Brazoria County Crime Laboratory

BAC Batch Review Checklist

Batch Name: BAC_20250513_MH		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	✓ 5/29/25 mh	✓
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	145	✓	✓

Analyst Review

Signature: Melissa Henry Digitally signed by Melissa Henry Date: 2025.05.15 09:44:38 -05'00'

Date: 05/15/2025

Technical Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2025.05.29 12:27:22 -05'00'

Date: 5/29/2025

Batch Name: BAC_20250513_MH

Technical Review Notes

-missing checkmark on checklist for pipettes -KB 5/29/2025

-incorrect average IS for FID in QC log -KB 5/29/2025

BAC Summary Worksheet

Batch Name:	BAC_20250513_MH
Instrument:	BAC-2
Analyst:	Melissa Henry
UM%:	16.17
Units:	g/100 mL (unless otherwise stated)

		FID1	FID2
Average Calibrator IS Area Counts		177.1360	169.1273
Acceptance Range	**Min**	159.4224	152.2146
	Max	194.8496	186.0401

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	0.0103	0.0105	0.0104	4.00	-0.96	0.96	178.0392	170.9590
0.025 g/100mL Calibrator	0.0250	0.0247	0.0248	-0.80	0.81	-0.40	173.6984	166.1812
0.050 g/100mL Calibrator	0.0494	0.0493	0.0493	-1.40	0.20	0.00	179.0387	170.8819
0.100 g/100mL Calibrator	0.0989	0.0984	0.0986	-1.40	0.30	-0.20	178.9821	170.2505
0.200 g/100mL Calibrator	0.1972	0.1964	0.1968	-1.60	0.20	-0.20	177.8856	169.6984
0.400 g/100mL Calibrator	0.3979	0.3986	0.3982	-0.45	-0.08	0.10	179.0674	170.7074
0.500 g/100mL Calibrator	0.5065	0.5073	0.5069	1.38	-0.08	0.08	173.2409	165.2129

		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	-	-	-	178.7844	170.1841
High QC	0.4071	0.4061	0.4066	1.65	0.12	-0.12	178.6500	170.7224
Low QC	0.0799	0.0800	0.0799	-0.13	0.00	0.13	179.8719	171.0813
Blood QC A	0.0781	0.0772	0.0776	-1.52	0.64	-0.52	178.5235	170.5365
Blood QC B	0.1959	0.1959	0.1959	2.19	0.00	0.00	172.8913	165.1266
Blood QC A	0.0793	0.0790	0.0791	0.38	0.25	-0.13	179.0846	170.1855
Blood QC B	0.1981	0.1973	0.1977	3.13	0.20	-0.20	172.9453	163.9885
Blood QC A	0.0795	0.0794	0.0794	0.76	0.13	0.00	176.1489	167.2554
Blood QC B	0.1987	0.1996	0.1991	3.86	-0.20	0.25	176.9841	167.9345
Blood QC A	0.0782	0.0777	0.0779	-1.14	0.39	-0.26	170.1864	161.8966
High QC	0.4115	0.4124	0.4119	2.97	-0.10	0.12	172.9918	164.6480
Low QC	0.0813	0.0812	0.0812	1.50	0.12	0.00	168.8956	160.2078
DI Water	0.0000	0.0000	0.0000	-	-	-	176.5203	168.2104

		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	0.0788	0.0749	0.0827
	Blood QC B	0.1917	0.1821	0.2013

	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	% Difference FID & Average Alq1 FID2	% Difference FID & Average Alq 2 FID1	% Difference FID & Average Alq2 FID2	IS Area Counts Alq1 FID1	IS Area Counts Alq1 FID2	IS Area Counts Alq2 FID1	IS Area Counts Alq2 FID2
1	BCCL-25-0733 001_001	0.2348	0.2345	0.2303	0.2299	0.232	0.038	1.04	0.91	-0.89	-1.07	176.0118	167.9765	181.2675	172.5699
2	BCCL-25-0734 001_001	0.1102	0.1104	0.1107	0.1103	0.110	0.018	-0.18	0.00	0.27	-0.09	181.7571	172.8603	178.4994	169.8188
3	BCCL-25-0737 001_001	0.2834	0.2839	0.2688	0.2691	0.276	0.045	2.57	2.75	-2.71	-2.61	180.5774	171.5659	179.4094	170.5531
4	BCCL-25-0745 001_001	0.2639	0.2631	0.2474	0.2464	0.255	0.041	3.41	3.10	-3.06	-3.45	181.0468	172.0641	180.2120	171.9716
5	**BCCL-25-0746 001_001**	0.0945	0.0946	0.0954	0.0952	0.094	0.015	-0.45	-0.34	0.50	0.29	177.3716	168.2917	173.3897	164.9021
6	BCCL-25-0747 001_001	0.1940	0.1943	0.1922	0.1921	0.193	0.031	0.44	0.60	-0.49	-0.54	178.0934	169.1242	179.0297	170.0465
7	BCCL-25-0748 001_001	0.1886	0.1886	0.1913	0.1913	0.189	0.031	-0.71	-0.71	0.71	0.71	180.8238	172.3936	178.4523	169.2873
8	BCCL-25-0749 001_001	0.1701	0.1702	0.1671	0.1670	0.168	0.027	0.89	0.95	-0.89	-0.95	181.1970	173.0079	178.7861	169.7267
9	BCCL-25-0750 001_001	0.1497	0.1499	0.1525	0.1529	0.151	0.024	-1.02	-0.89	0.83	1.09	176.3838	168.1060	176.0187	167.1188
10	**BCCL-25-0756 001_001**	0.0042	0.0044	0.0042	0.0044	none detected		-2.44	-2.44	-2.44	-2.44	175.1000	167.7879	172.2850	163.2894
11	BCCL-25-0757 001_001	0.1403	0.1407	0.1483	0.1487	0.144	0.023	-2.91	-2.63	2.63	2.91	176.7390	167.9307	171.9167	163.1306
12	BCCL-25-0758 001_001	0.1066	0.1052	0.1004	0.0999	0.103	0.017	3.47	2.11	-2.55	-3.03	172.9091	165.5453	179.1349	169.9806
13	**BCCL-25-0762 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	173.1142	164.8145	172.5428	164.3080
14	BCCL-25-0763 001_001	0.1158	0.1139	0.1151	0.1143	0.114	0.018	0.89	-0.76	0.28	-0.41	176.0751	168.8977	170.6429	162.3579
15	**BCCL-25-0764 001_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	179.5517	171.6577	174.9371	165.8333
16	BCCL-25-0766 001_001	0.1704	0.1699	0.1696	0.1704	0.170	0.027	0.19	-0.10	-0.28	0.19	174.2561	165.3544	184.6966	175.2335
17	**BCCL-25-0784 002_001**	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	171.9262	163.0143	174.3018	165.3021
18	**BCCL-25-0785 001_001**	0.0998	0.0998	0.0982	0.0982	0.099	0.016	0.81	0.81	-0.81	-0.81	174.5022	165.7236	180.9064	171.7666
19	BCCL-25-0794 001_001	0.2764	0.2780	0.2734	0.2742	0.275	0.044	0.33	0.91	-0.76	-0.47	170.7312	161.7552	178.4777	169.3072
20	BCCL-25-0795 001_001	0.1795	0.1802	0.1789	0.1794	0.179	0.029	0.00	0.39	-0.33	-0.06	178.7618	169.5485	177.6626	168.4090
21	BCCL-25-0796 001_001	0.3752	0.3765	0.3611	0.3635	0.369	0.060	1.66	2.01	-2.16	-1.51	178.9689	169.6829	172.8809	163.6962
22	BCCL-25-0816 001_001	0.2479	0.2478	0.2732	0.2732	0.260	0.042	-4.85	-4.88	4.87	4.87	173.2149	164.5019	176.1961	167.2489
23	BCCL-25-0817 001_001	0.1752	0.1750	0.1747	0.1740	0.174	0.028	0.27	0.16	-0.01	-0.41	171.4572	162.4762	180.5563	171.9180
24	**BCCL-25-0818 001_001**	0.0562	0.0555	0.0571	0.0572	0.056	0.009	-0.53	-1.77	1.06	1.24	176.3933	167.6811	177.6661	168.9364
25	BCCL-25-0823 001_001	0.3140	0.3128	0.3146	0.3162	0.314	0.051	-0.13	-0.51	0.06	0.57	178.9333	170.8162	178.8249	169.5491
26	BCCL-25-0824 001_001	0.1184	0.1175	0.1192	0.1183	0.118	0.019	0.04	-0.72	0.72	-0.04	177.4710	168.7842	178.1814	170.2415
27	BCCL-25-0825 001_001	0.1057	0.1043	0.1079	0.1078	0.106	0.017	-0.68	-2.00	1.39	1.29	178.2342	169.6792	179.4422	170.7420
28	BCCL-25-0828 001_001	0.1093	0.1083	0.1079	0.1071	0.108	0.017	1.06	0.14	-0.23	-0.97	171.5391	163.7612	175.2370	167.1028
29	BCCL-25-0831 001_001	0.1447	0.1436	0.1420	0.1406	0.142	0.023	1.38	0.61	-0.51	-1.49	174.2400	166.1599	173.9775	165.6590
30	BCCL-25-0843 002_001	0.1123	0.1110	0.1164	0.1153	0.113	0.018	-1.27	-2.42	2.33	1.36	170.9946	162.5465	176.9570	168.1978

Melissa Henry

Digitally signed by Melissa Henry
Date: 2025.05.15 09:42:48 -05'00'

Brazoria County Crime Lab

BAC Batch Information

Batch Name: BAC-20250513-MH **Analyst:** Melissa Henry **Instrument:** BAC-2

	Lot:	Expiration:	Inventory Number:
Cal 1	FN12272201	2/29/2028	S-23-5008S
Cal 2	FN03122112	3/31/2026	S-23-5009E
Cal 3	FN03172301	3/31/2028	S-23-5010H
Cal 4	FN03072301	3/31/2028	S-23-5011H
Cal 5	FN03132302	3/31/2028	S-23-5012G
Cal 6	FN03052102	3/31/2026	S-23-5013F
Cal 7	FN06262004	7/31/2025	S-23-5014I
High QC	12052023-B	5/31/2028	S-24-5080E
Low QC	517757	6/21/2025	S-24-5001M
Blood QC A	2401241	2/28/2028	S-24-5002H
Blood QC B	2302120	5/31/2027	S-24-5003H
Internal Standard	N/A	8/1/2025	R-25-5001
Pipette(s)	5053, 205L		

Comments:

BCCL ANALYTICAL WORKLIST

ANALYST: Melissa Henry

BAC_20250513_MH

Worklist ID: X73TWG9Q9H8MZM

Case #	Evid #	Evid Type	Service
BCCL-25-0733	001_001	Blood	Alcohol
BCCL-25-0734	001_001	Blood	Alcohol
BCCL-25-0737	001_001	Blood	Alcohol
BCCL-25-0745	001_001	Blood	Alcohol
BCCL-25-0746	001_001	Blood	Alcohol
BCCL-25-0747	001_001	Blood	Alcohol
BCCL-25-0748	001_001	Blood	Alcohol
BCCL-25-0749	001_001	Blood	Alcohol
BCCL-25-0750	001_001	Blood	Alcohol
BCCL-25-0756	001_001	Blood	Alcohol
BCCL-25-0757	001_001	Blood	Alcohol
BCCL-25-0758	001_001	Blood	Alcohol
BCCL-25-0762	001_001	Blood	Alcohol

mh

BAC-20250513-MH

Case #	Evid #	Evid Type	Service
BCCL-25-0763	001_001	Blood	Alcohol
BCCL-25-0764	001_001	Blood	Alcohol
BCCL-25-0766	001_001	Blood	Alcohol
BCCL-25-0784	002_001	Blood	Alcohol
BCCL-25-0785	001_001	Blood	Alcohol
BCCL-25-0794	001_001	Blood	Alcohol
BCCL-25-0795	001_001	Blood	Alcohol
BCCL-25-0796	001_001	Blood	Alcohol
BCCL-25-0816	001_001	Blood	Alcohol
BCCL-25-0817	001_001	Blood	Alcohol
BCCL-25-0818	001_001	Blood	Alcohol
BCCL-25-0823	001_001	Blood	Alcohol
BCCL-25-0824	001_001	Blood	Alcohol
BCCL-25-0825	001_001	Blood	Alcohol
BCCL-25-0828	001_001	Blood	Alcohol

mh

BAC-20250513-MH

Case #	Evid #	Evid Type	Service
BCCL-25-0831	001_001	Blood	Alcohol
BCCL-25-0843	002_001	Blood	Alcohol

mh

SEQUENCE PARAMETERS

Sequence : C:\CHEM32\2\SEQUENCE\2025\BAC_20250513_MH.S
Operator : Melissa Henry
Data File Naming : Auto
Data Directory : C:\Chem32\2\Data\
Data Subdirectory : 2025
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 TABLE: verified by KB 5/13/2025

==========

Line : 1
Location : 1
Sample Information :
Sample Name : 0.010 g/100mL Cal (25-0709)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 1
Update RF : Replace
Update RT : Replace

==========

Line : 2
Location : 2
Sample Information :
Sample Name : 0.025 g/100mL Cal (25-0710)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 2
Update RF : Replace
Update RT : Replace

==========

Line : 3
Location : 3
Sample Information :
Sample Name : 0.050 g/100mL Cal (25-0711)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 3
Update RF : Replace
Update RT : Replace

---

mh

```
================================================================================

Line                : 4
Location            : 4
Sample Information  :
Sample Name         : 0.100 g/100mL Cal (25-0712)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 4
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

================================================================================

Line                : 5
Location            : 5
Sample Information  :
Sample Name         : 0.200 g/100mL Cal (25-0713)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 5
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

================================================================================

Line                : 6
Location            : 6
Sample Information  :
Sample Name         : 0.400 g/100mL Cal (25-0714)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 6
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

================================================================================

Line                : 7
Location            : 7
Sample Information  :
Sample Name         : 0.500 g/100mL Cal (25-0715)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 7
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

================================================================================

Line                : 8
Location            : 8
```

mh

Sample Information :
Sample Name : Negative (25-0716)
Method Name : BAC
Sample Type : Sample

==========

Line : 9
Location : 9
Sample Information :
Sample Name : High QC (25-0717)
Method Name : BAC
Sample Type : Sample

==========

Line : 10
Location : 10
Sample Information :
Sample Name : Low QC (25-0718)
Method Name : BAC
Sample Type : Sample

==========

Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (25-0719)
Method Name : BAC
Sample Type : Sample

==========

Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-25-0733 001_001 (25-0720)
Method Name : BAC
Sample Type : Sample

==========

Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-25-0734 001_001 (25-0721)
Method Name : BAC
Sample Type : Sample

==========

Line : 14
Location : 14

mh

Sample Information : Alq 1
Sample Name : BCCL-25-0737 001_001 (25-0722)
Method Name : BAC
Sample Type : Sample

