2.023 | 270.3260 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.84162 | 1.455 | 1.454 | 233.4521 | 0.1635 |
| n-Propanol | 0.90636 | 2.622 | 2.621 | 252.8857 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-0821 001 (24-1116) **Description:** Alq 2 **Sample Barcode** 24-1116 **Vial Number:** 37
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 1:27:41 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\037F3701.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.83813 | 1.210 | 1.209 | 241.7520 | 0.1577 |
| n-Propanol | 0.87066 | 2.024 | 2.023 | 274.4086 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.83873 | 1.454 | 1.454 | 228.7646 | 0.1579 |
| n-Propanol | 0.91658 | 2.622 | 2.621 | 256.6726 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-0822 001

**Batch Name:** BAC_20240502_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.1786 | Aliquot 1: | 0.1783 |
| | Aliquot 2: | 0.1679 | Aliquot 2: | 0.1681 |

**Reported Result: 0.173 g/100 mL**

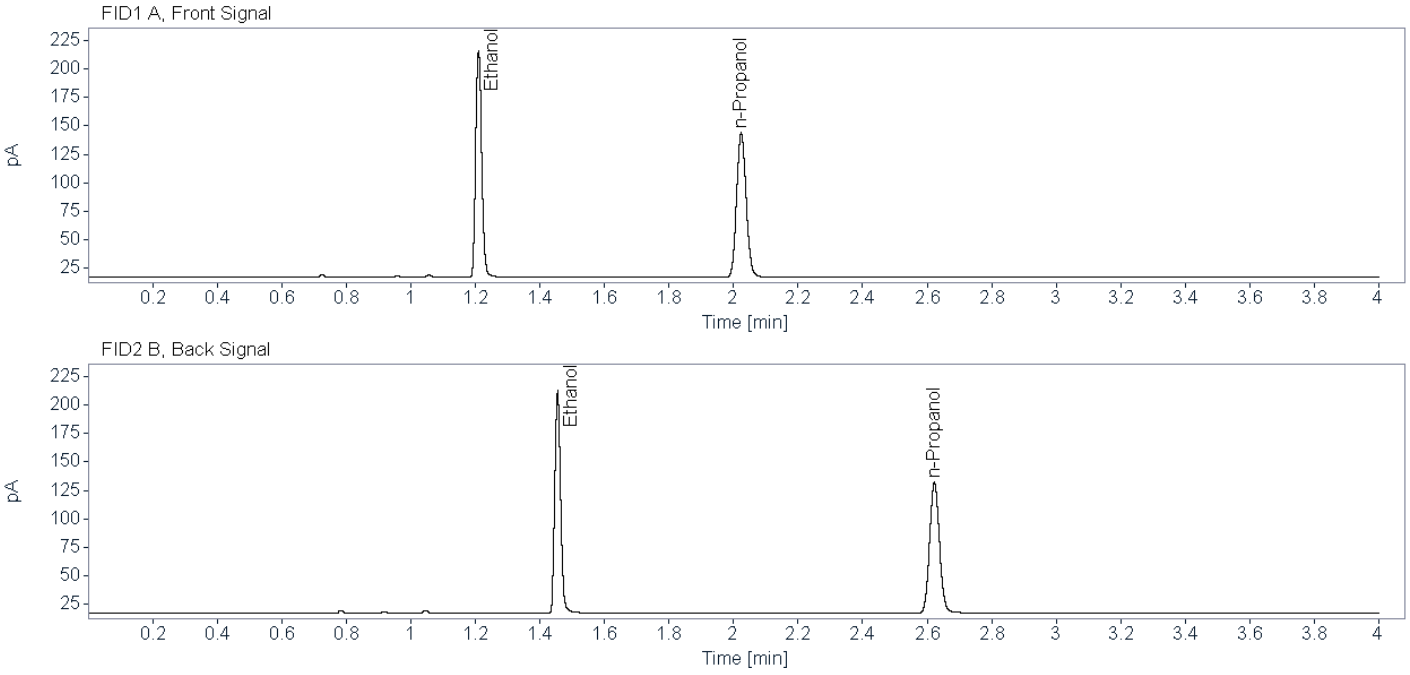
**Reported UM: 0.025 g/100 mL**

**Comments:**

**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-0822 001 (24-1109) **Description:** Alq 1 **Sample Barcode** 24-1109 **Vial Number:** 30
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 12:50:48 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\030F3001.D