==========

Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-25-0745 001_001 (25-0723)
Method Name : BAC
Sample Type : Sample

==========

Line : 16
Location : 16
Sample Information : Alq 1
Sample Name : BCCL-25-0746 001_001 (25-0724)
Method Name : BAC
Sample Type : Sample

==========

Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-25-0747 001_001 (25-0725)
Method Name : BAC
Sample Type : Sample

==========

Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-25-0748 001_001 (25-0726)
Method Name : BAC
Sample Type : Sample

==========

Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-25-0749 001_001 (25-0727)
Method Name : BAC
Sample Type : Sample

==========

Line : 20
Location : 20

Sample Information : Alq 1
Sample Name : BCCL-25-0750 001_001 (25-0728)
Method Name : BAC
Sample Type : Sample

==========

Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-25-0756 001_001 (25-0729)
Method Name : BAC
Sample Type : Sample

==========

Line : 22
Location : 22
Sample Information :
Sample Name : Blood QC B (25-0730)
Method Name : BAC
Sample Type : Sample

==========

Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-25-0757 001_001 (25-0731)
Method Name : BAC
Sample Type : Sample

==========

Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-25-0758 001_001 (25-0732)
Method Name : BAC
Sample Type : Sample

==========

Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-25-0762 001_001 (25-0733)
Method Name : BAC
Sample Type : Sample

==========

Line : 26
Location : 26

Sample Information : Alq 1
Sample Name : BCCL-25-0763 001_001 (25-0734)
Method Name : BAC
Sample Type : Sample

==========

Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-25-0764 001_001 (25-0735)
Method Name : BAC
Sample Type : Sample

==========

Line : 28
Location : 28
Sample Information : Alq 1
Sample Name : BCCL-25-0766 001_001 (25-0736)
Method Name : BAC
Sample Type : Sample

==========

Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-25-0784 002_001 (25-0737)
Method Name : BAC
Sample Type : Sample

==========

Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-25-0785 001_001 (25-0738)
Method Name : BAC
Sample Type : Sample

==========

Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-25-0794 001_001 (25-0739)
Method Name : BAC
Sample Type : Sample

==========

Line : 32
Location : 32

Sample Information : Alq 1
Sample Name : BCCL-25-0795 001_001 (25-0740)
Method Name : BAC
Sample Type : Sample

==========

Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (25-0741)
Method Name : BAC
Sample Type : Sample

==========

Line : 34
Location : 34
Sample Information : Alq 1
Sample Name : BCCL-25-0796 001_001 (25-0742)
Method Name : BAC
Sample Type : Sample

==========

Line : 35
Location : 35
Sample Information : Alq 1
Sample Name : BCCL-25-0816 001_001 (25-0743)
Method Name : BAC
Sample Type : Sample

==========

Line : 36
Location : 36
Sample Information : Alq 1
Sample Name : BCCL-25-0817 001_001 (25-0744)
Method Name : BAC
Sample Type : Sample

==========

Line : 37
Location : 37
Sample Information : Alq 1
Sample Name : BCCL-25-0818 001_001 (25-0745)
Method Name : BAC
Sample Type : Sample

==========

Line : 38
Location : 38

Sample Information : Alq 1
Sample Name : BCCL-25-0823 001_001 (25-0746)
Method Name : BAC
Sample Type : Sample

==========

Line : 39
Location : 39
Sample Information : Alq 1
Sample Name : BCCL-25-0824 001_001 (25-0747)
Method Name : BAC
Sample Type : Sample

==========

Line : 40
Location : 40
Sample Information : Alq 1
Sample Name : BCCL-25-0825 001_001 (25-0748)
Method Name : BAC
Sample Type : Sample

==========

Line : 41
Location : 41
Sample Information : Alq 1
Sample Name : BCCL-25-0828 001_001 (25-0749)
Method Name : BAC
Sample Type : Sample

==========

Line : 42
Location : 42
Sample Information : Alq 1
Sample Name : BCCL-25-0831 001_001 (25-0750)
Method Name : BAC
Sample Type : Sample

==========

Line : 43
Location : 43
Sample Information : Alq 1
Sample Name : BCCL-25-0843 002_001 (25-0751)
Method Name : BAC
Sample Type : Sample

==========

Line : 44
Location : 44

Sample Information :
Sample Name : Blood QC B (25-0752)
Method Name : BAC
Sample Type : Sample

==========

Line : 45
Location : 45
Sample Information : Alq 2
Sample Name : BCCL-25-0843 002_001 (25-0753)
Method Name : BAC
Sample Type : Sample

==========

Line : 46
Location : 46
Sample Information : Alq 2
Sample Name : BCCL-25-0831 001_001 (25-0754)
Method Name : BAC
Sample Type : Sample

==========

Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-25-0828 001_001 (25-0755)
Method Name : BAC
Sample Type : Sample

==========

Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-25-0825 001_001 (25-0756)
Method Name : BAC
Sample Type : Sample

==========

Line : 49
Location : 49
Sample Information : Alq 2
Sample Name : BCCL-25-0824 001_001 (25-0757)
Method Name : BAC
Sample Type : Sample

==========

Line : 50
Location : 50

Sample Information : Alq 2
Sample Name : BCCL-25-0823 001_001 (25-0758)
Method Name : BAC
Sample Type : Sample

==========

Line : 51
Location : 51
Sample Information : Alq 2
Sample Name : BCCL-25-0818 001_001 (25-0759)
Method Name : BAC
Sample Type : Sample

==========

Line : 52
Location : 52
Sample Information : Alq 2
Sample Name : BCCL-25-0817 001_001 (25-0760)
Method Name : BAC
Sample Type : Sample

==========

Line : 53
Location : 53
Sample Information : Alq 2
Sample Name : BCCL-25-0816 001_001 (25-0761)
Method Name : BAC
Sample Type : Sample

==========

Line : 54
Location : 54
Sample Information : Alq 2
Sample Name : BCCL-25-0796 001_001 (25-0762)
Method Name : BAC
Sample Type : Sample

==========

Line : 55
Location : 55
Sample Information :
Sample Name : Blood QC A (25-0763)
Method Name : BAC
Sample Type : Sample

==========

Line : 56
Location : 56

Sample Information : Alq 2
Sample Name : BCCL-25-0795 001_001 (25-0764)
Method Name : BAC
Sample Type : Sample

==========

Line : 57
Location : 57
Sample Information : Alq 2
Sample Name : BCCL-25-0794 001_001 (25-0765)
Method Name : BAC
Sample Type : Sample

==========

Line : 58
Location : 58
Sample Information : Alq 2
Sample Name : BCCL-25-0785 001_001 (25-0766)
Method Name : BAC
Sample Type : Sample

==========

Line : 59
Location : 59
Sample Information : Alq 2
Sample Name : BCCL-25-0784 002_001 (25-0767)
Method Name : BAC
Sample Type : Sample

==========

Line : 60
Location : 60
Sample Information : Alq 2
Sample Name : BCCL-25-0766 001_001 (25-0768)
Method Name : BAC
Sample Type : Sample

==========

Line : 61
Location : 61
Sample Information : Alq 2
Sample Name : BCCL-25-0764 001_001 (25-0769)
Method Name : BAC
Sample Type : Sample

==========

Line : 62
Location : 62

Sample Information : Alq 2
Sample Name : BCCL-25-0763 001_001 (25-0770)
Method Name : BAC
Sample Type : Sample

==========

Line : 63
Location : 63
Sample Information : Alq 2
Sample Name : BCCL-25-0762 001_001 (25-0771)
Method Name : BAC
Sample Type : Sample

==========

Line : 64
Location : 64
Sample Information : Alq 2
Sample Name : BCCL-25-0758 001_001 (25-0772)
Method Name : BAC
Sample Type : Sample

==========

Line : 65
Location : 65
Sample Information : Alq 2
Sample Name : BCCL-25-0757 001_001 (25-0773)
Method Name : BAC
Sample Type : Sample

==========

Line : 66
Location : 66
Sample Information :
Sample Name : Blood QC B (25-0774)
Method Name : BAC
Sample Type : Sample

==========

Line : 67
Location : 67
Sample Information : Alq 2
Sample Name : BCCL-25-0756 001_001 (25-0775)
Method Name : BAC
Sample Type : Sample

==========

Line : 68
Location : 68

Sample Information : Alq 2
Sample Name : BCCL-25-0750 001_001 (25-0776)
Method Name : BAC
Sample Type : Sample

==========

Line : 69
Location : 69
Sample Information : Alq 2
Sample Name : BCCL-25-0749 001_001 (25-0777)
Method Name : BAC
Sample Type : Sample

==========

Line : 70
Location : 70
Sample Information : Alq 2
Sample Name : BCCL-25-0748 001_001 (25-0778)
Method Name : BAC
Sample Type : Sample

==========

Line : 71
Location : 71
Sample Information : Alq 2
Sample Name : BCCL-25-0747 001_001 (25-0779)
Method Name : BAC
Sample Type : Sample

==========

Line : 72
Location : 72
Sample Information : Alq 2
Sample Name : BCCL-25-0746 001_001 (25-0780)
Method Name : BAC
Sample Type : Sample

==========

Line : 73
Location : 73
Sample Information : Alq 2
Sample Name : BCCL-25-0745 001_001 (25-0781)
Method Name : BAC
Sample Type : Sample

==========

Line : 74
Location : 74

Sample Information : Alq 2
Sample Name : BCCL-25-0737 001_001 (25-0782)
Method Name : BAC
Sample Type : Sample

==========

Line : 75
Location : 75
Sample Information : Alq 2
Sample Name : BCCL-25-0734 001_001 (25-0783)
Method Name : BAC
Sample Type : Sample

==========

Line : 76
Location : 76
Sample Information : Alq 2
Sample Name : BCCL-25-0733 001_001 (25-0784)
Method Name : BAC
Sample Type : Sample

==========

Line : 77
Location : 77
Sample Information :
Sample Name : Blood QC A (25-0785)
Method Name : BAC
Sample Type : Sample

==========

Line : 78
Location : 78
Sample Information :
Sample Name : High QC (25-0786)
Method Name : BAC
Sample Type : Sample

==========

Line : 79
Location : 79
Sample Information :
Sample Name : Low QC (25-0787)
Method Name : BAC
Sample Type : Sample

==========

Line : 80
Location : 80

Sequence: C:\CHEM32\2\SEQUENCE\2025\BAC_20250513_MH.S

Sample Information	:
Sample Name	: DI Water (25-0788)
Method Name	: BAC
Sample Type	: Sample

method: C:\Chem32\2\Methods\BAC.M
Modified on: 9/17/2024 at 1:18:37 PM

Method Information

Method: C:\Chem32\2\Methods\BAC.M
Modified: 9/17/2024 at 1:18:37 PM

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 10.1.1.101
Injection Location:	GC Front

method: C:\Chem32\2\Methods\BAC.M
Modified on: 9/17/2024 at 1:18:37 PM

==========

Agilent 7890B

==========

GC
GC Summary

Run Time	4 min
Post Run Time	0 min

Oven
Temperature

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

Front SS Inlet He

Mode	Split
Heater	On 110 °C
Pressure	On 24 psi
Total Flow	On 81.121 mL/min
Septum Purge Flow	On 3 mL/min
Gas Saver	Off
Split Ratio	10 :1
Split Flow	69.952 mL/min

Column
Column #1
Pressure

Setpoint	On
(Initial)	24 psi
Post Run	24 psi

Agilent 123-9134
DB-ALC1
0 °C—325 °C (325 °C): 30 m x 320 µm x 1.8 µm

Column lock	Unlocked
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

Column #2
Pressure

Setpoint	On

method: C:\Chem32\2\Methods\BAC.M
Modified on: 9/17/2024 at 1:18:37 PM

(Initial)	24 psi
Post Run	24 psi

Agilent 123-9234
DB-ALC2
0 °C—325 °C (325 °C): 30 m x 320 µm x 1.2 µm

Column lock	Unlocked
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
Column Outlet Pressure	0 psi

Front Detector FID

Makeup	N2
	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
Electrometer	On

Back Detector FID

Makeup	N2
	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
Electrometer	On

Signals
Signal #1: Front Signal

Description	Front Signal
Details	Front Signal (FID)
Save	On
Data Rate	20 Hz
Dual Injection Assignment	Front Sample

Signal #2: Back Signal

Description	Back Signal
Details	Back Signal (FID)
Save	On
Data Rate	20 Hz
Dual Injection Assignment	Back Sample

method: C:\Chem32\2\Methods\BAC.M
Modified on: 9/17/2024 at 1:18:37 PM

Signal #3: Test Plot	
Description	Test Plot
Details	
Save	Off
Data Rate	50 Hz
Dual Injection Assignment	Back Sample
Signal #4: Test Plot	
Description	Test Plot
Details	
Save	Off
Data Rate	50 Hz
Dual Injection Assignment	Back Sample

==========

Agilent 7697A

==========

Agilent 7697A

Instrument Info

Address:	10.1.1.101
Serial Number:	CN16210024
Firmware Revision:	A.01.08.1

Instrument Settings

Vial Pressurization Gas:	Helium
Loop Size (mL):	1
Keyboard Lock:	OFF
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

method: C:\Chem32\2\Methods\BAC.M
Modified on: 9/17/2024 at 1:18:37 PM

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

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\2\Methods\BAC.M
Modified on: 9/17/2024 at 1:18:37 PM

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_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

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_FID"

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

method: C:\Chem32\2\Methods\BAC.M
Modified on: 9/17/2024 at 1:18:37 PM

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

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

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

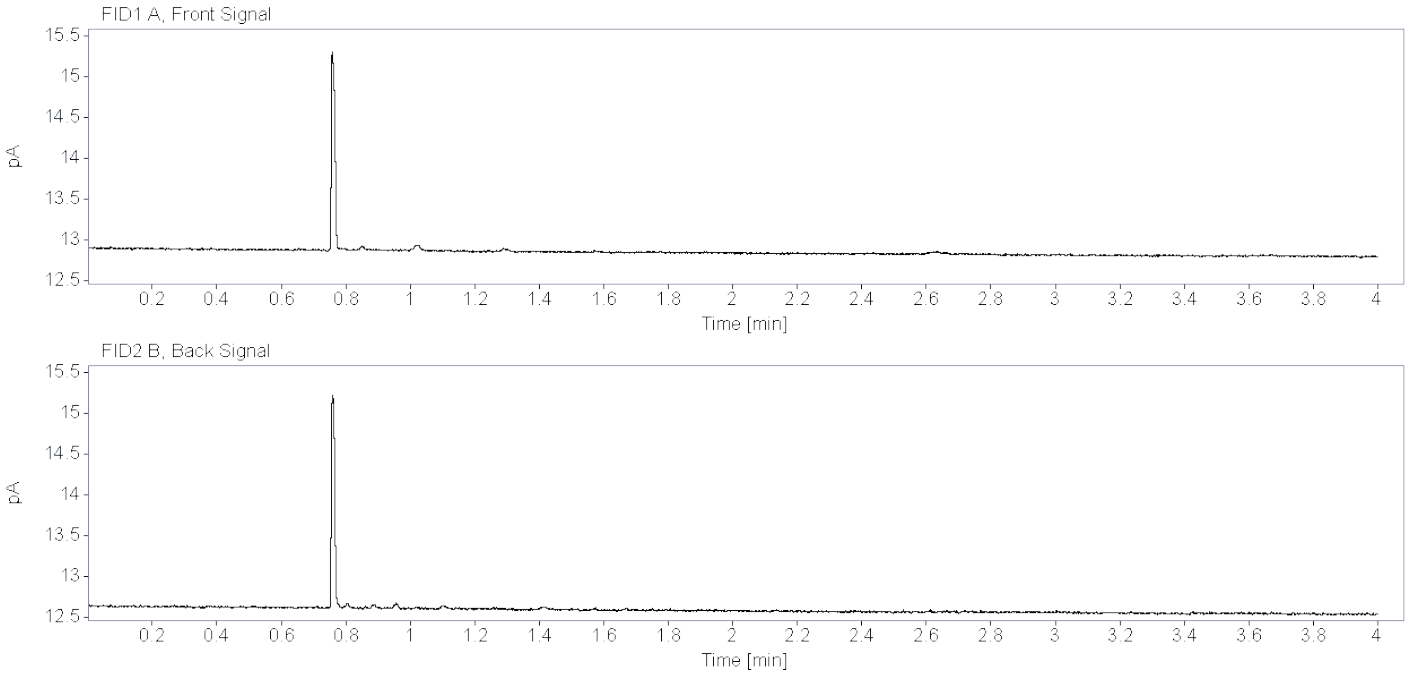
Detector Default Integration Event Table "Event_uECD"

Event	Value	Time
Initial Slope Sensitivity	500.000	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

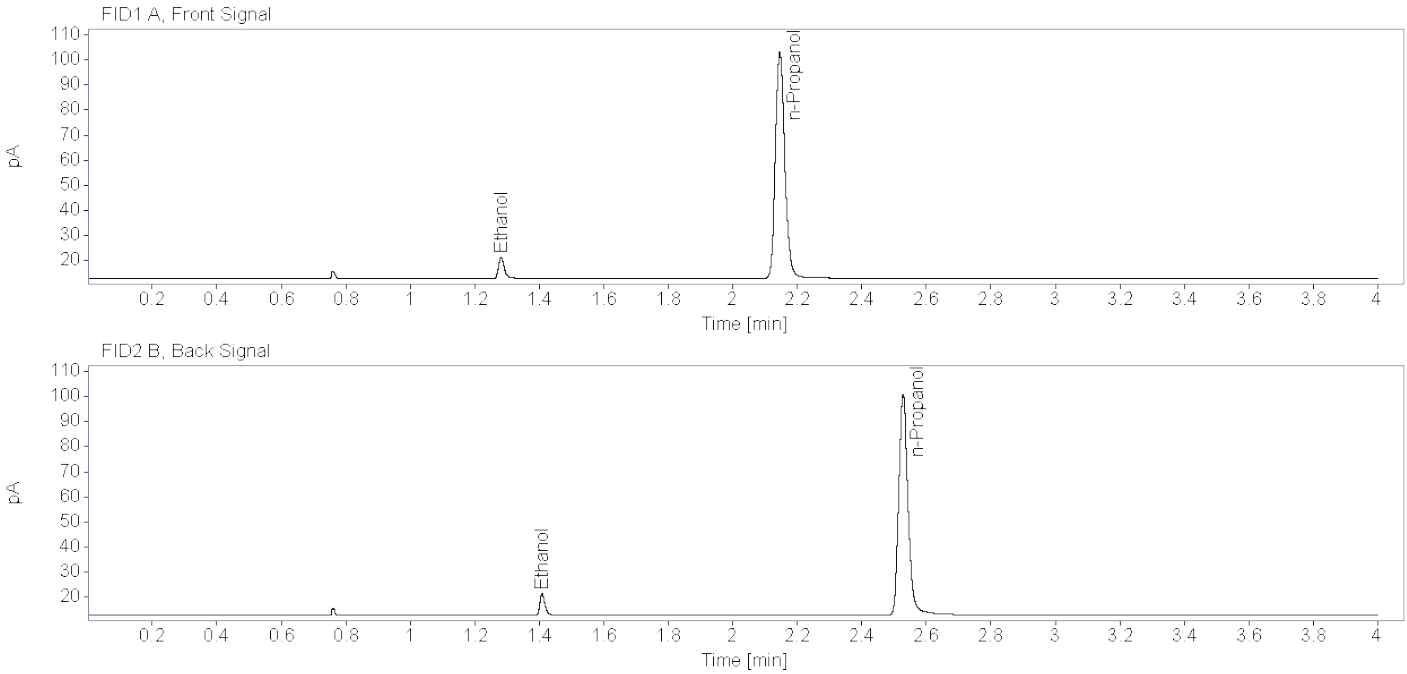
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Air **Description:** **Sample Barcode** **Vial Number:** 1
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 8:28:43 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250513PC_MH 2025-05-13 08-18-48\001F0101.D



Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: PC **Description:** **Sample Barcode** **Vial Number:** 2
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 8:33:26 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250513PC_MH 2025-05-13 08-18-48\002F0201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74870	1.282	1.287	9.7699	0.0119
n-Propanol	0.81458	2.146	2.154	181.2416	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73473	1.409	1.416	9.7179	0.0126
n-Propanol	0.82996	2.528	2.538	173.7765	0.0100

Calibration Table

General Calibration Setting

Calib. Data Modified : 5/14/2025 8:24:53 AM
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
1.277	1	1	1.00000e-2	9.45964	1.05712e-3	No	No	1	Ethanol
		2	2.50000e-2	23.47331	1.06504e-3				
		3	5.00000e-2	48.67313	1.02726e-3				
		4	1.00000e-1	98.26274	1.01768e-3				
		5	2.00000e-1	195.65231	1.02222e-3				
		6	4.00000e-1	398.21362	1.00449e-3				
		7	5.00000e-1	490.66156	1.01903e-3				
1.404	2	1	1.00000e-2	9.25070	1.08100e-3	No	No	2	Ethanol
		2	2.50000e-2	22.81224	1.09590e-3				
		3	5.00000e-2	48.05235	1.04053e-3				
		4	1.00000e-1	96.81263	1.03292e-3				
		5	2.00000e-1	193.69777	1.03254e-3				
		6	4.00000e-1	396.79776	1.00807e-3				
		7	5.00000e-1	489.06708	1.02235e-3				
2.145	1	1	1.00000e-2	178.03922	5.61674e-5	No	Yes	1	n-Propanol
		2	1.00000e-2	173.69839	5.75711e-5				
		3	1.00000e-2	179.03865	5.58539e-5				
		4	1.00000e-2	178.98210	5.58715e-5				
		5	1.00000e-2	177.88556	5.62159e-5				
		6	1.00000e-2	179.06738	5.58449e-5				
		7	1.00000e-2	173.24086	5.77231e-5				
2.527	2	1	1.00000e-2	170.95900	5.84936e-5	No	Yes	2	n-Propanol
		2	1.00000e-2	166.18124	6.01753e-5				
		3	1.00000e-2	170.88185	5.85200e-5				
		4	1.00000e-2	170.25046	5.87370e-5				
		5	1.00000e-2	169.69844	5.89281e-5				
		6	1.00000e-2	170.70735	5.85798e-5				
		7	1.00000e-2	165.21286	6.05280e-5				

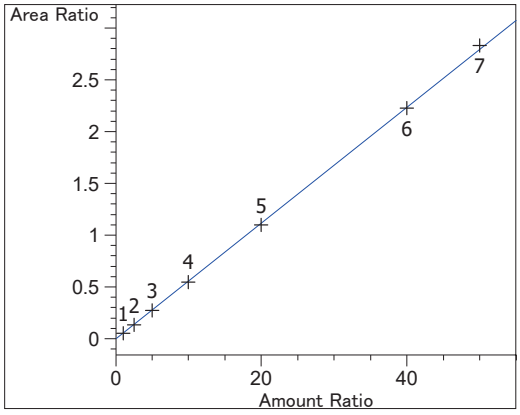
Peak Sum Table

No Entries in table

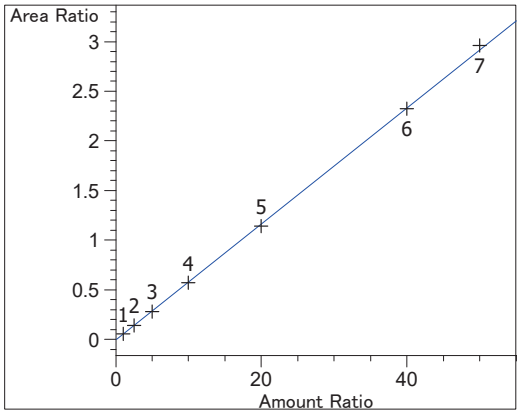
163 Warnings or Errors (10 first messages follow) :

Warning : Curve requires more calibration points., (n-Propanol)
Warning : Curve requires more calibration points. at 2.145 min, signal 1
Warning : Curve requires more calibration points. at 2.527 min, signal 2
Warning : Curve requires more calibration points. at 2.145 min, signal 1
Warning : Curve requires more calibration points. at 2.527 min, signal 2
Warning : Curve requires more calibration points. at 2.145 min, signal 1
Warning : Curve requires more calibration points. at 2.527 min, signal 2
Warning : Curve requires more calibration points. at 2.145 min, signal 1
Warning : Curve requires more calibration points. at 2.527 min, signal 2
Warning : Curve requires more calibration points. at 2.145 min, signal 1

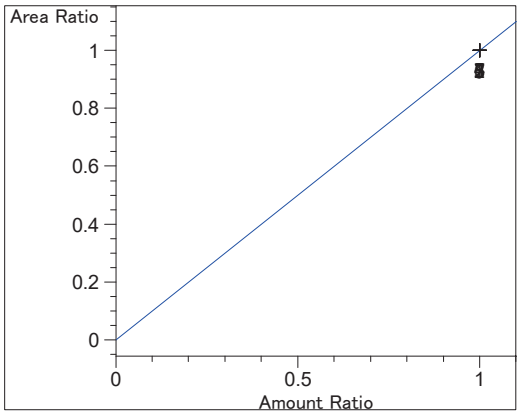
Calibration Curves



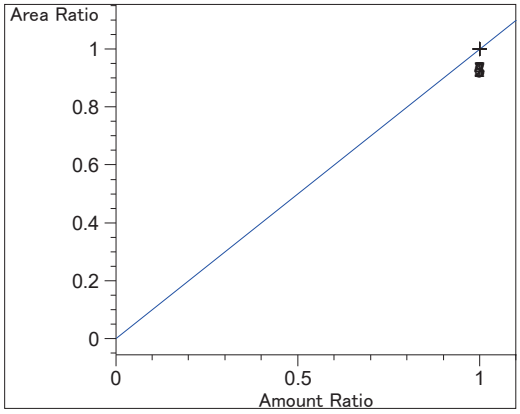
Ethanol at exp. RT: 1.277
FID1 A, Front Signal
Correlation: 0.99992
Residual Std. Dev.: 0.01888
Formula: y = mx + b
m: 5.60041e-2
b: -4.62485e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.39317
Level 3 : 0.195441
Level 4 : 0.096779
Level 5 : 0.048308
Level 6 : 0.023892
Level 7 : 0.01876



Ethanol at exp. RT: 1.404
FID2 B, Back Signal
Correlation: 0.99988
Residual Std. Dev.: 0.02220
Formula: y = mx + b
m: 5.84900e-2
b: -7.15186e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.394182
Level 3 : 0.192426
Level 4 : 0.095157
Level 5 : 0.047406
Level 6 : 0.023279
Level 7 : 0.018279



n-Propanol at exp. RT: 2.145
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

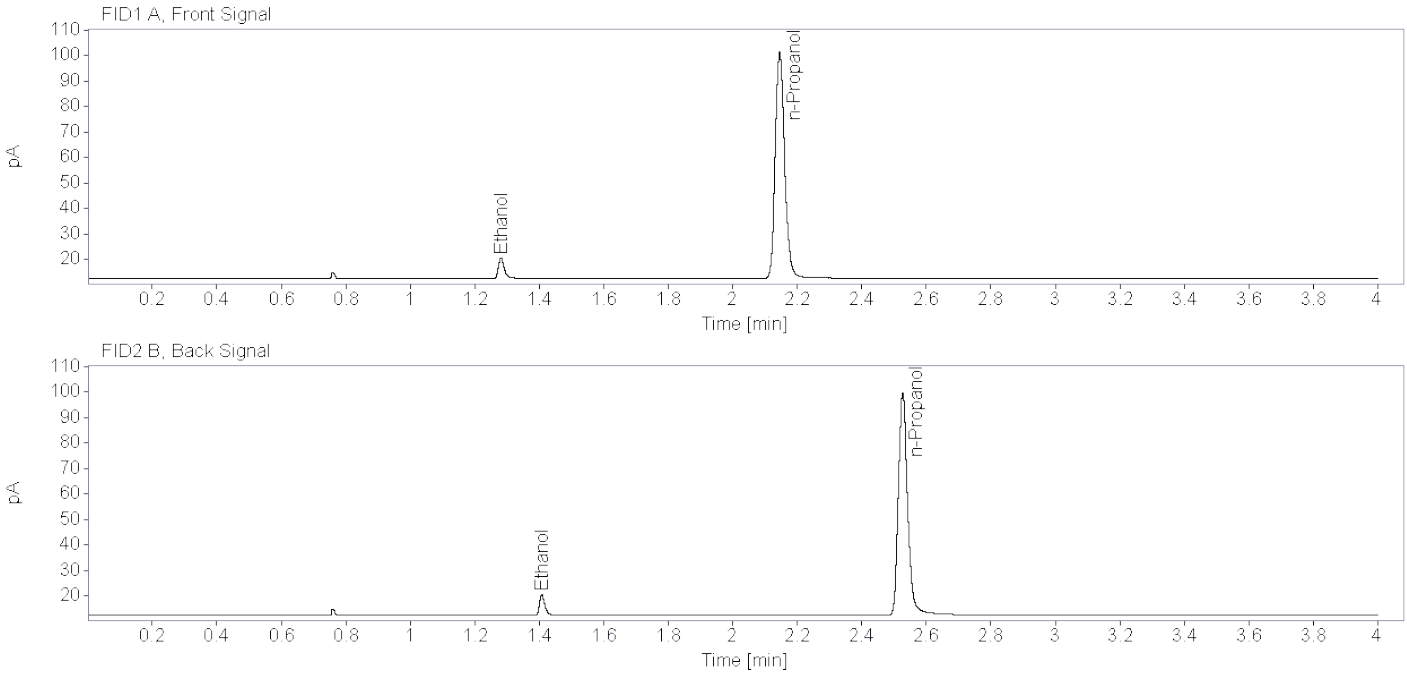


n-Propanol at exp. RT: 2.527
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