**Name** FID1A

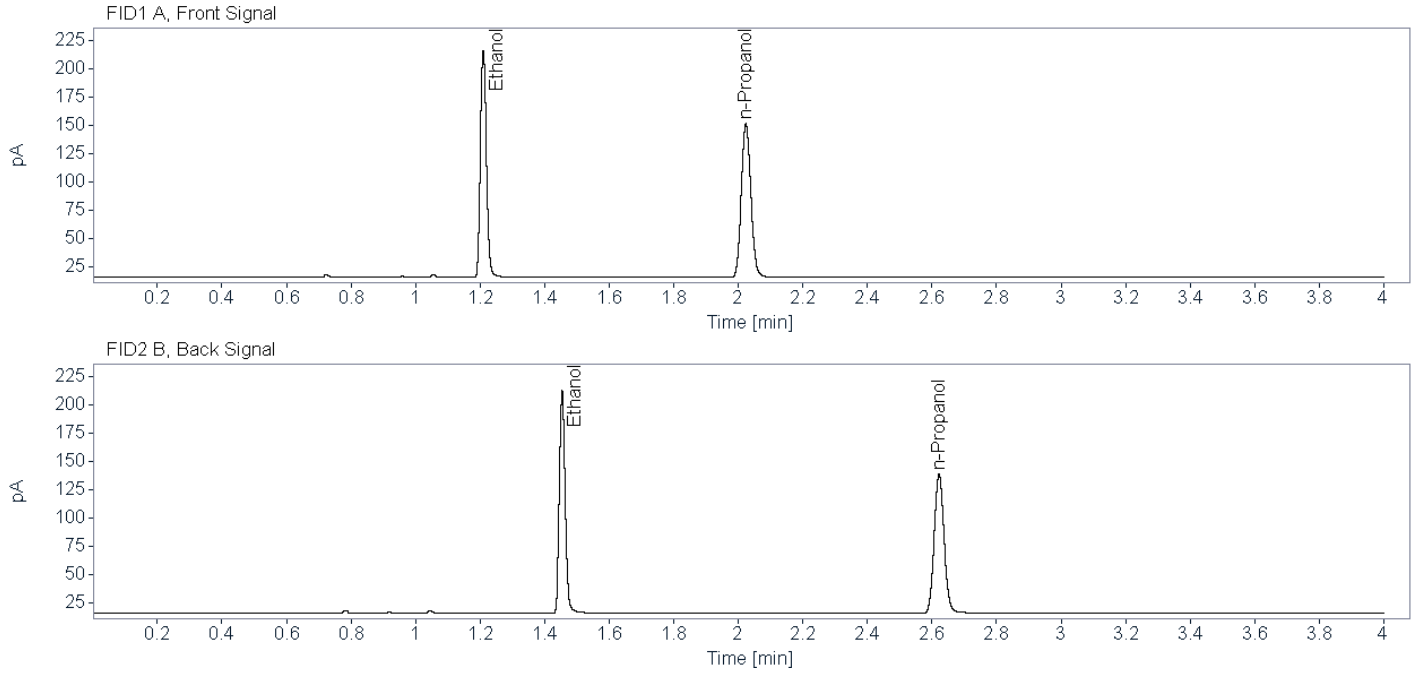
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.85632 | 1.210 | 1.209 | 260.9545 | 0.1786 |
| n-Propanol | 0.87526 | 2.024 | 2.023 | 261.3384 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.84959 | 1.455 | 1.454 | 246.1503 | 0.1783 |
| n-Propanol | 0.89863 | 2.622 | 2.621 | 244.4353 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-0822 001 (24-1115) **Description:** Alq 2 **Sample Barcode** 24-1115 **Vial Number:** 36
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 1:22:00 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\036F3601.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.84230 | 1.210 | 1.209 | 261.1303 | 0.1679 |
| n-Propanol | 0.86904 | 2.024 | 2.023 | 278.2538 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.85051 | 1.454 | 1.454 | 247.0002 | 0.1681 |
| n-Propanol | 0.90343 | 2.622 | 2.621 | 260.1913 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-0823 001