==========

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.010 g/100mL Cal (25-0709) **Description:** **Sample Barcode** 25-0709 **Vial Number:** 1
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 11:38:30 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\001F0101.D



Name FID1A

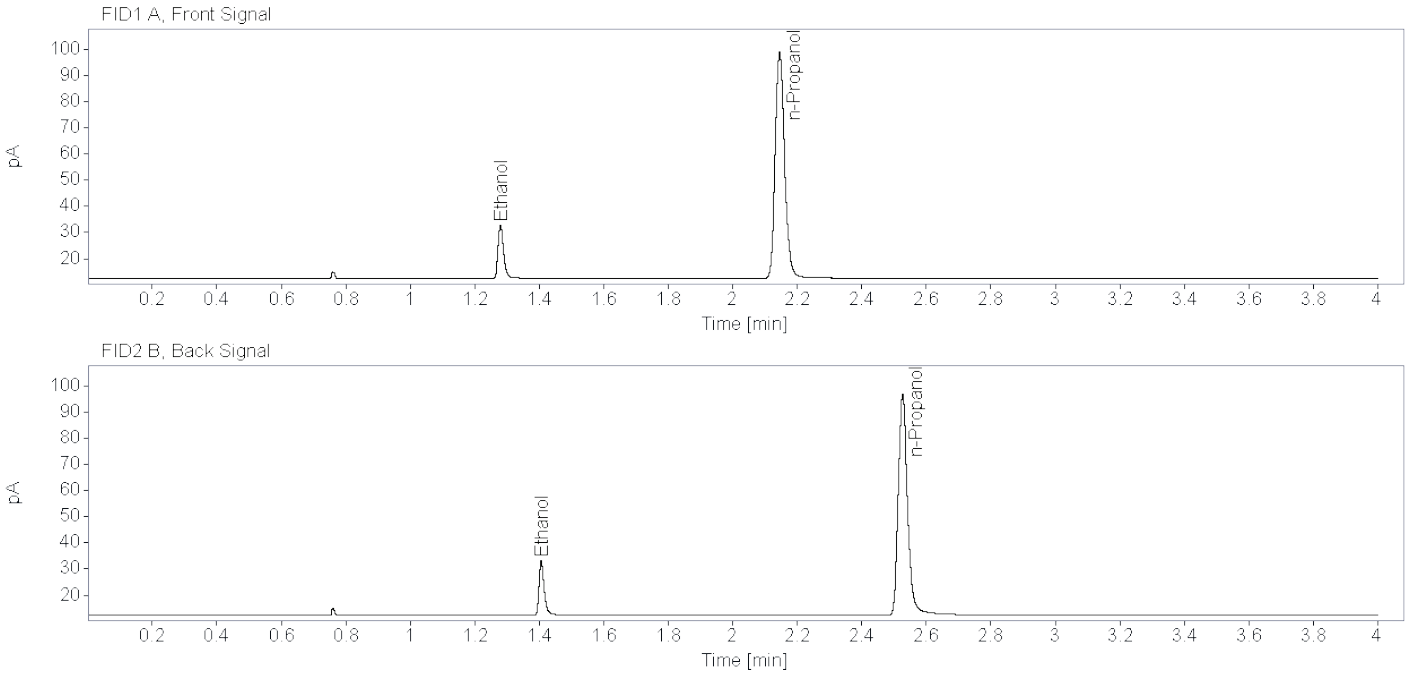
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74329	1.281	1.281	9.4596	0.0103
n-Propanol	0.82098	2.145	2.145	178.0392	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74741	1.408	1.408	9.2507	0.0105
n-Propanol	0.81304	2.527	2.527	170.9590	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.025 g/100mL Cal (25-0710) **Description:** **Sample Barcode** 25-0710 **Vial Number:** 2
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 11:43:13 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\002F0201.D



Name FID1A

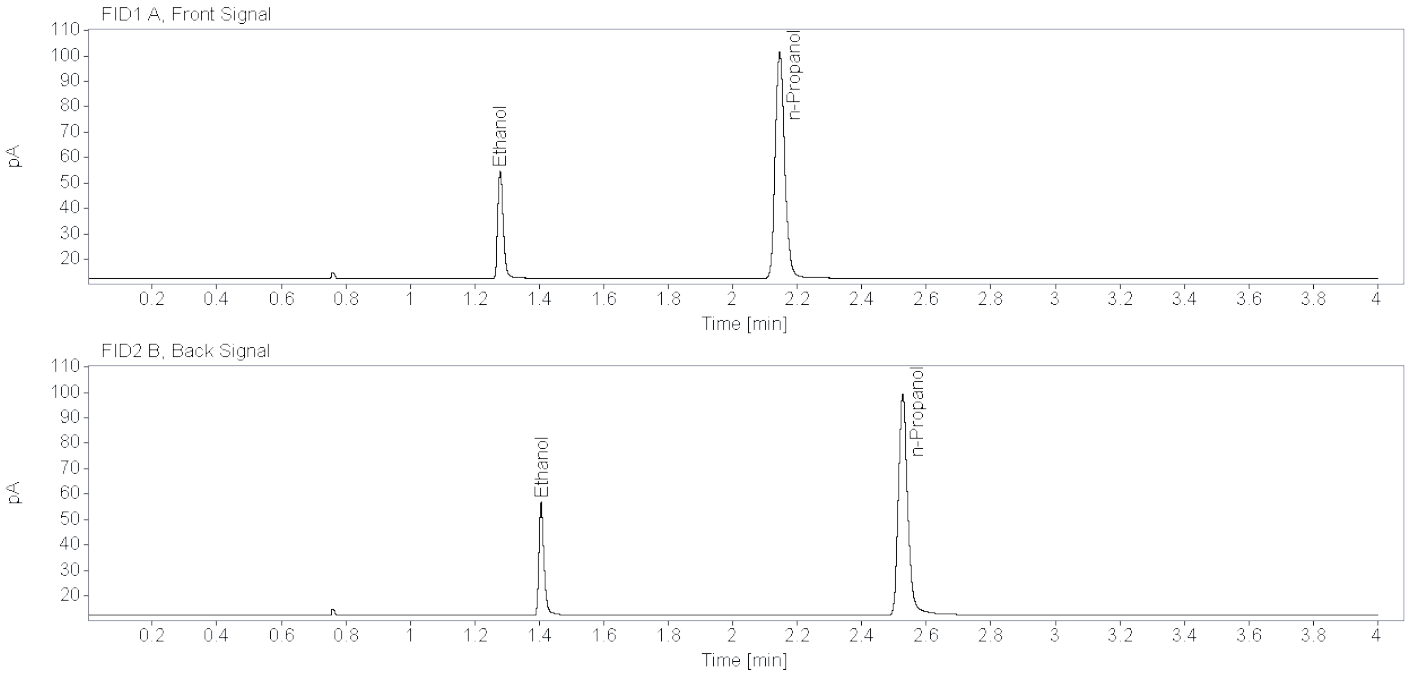
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75214	1.280	1.280	23.4733	0.0250
n-Propanol	0.82003	2.145	2.145	173.6984	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71191	1.406	1.406	22.8122	0.0247
n-Propanol	0.80738	2.527	2.527	166.1812	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.050 g/100mL Cal (25-0711) **Description:** **Sample Barcode** 25-0711 **Vial Number:** 3
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 11:48:54 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\003F0301.D



Name FID1A

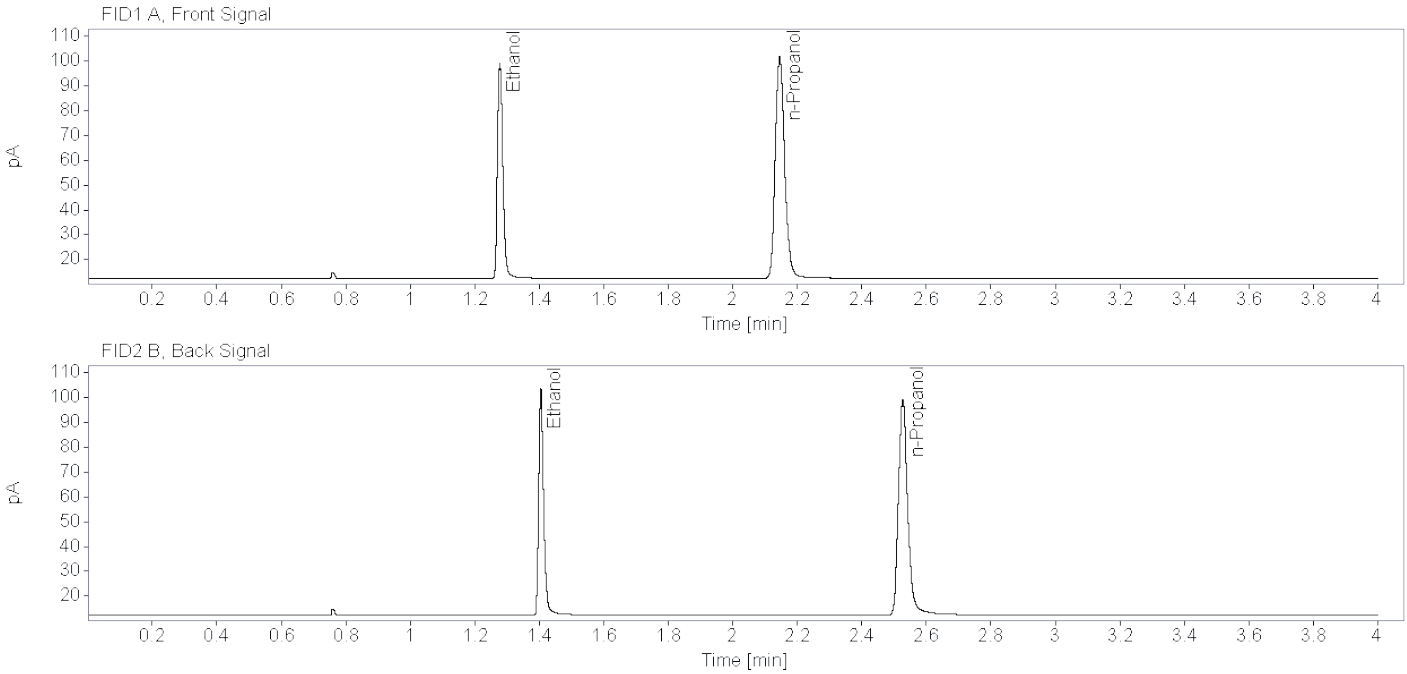
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75568	1.279	1.279	48.6731	0.0494
n-Propanol	0.82164	2.145	2.145	179.0387	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73436	1.406	1.406	48.0523	0.0493
n-Propanol	0.80656	2.527	2.527	170.8819	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.100 g/100mL Cal (25-0712) **Description:** **Sample Barcode** 25-0712 **Vial Number:** 4
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 11:53:37 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\004F0401.D



Name FID1A

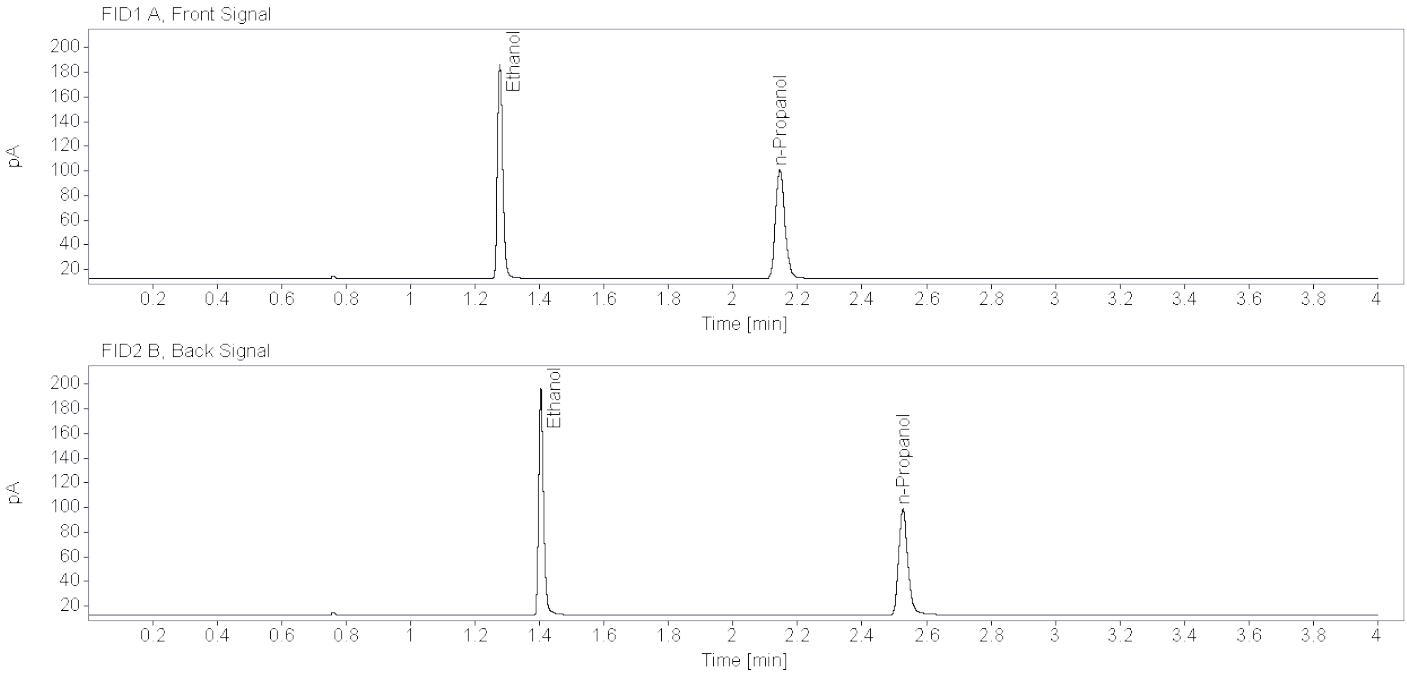
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76901	1.278	1.278	98.2627	0.0989
n-Propanol	0.82121	2.145	2.145	178.9821	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74540	1.405	1.405	96.8126	0.0984
n-Propanol	0.80341	2.527	2.527	170.2505	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.200 g/100mL Cal (25-0713) **Description:** **Sample Barcode** 25-0713 **Vial Number:** 5
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 11:59:18 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\005F0501.D



Name FID1A

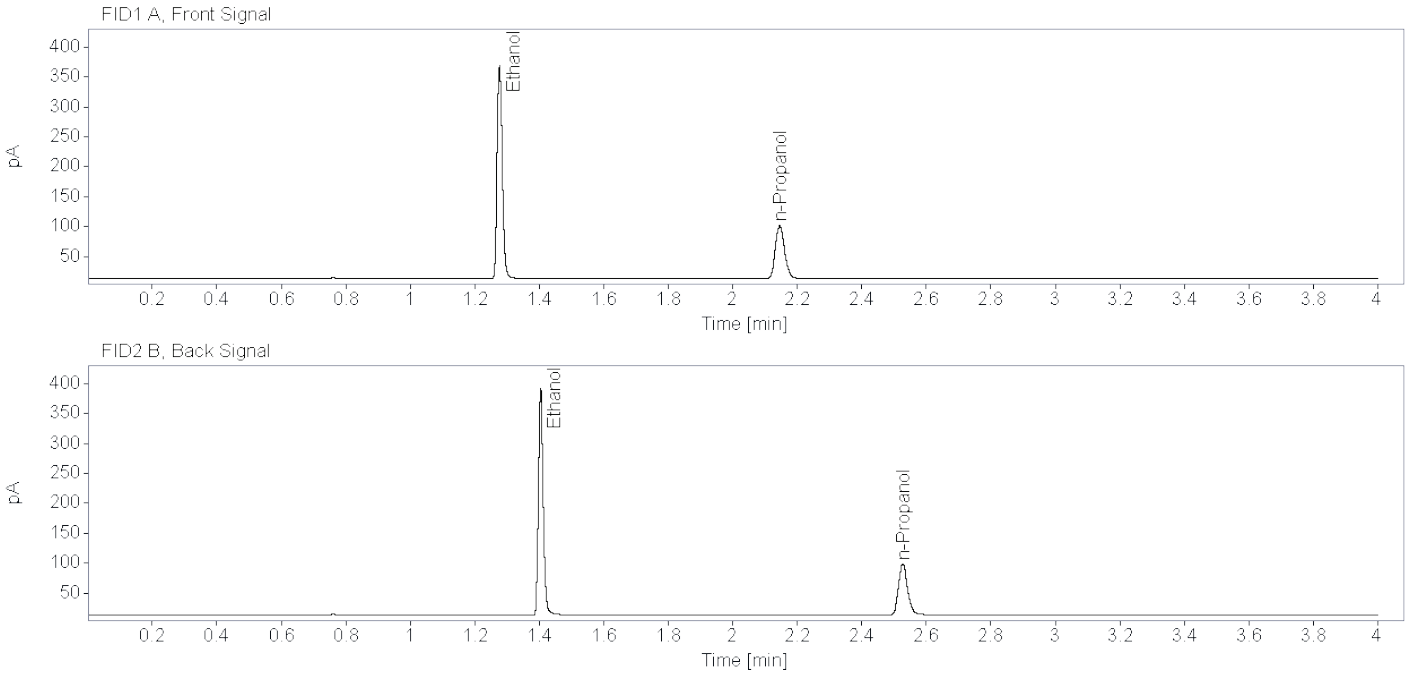
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78446	1.277	1.277	195.6523	0.1972
n-Propanol	0.80742	2.145	2.145	177.8856	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77419	1.404	1.404	193.6978	0.1964
n-Propanol	0.80654	2.527	2.527	169.6984	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.400 g/100mL Cal (25-0714) **Description:** **Sample Barcode** 25-0714 **Vial Number:** 6
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 12:04:01 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\006F0601.D



Name FID1A

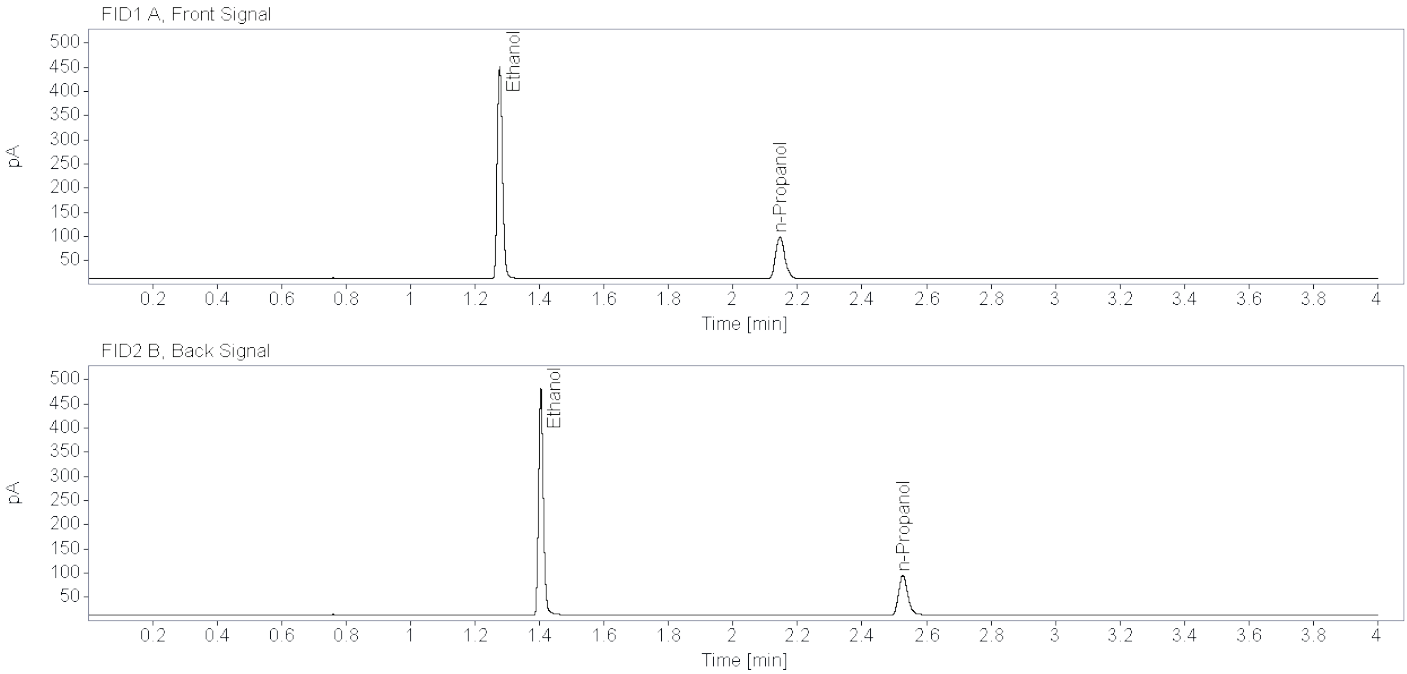
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81147	1.277	1.277	398.2136	0.3979
n-Propanol	0.81920	2.145	2.145	179.0674	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83924	1.405	1.405	396.7978	0.3986
n-Propanol	0.80026	2.527	2.527	170.7074	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.500 g/100mL Cal (25-0715) **Description:** **Sample Barcode** 25-0715 **Vial Number:** 7
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 12:09:42 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\007F0701.D



Name FID1A

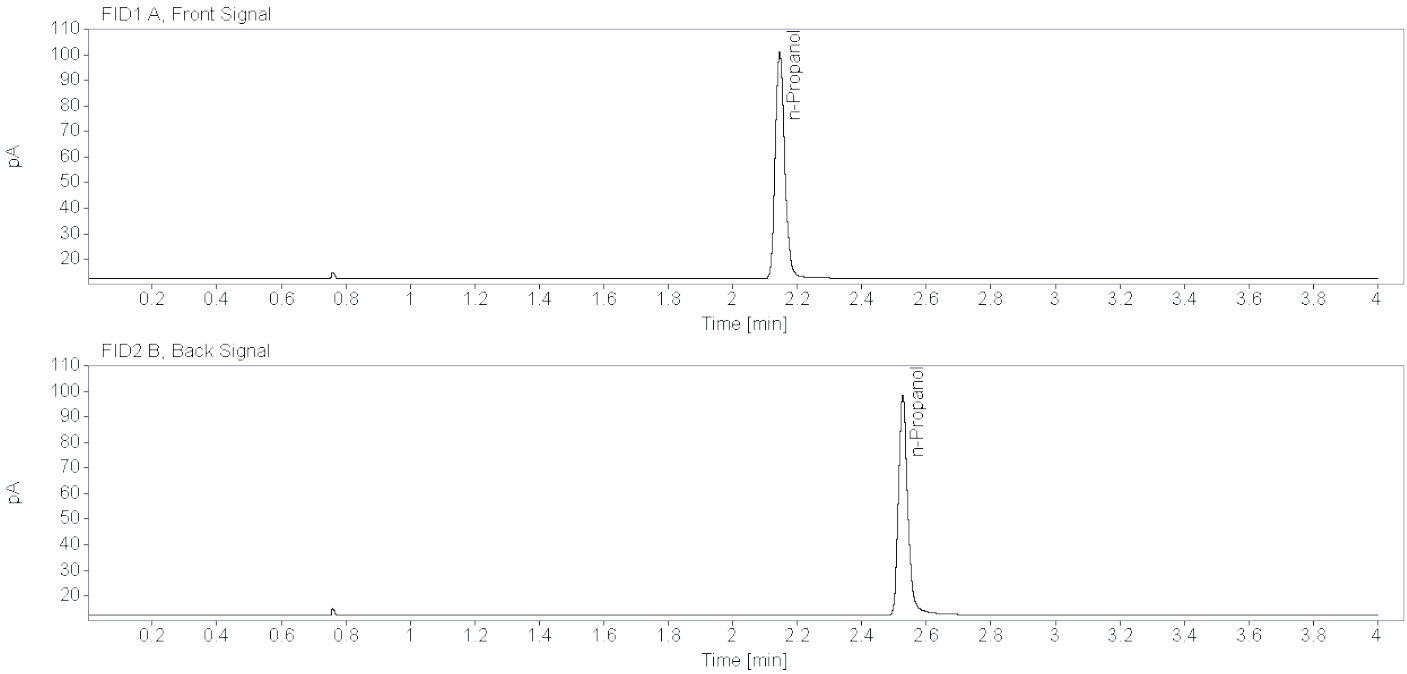
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82861	1.277	1.277	490.6616	0.5065
n-Propanol	0.80075	2.145	2.145	173.2409	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83334	1.404	1.404	489.0671	0.5073
n-Propanol	0.79881	2.527	2.527	165.2129	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Negative (25-0716) **Description:** **Sample Barcode** 25-0716 **Vial Number:** 8
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 12:14:25 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\008F0801.D



Name FID1A

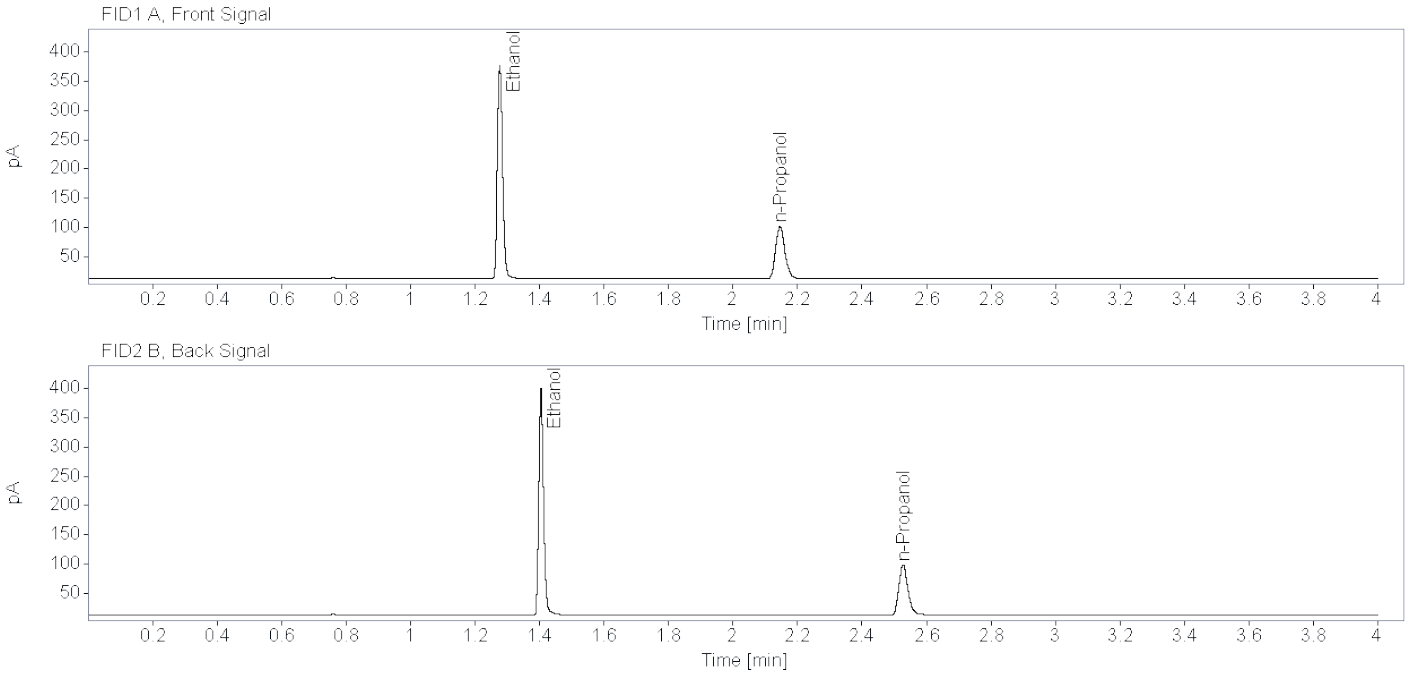
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82043	2.145	2.145	178.7844	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.79936	2.527	2.527	170.1841	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (25-0717) **Description:** **Sample Barcode** 25-0717 **Vial Number:** 9
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 12:20:06 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\009F0901.D