**Batch Name:** BAC_20240502_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.0995 | Aliquot 1: | 0.0991 |
| | Aliquot 2: | 0.0984 | Aliquot 2: | 0.0980 |

**Reported Result:** **0.098** **g/100 mL**

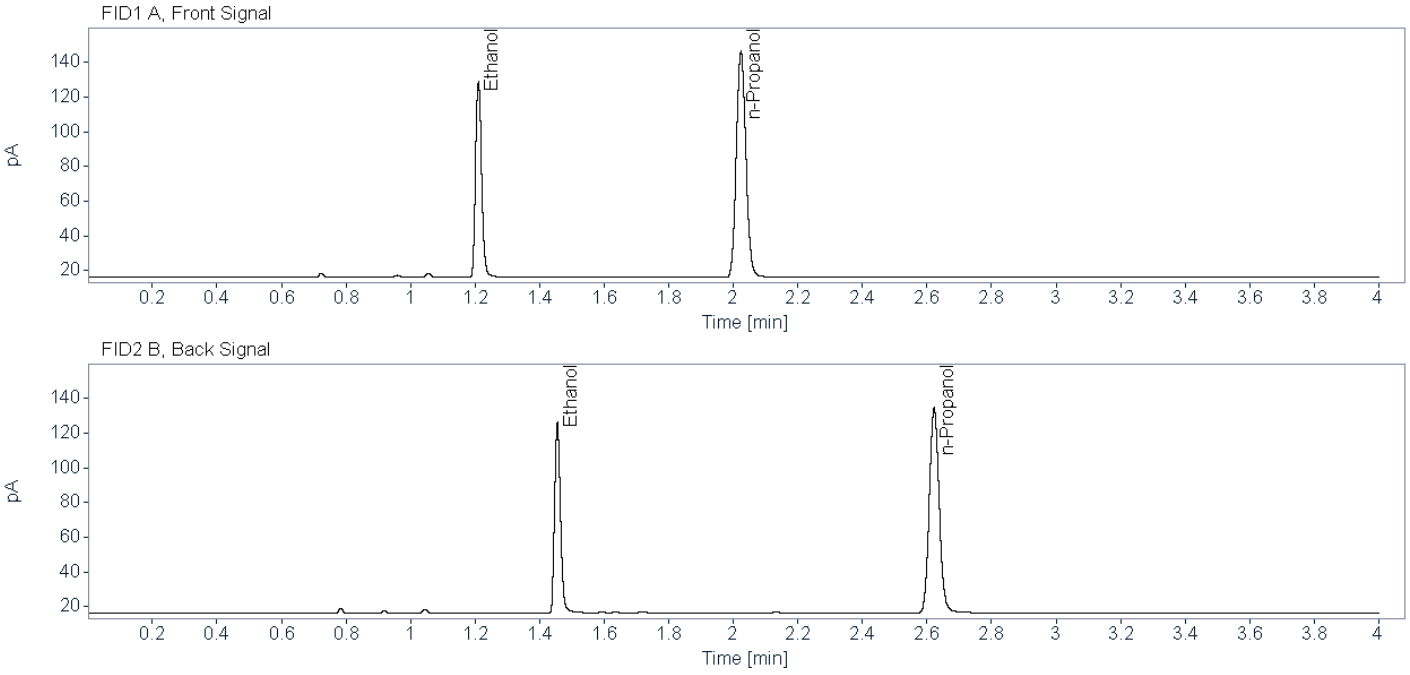
**Reported UM:** **0.014** **g/100 mL**

**Comments:**

**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-0823 001 (24-1110) **Description:** Alq 1 **Sample Barcode** 24-1110 **Vial Number:** 31
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 12:56:31 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\031F3101.D