Name FID1A

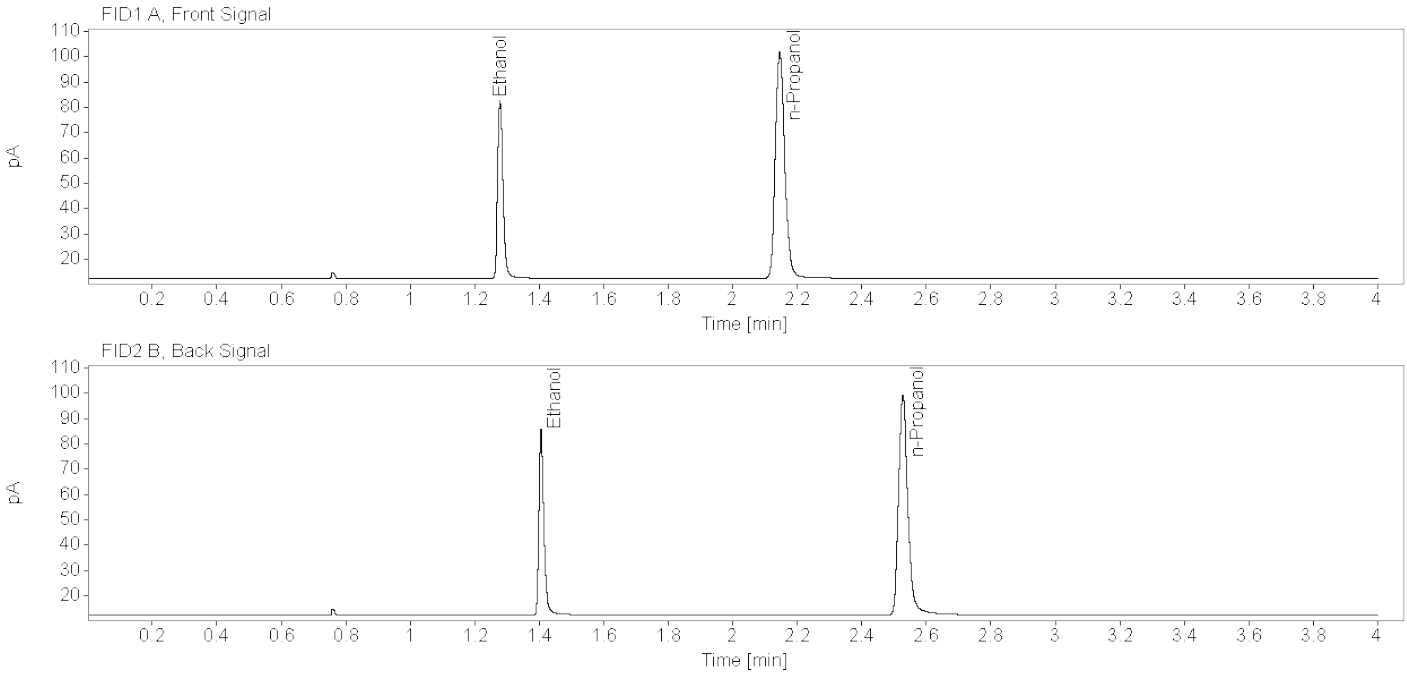
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81100	1.277	1.277	406.5260	0.4071
n-Propanol	0.80558	2.145	2.145	178.6500	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82027	1.405	1.404	404.3136	0.4061
n-Propanol	0.80701	2.527	2.527	170.7224	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (25-0718) **Description:** **Sample Barcode** 25-0718 **Vial Number:** 10
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 12:24:49 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\010F1001.D



Name FID1A

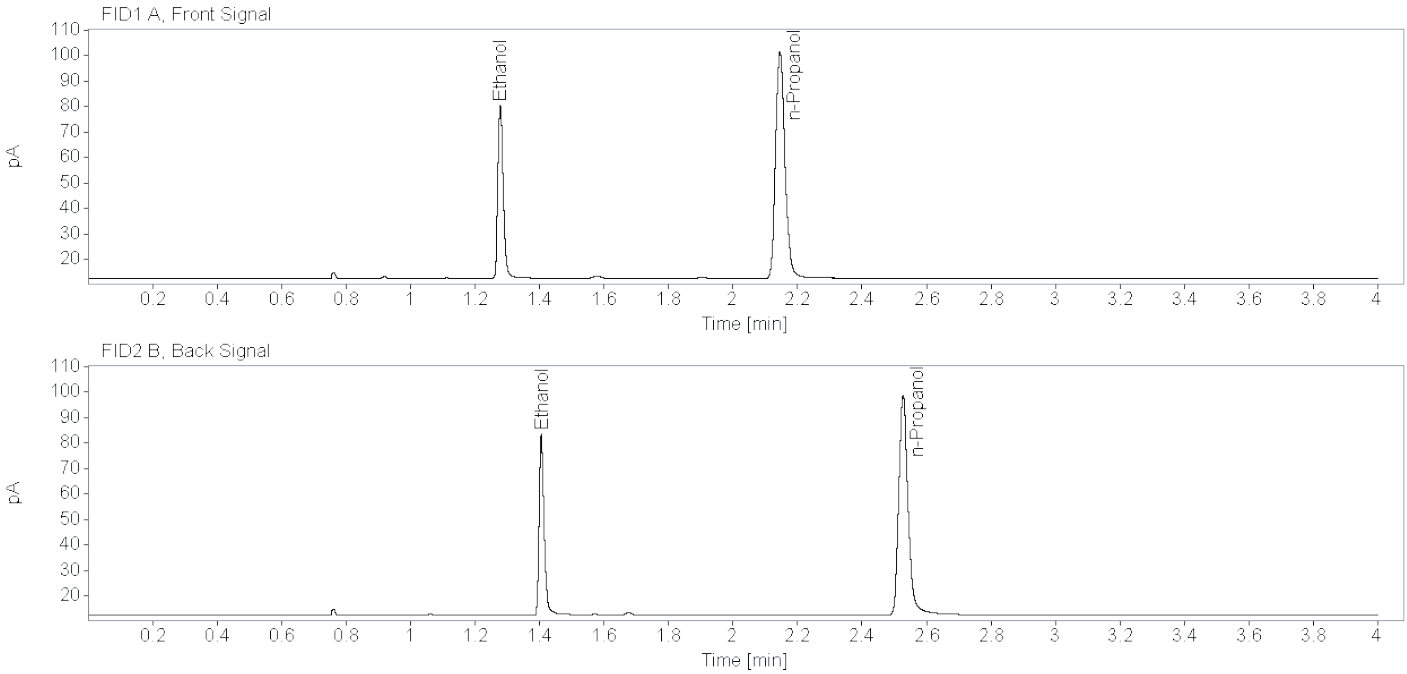
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76648	1.279	1.277	79.6777	0.0799
n-Propanol	0.80943	2.146	2.145	179.8719	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73501	1.406	1.404	78.8257	0.0800
n-Propanol	0.79945	2.527	2.527	171.0813	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-0719) **Description:** **Sample Barcode** 25-0719 **Vial Number:** 11
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 12:30:30 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\011F1101.D



Name FID1A

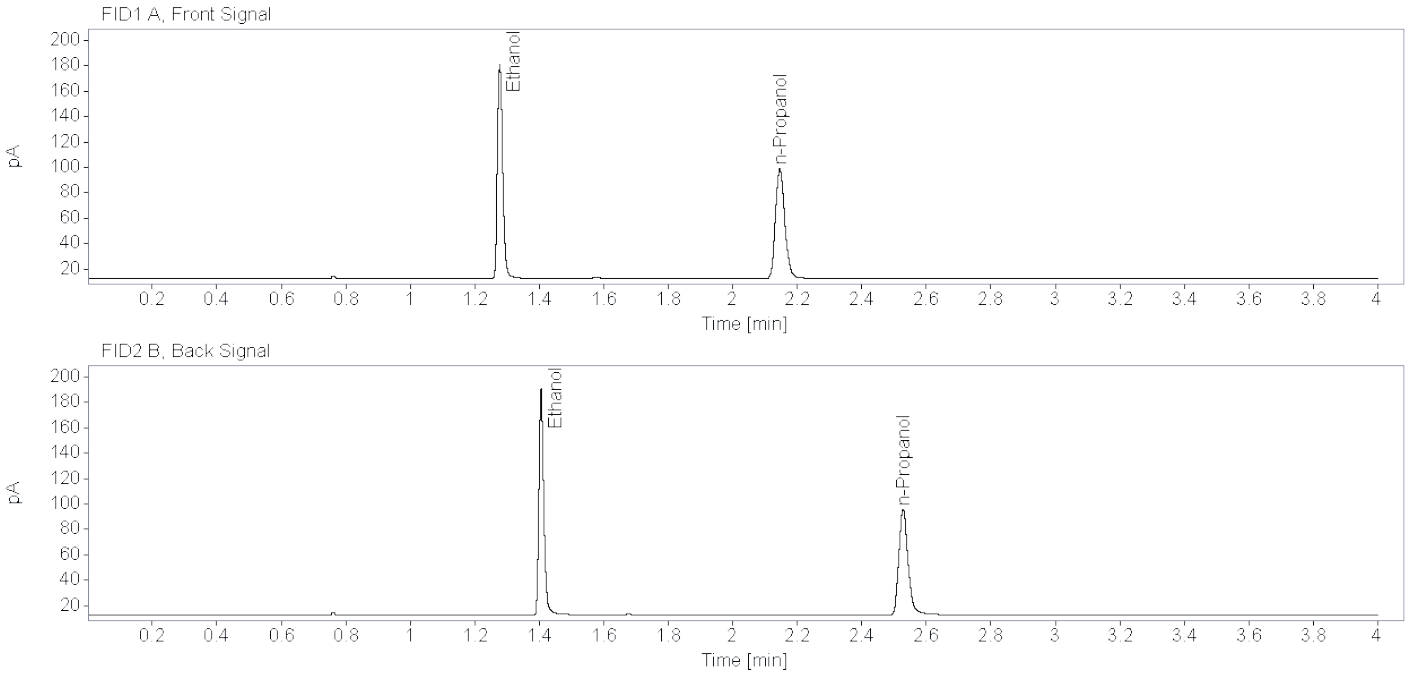
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76732	1.279	1.277	77.2472	0.0781
n-Propanol	0.80426	2.145	2.145	178.5235	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72448	1.406	1.404	75.8083	0.0772
n-Propanol	0.80699	2.527	2.527	170.5365	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (25-0730) **Description:** **Sample Barcode** 25-0730 **Vial Number:** 22
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 1:27:13 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\022F2201.D



Name FID1A

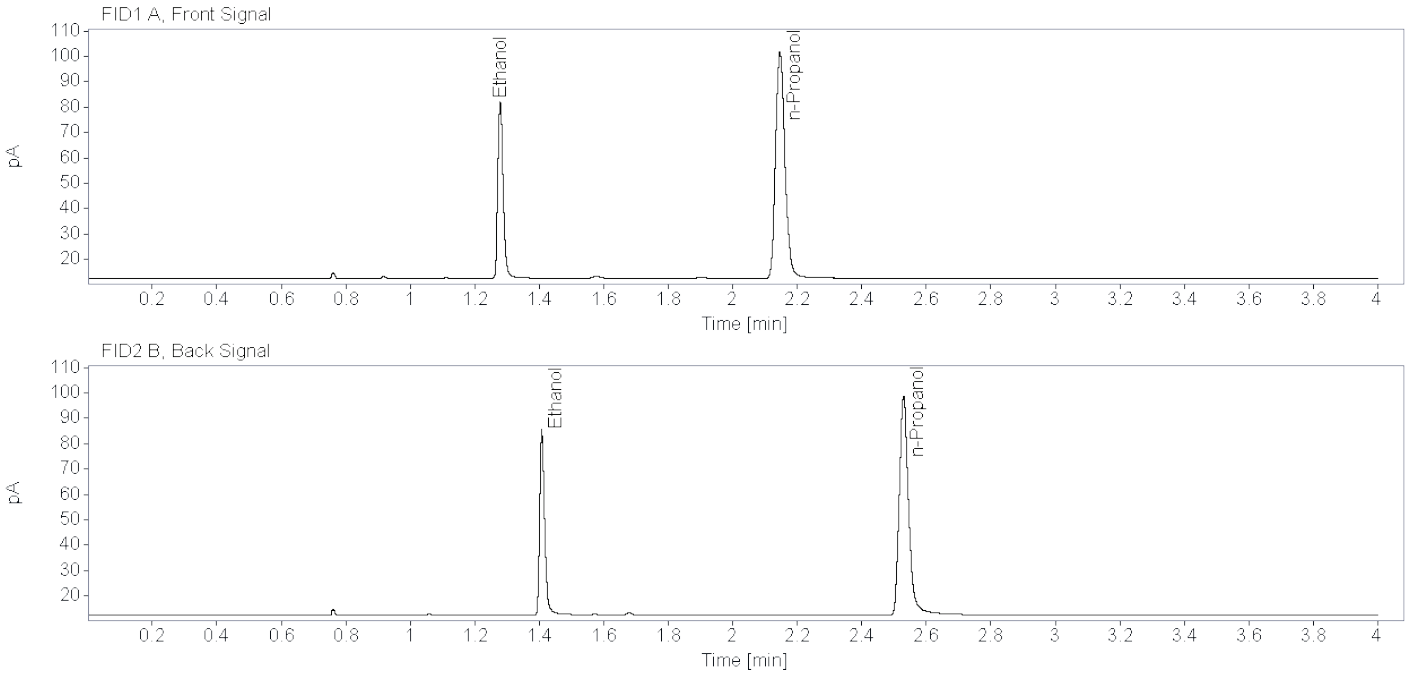
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77413	1.278	1.277	188.9286	0.1959
n-Propanol	0.80083	2.146	2.145	172.8913	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76942	1.406	1.404	188.0659	0.1959
n-Propanol	0.80106	2.528	2.527	165.1266	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-0741) **Description:** **Sample Barcode** 25-0741 **Vial Number:** 33
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 2:24:54 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\033F3301.D



Name FID1A

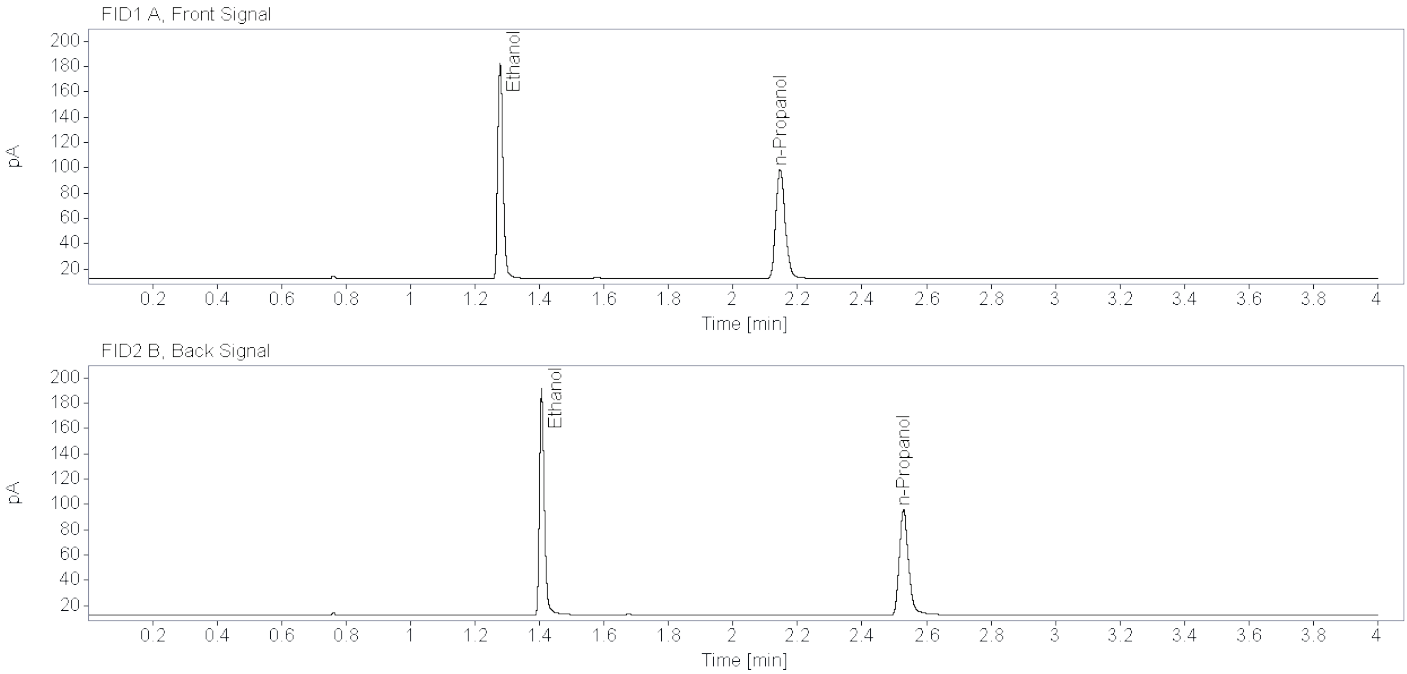
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77153	1.279	1.277	78.7172	0.0793
n-Propanol	0.80423	2.146	2.145	179.0846	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75377	1.408	1.404	77.4478	0.0790
n-Propanol	0.78729	2.530	2.527	170.1855	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (25-0752) **Description:** **Sample Barcode** 25-0752 **Vial Number:** 44
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 3:21:37 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\044F4401.D



Name FID1A

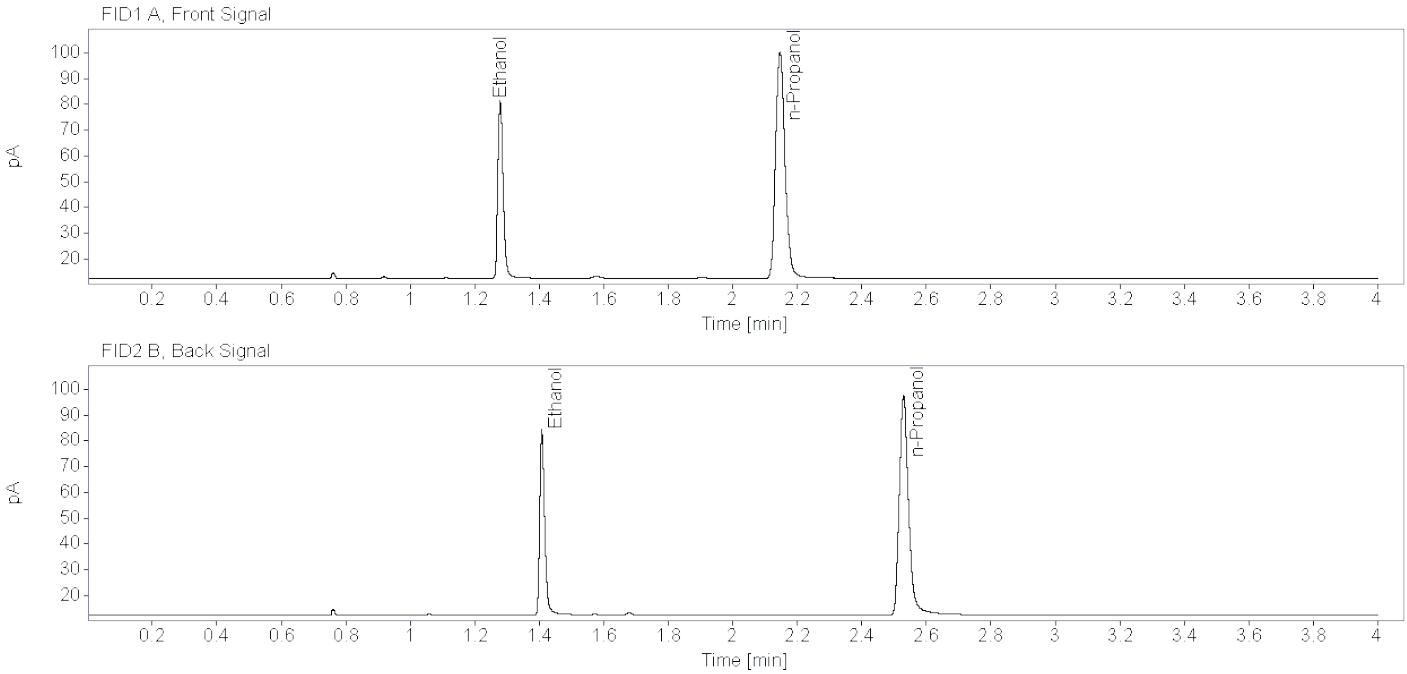
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78438	1.278	1.277	191.0880	0.1981
n-Propanol	0.80325	2.146	2.145	172.9453	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75545	1.407	1.404	188.0628	0.1973
n-Propanol	0.79832	2.529	2.527	163.9885	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-0763) **Description:** **Sample Barcode** 25-0763 **Vial Number:** 55
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 4:19:18 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\055F5501.D



Name FID1A

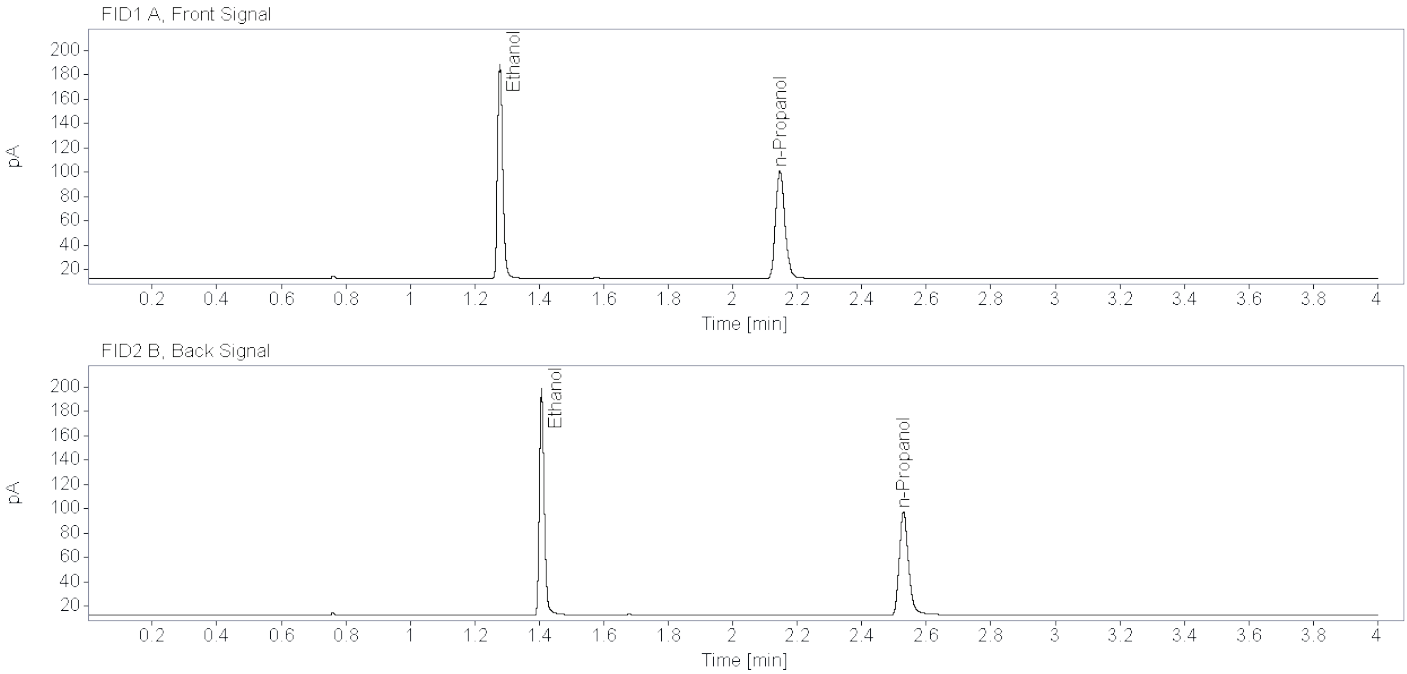
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76734	1.279	1.277	77.6010	0.0795
n-Propanol	0.80139	2.146	2.145	176.1489	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75683	1.408	1.404	76.5181	0.0794
n-Propanol	0.79414	2.530	2.527	167.2554	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (25-0774) **Description:** **Sample Barcode** 25-0774 **Vial Number:** 66
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 5:16:01 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\066F6601.D



Name FID1A

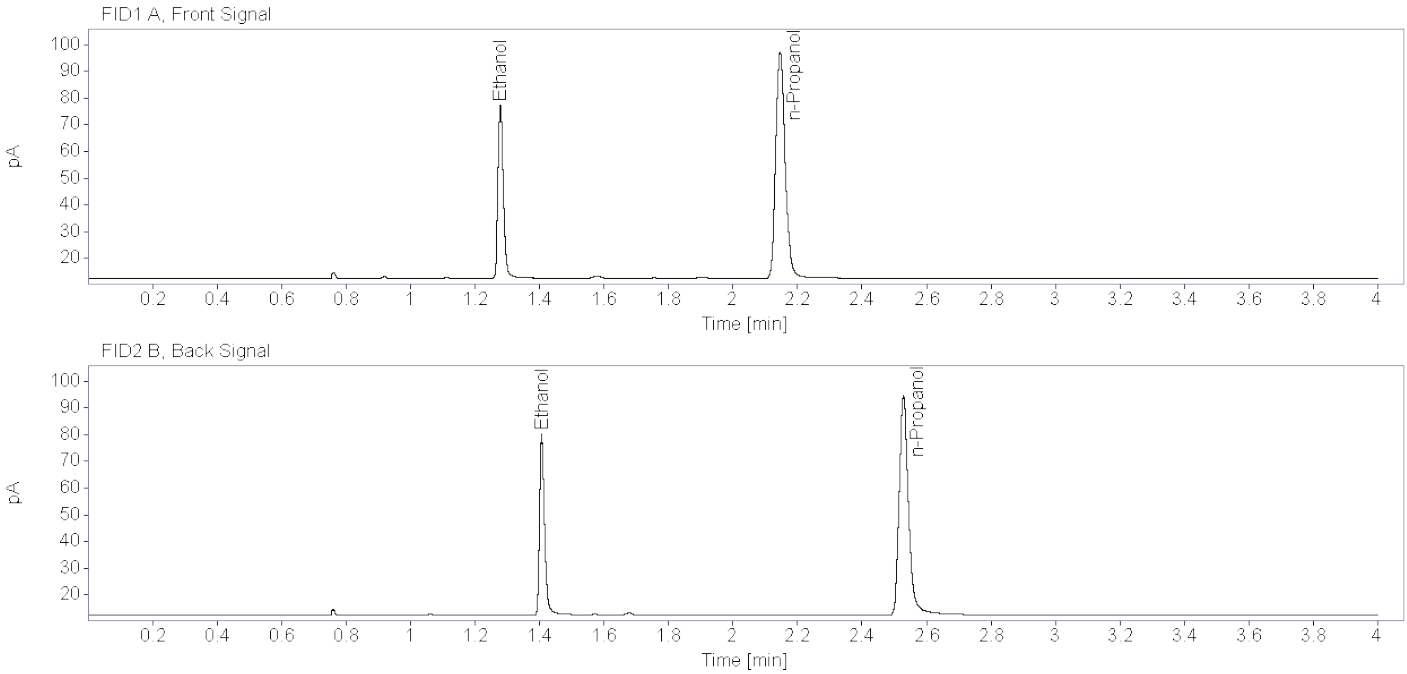
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79137	1.278	1.277	196.1015	0.1987
n-Propanol	0.80204	2.146	2.145	176.9841	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78451	1.407	1.404	194.8330	0.1996
n-Propanol	0.79361	2.530	2.527	167.9345	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-0785) **Description:** **Sample Barcode** 25-0785 **Vial Number:** 77
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 6:13:42 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\077F7701.D



Name FID1A

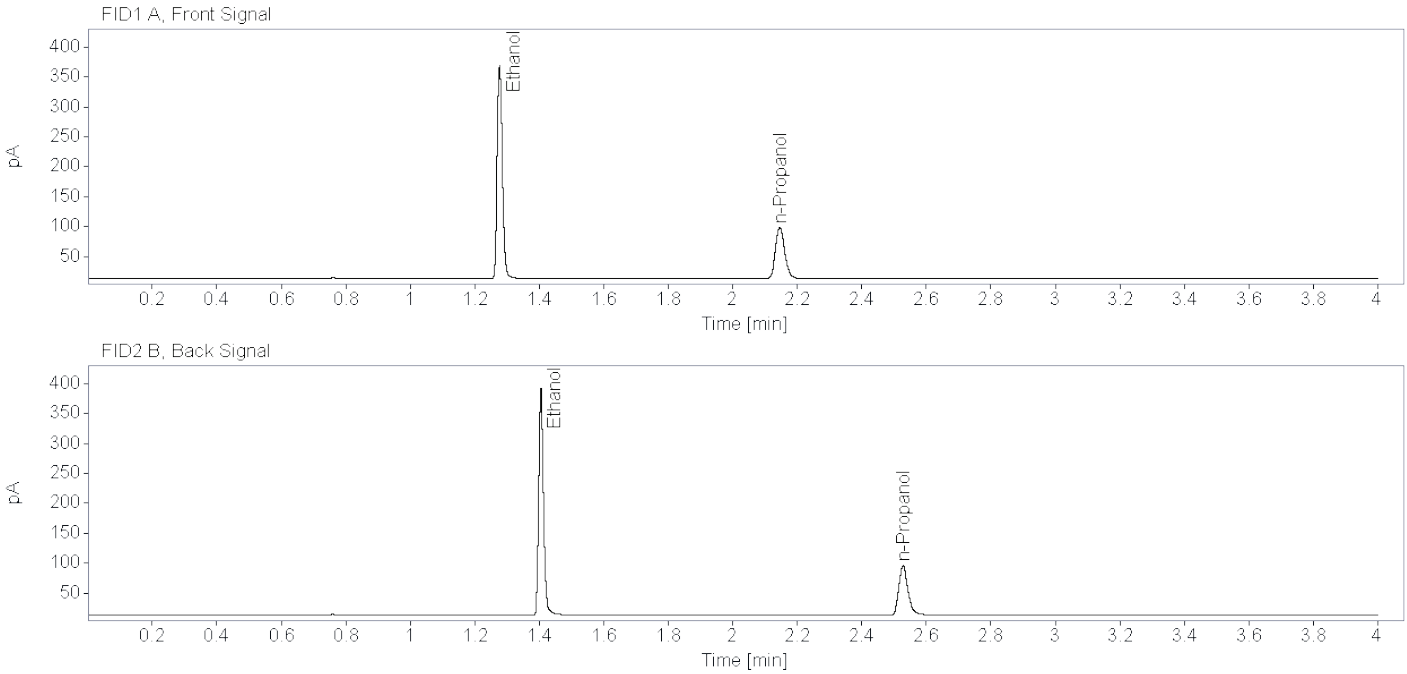
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76677	1.279	1.277	73.7280	0.0782
n-Propanol	0.80223	2.146	2.145	170.1864	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74568	1.407	1.404	72.4546	0.0777
n-Propanol	0.79027	2.528	2.527	161.8966	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (25-0786) **Description:** **Sample Barcode** 25-0786 **Vial Number:** 78
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 6:18:25 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\078F7801.D