**Name** FID1A

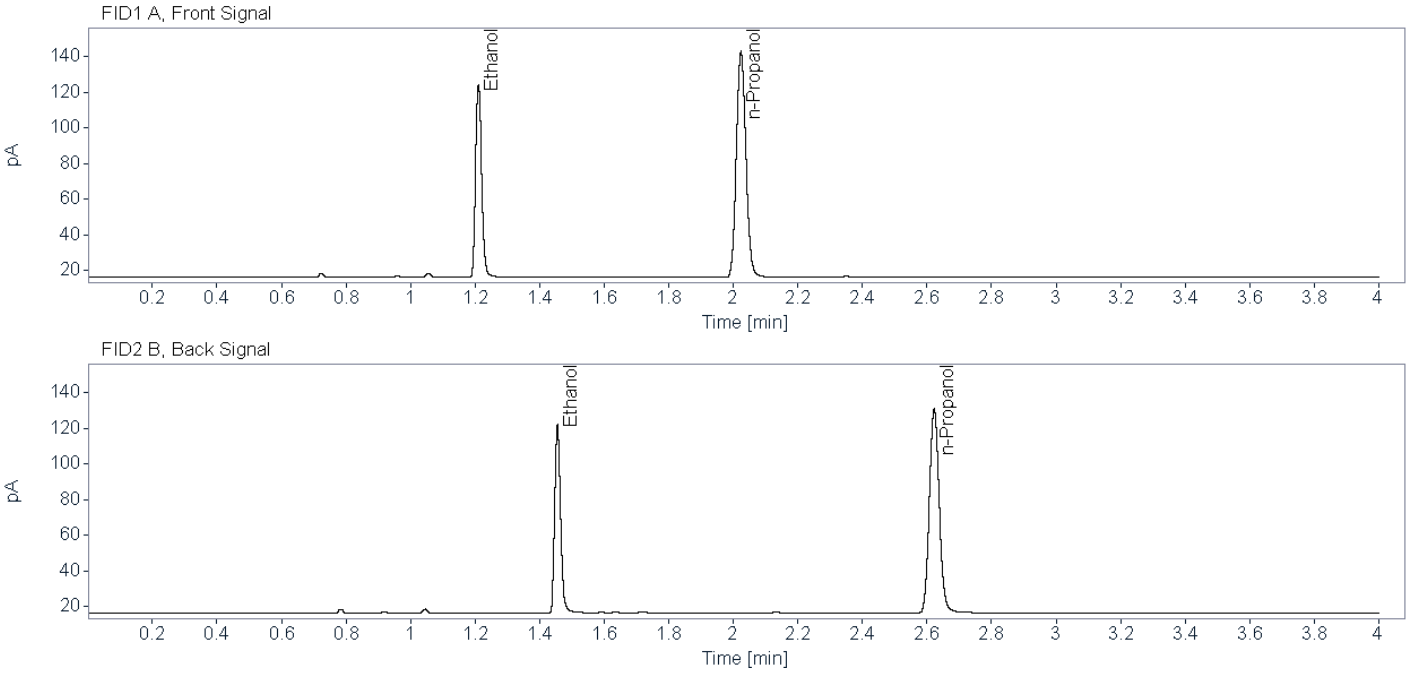
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.82874 | 1.210 | 1.209 | 147.6092 | 0.0995 |
| n-Propanol | 0.87306 | 2.024 | 2.023 | 266.4954 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.81712 | 1.455 | 1.454 | 138.8126 | 0.0991 |
| n-Propanol | 0.90275 | 2.622 | 2.621 | 249.2318 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-0823 001 (24-1114) **Description:** Alq 2 **Sample Barcode** 24-1114 **Vial Number:** 35
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 1:17:17 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\035F3501.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.82696 | 1.210 | 1.209 | 142.2207 | 0.0984 |
| n-Propanol | 0.86964 | 2.024 | 2.023 | 259.8458 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| Ethanol | 0.81643 | 1.455 | 1.454 | 133.7477 | 0.0980 |
| n-Propanol | 0.89415 | 2.622 | 2.621 | 242.9153 | 0.0100 |

# Brazoria County Crime Laboratory

Toxicology

## Ethanol Confirmation Worksheet

**Lab Number:** BCCL-24-0834 001

**Batch Name:** BAC_20240502_KB

**Instrument:** BAC-1

**Analyst:** Kayla M. Baylor

**Specimen type:** ☒ Blood ☐ Liquid ☐ Other: _____

**Results:**

| Ethanol | | FID1 | | FID2 |
|---|---|---|---|---|
| | Aliquot 1: | 0.0000 | Aliquot 1: | 0.0000 |
| | Aliquot 2: | 0.0000 | Aliquot 2: | 0.0000 |

**Reported Result:** none detected

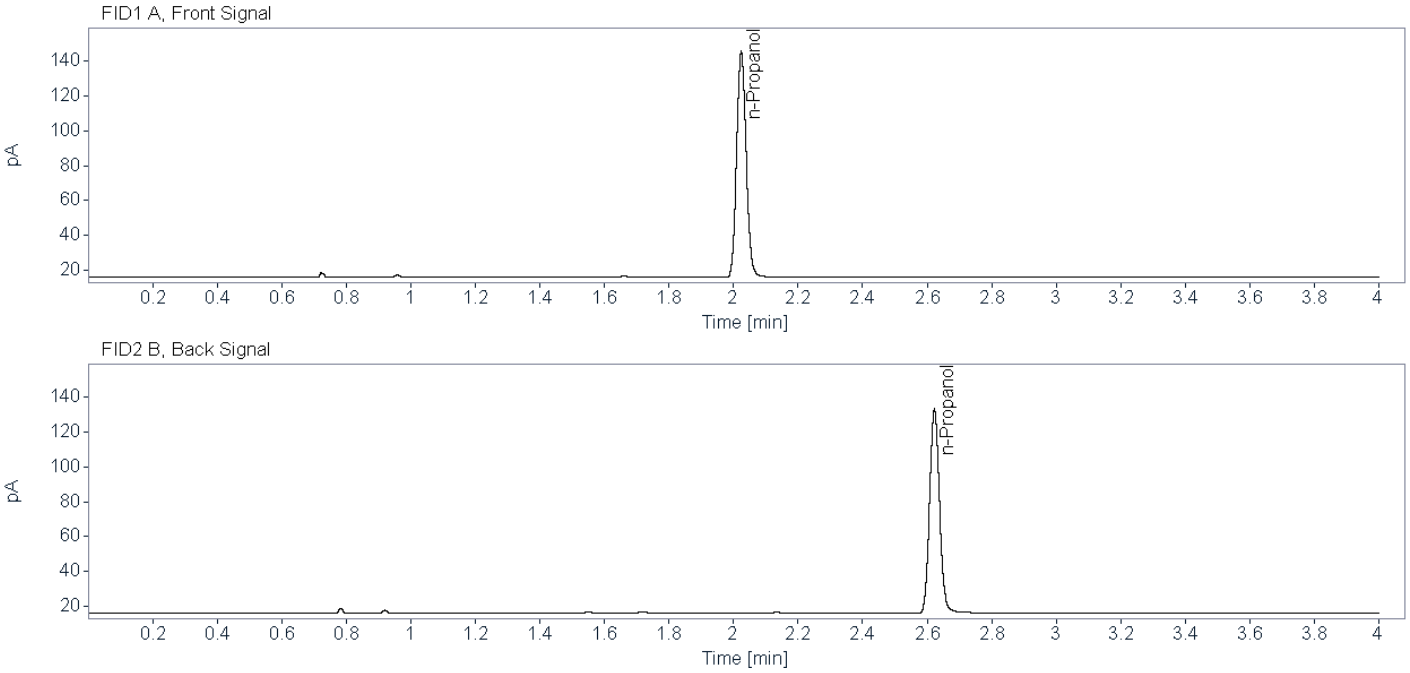
**Reported UM:** _____

**Comments:**

**Total Number of Printed Examination Pages:** 0

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-0834 001 (24-1111) **Description:** Alq 1 **Sample Barcode** 24-1111 **Vial Number:** 32
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 1:01:12 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\032F3201.D




**Name** FID1A

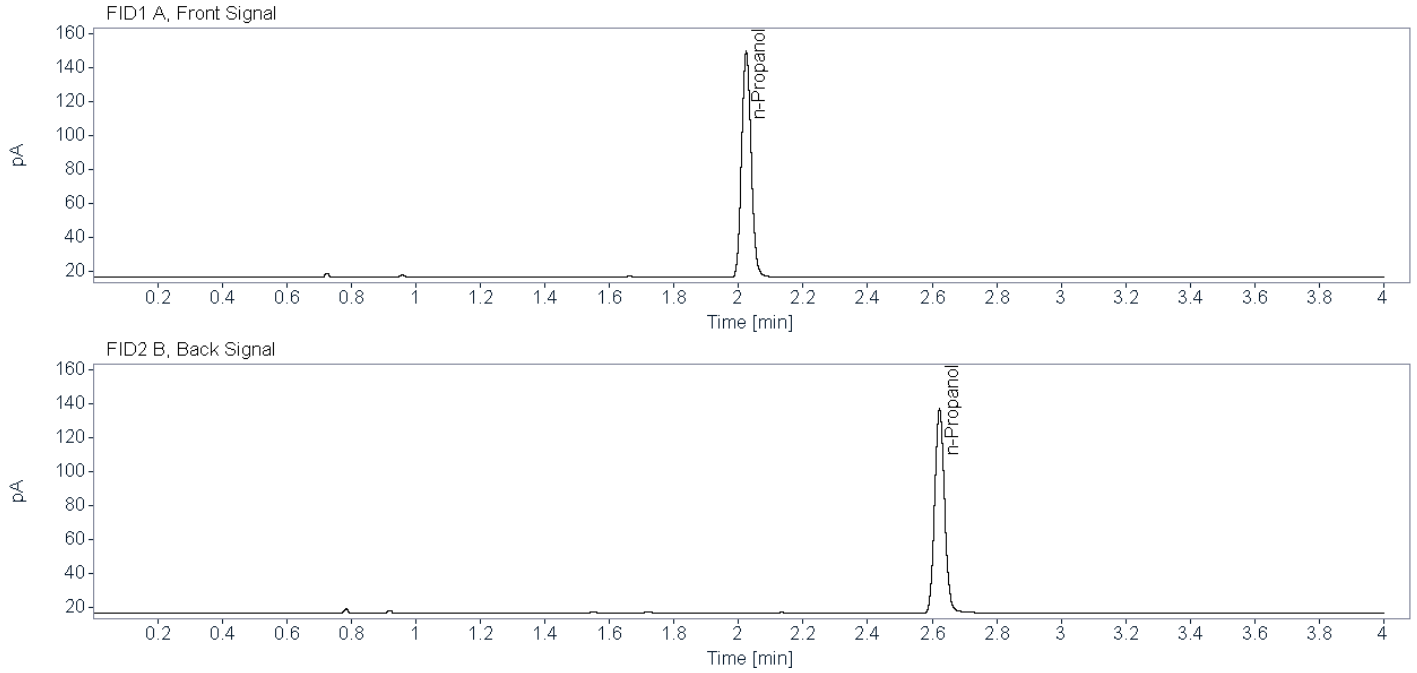
| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.87894 | 2.024 | 2.023 | 264.1444 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.89676 | 2.622 | 2.621 | 247.1675 | 0.0100 |

# Brazoria County Sheriff's Office Crime Lab
# Toxicology
# Ethanol Analysis

**Sample Name:** BCCL-24-0834 001 (24-1113) **Description:** Alq 2 **Sample Barcode** 24-1113 **Vial Number:** 34
**Instrument:** BAC 1 **Acq. Method:** BAC.M **Injection Date:** 5/2/2024 1:11:35 PM
**Data File:** C:\Chem32\1\Data\2024\BAC_20240502_KB 2024-05-02 10-10-23\034F3401.D




**Name** FID1A

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.88195 | 2.024 | 2.023 | 273.7807 | 0.0100 |

**Name** FID2B

| Compound | Peak Symmetry | RT [min] | Expected RT[min] | Area | Concentration [g/100 mL] |
|---|---|---|---|---|---|
| n-Propanol | 0.90366 | 2.623 | 2.621 | 256.0166 | 0.0100 |