Name FID1A

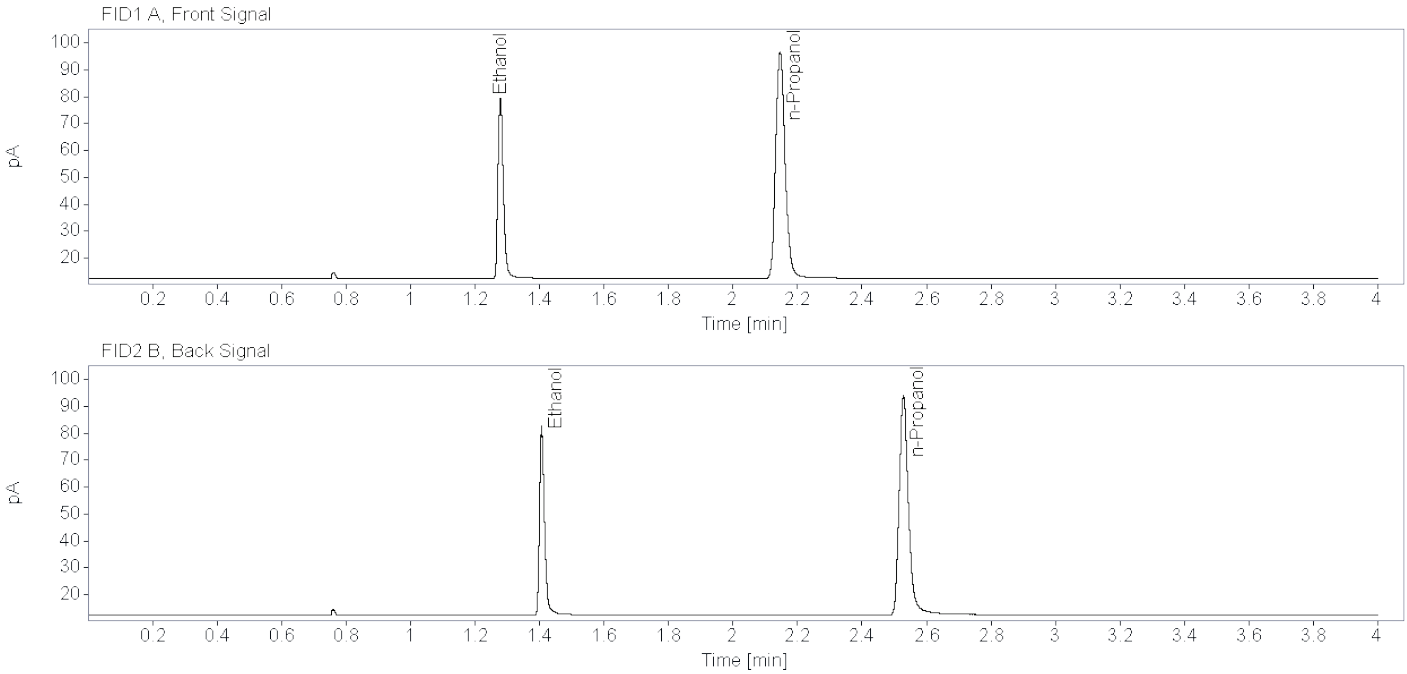
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80661	1.277	1.277	397.8989	0.4115
n-Propanol	0.79929	2.146	2.145	172.9918	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80936	1.405	1.404	395.9531	0.4124
n-Propanol	0.79257	2.528	2.527	164.6480	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (25-0787) **Description:** **Sample Barcode** 25-0787 **Vial Number:** 79
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 6:24:06 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\079F7901.D



Name FID1A

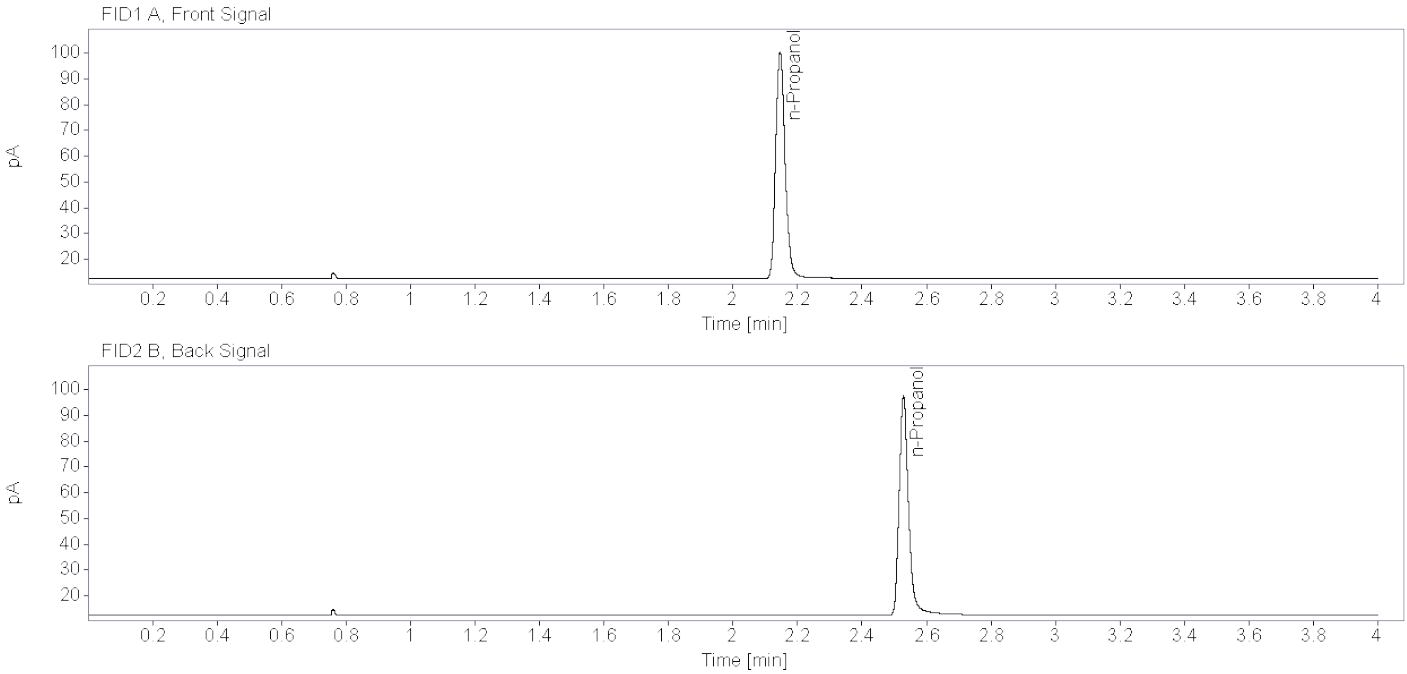
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76012	1.279	1.277	76.1593	0.0813
n-Propanol	0.80330	2.146	2.145	168.8956	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74041	1.407	1.404	74.9416	0.0812
n-Propanol	0.79732	2.528	2.527	160.2078	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: DI Water (25-0788) **Description:** **Sample Barcode** 25-0788 **Vial Number:** 80
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 6:28:49 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\080F8001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80509	2.146	2.145	176.5203	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.79562	2.528	2.527	168.2104	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0733 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2348	Aliquot 1:	0.2345
	Aliquot 2:	0.2303	Aliquot 2:	0.2299

Reported Result: 0.232 g/100 mL

Reported UM: 0.038 g/100 mL

Comments:

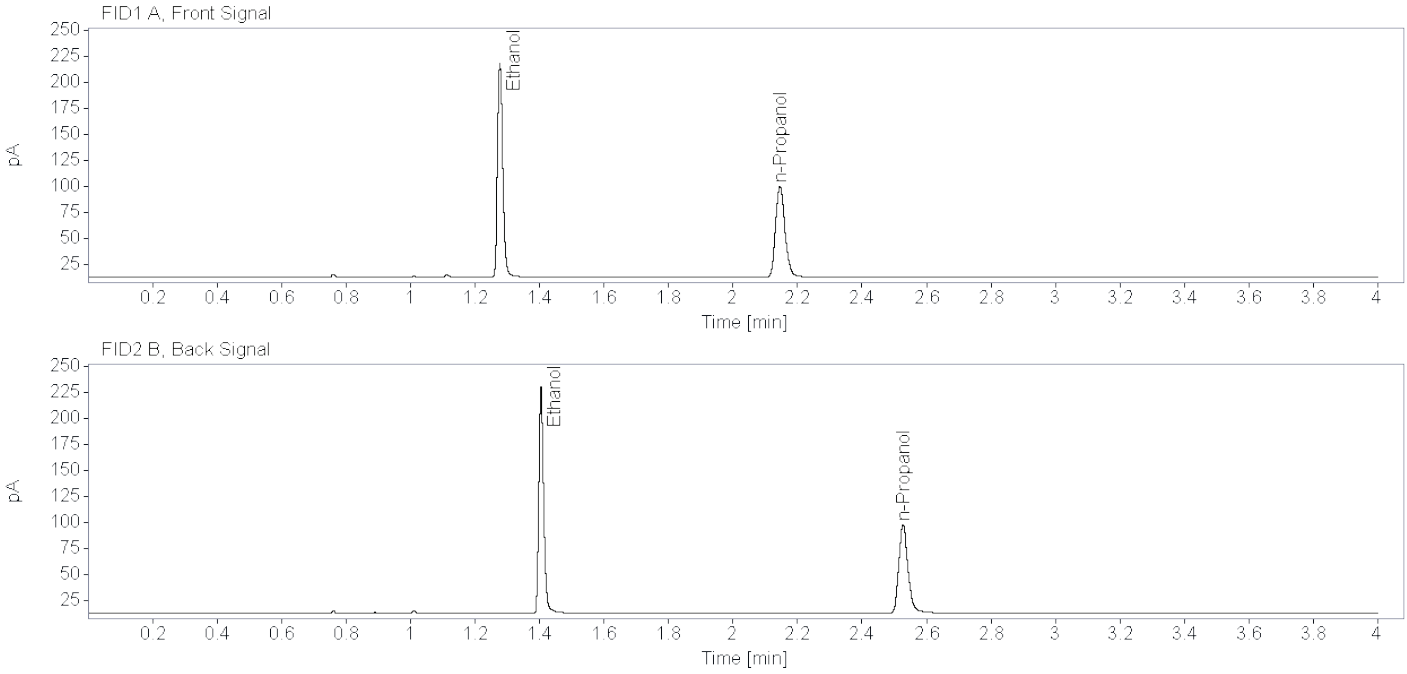
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0733 001_001 (25-0720) **Description:** Alq 1 **Sample Barcode** 25-0720 **Vial Number:** 12

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 12:35:13 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\012F1201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78825	1.277	1.277	230.6588	0.2348
n-Propanol	0.80615	2.145	2.145	176.0118	0.0100

Name FID2B

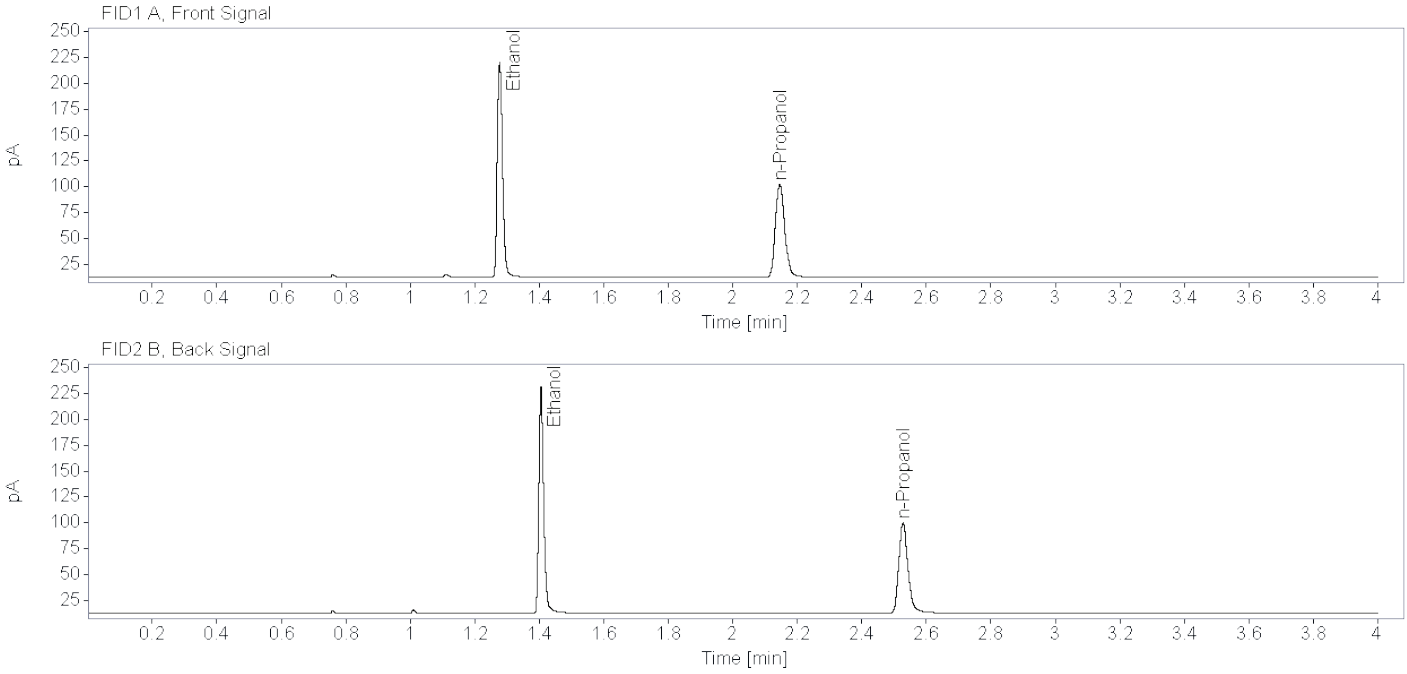
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77840	1.405	1.404	229.1714	0.2345
n-Propanol	0.80331	2.527	2.527	167.9765	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0733 001_001 (25-0784) **Description:** Alq 2 **Sample Barcode** 25-0784 **Vial Number:** 76

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 6:08:01 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\076F7601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79647	1.277	1.277	232.9167	0.2303
n-Propanol	0.81700	2.146	2.145	181.2675	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76478	1.406	1.404	230.7708	0.2299
n-Propanol	0.79729	2.528	2.527	172.5699	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0734 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1102	Aliquot 1:	0.1104
	Aliquot 2:	0.1107	Aliquot 2:	0.1103

Reported Result: **0.110** **g/100 mL**

Reported UM: **0.018** **g/100 mL**

Comments:

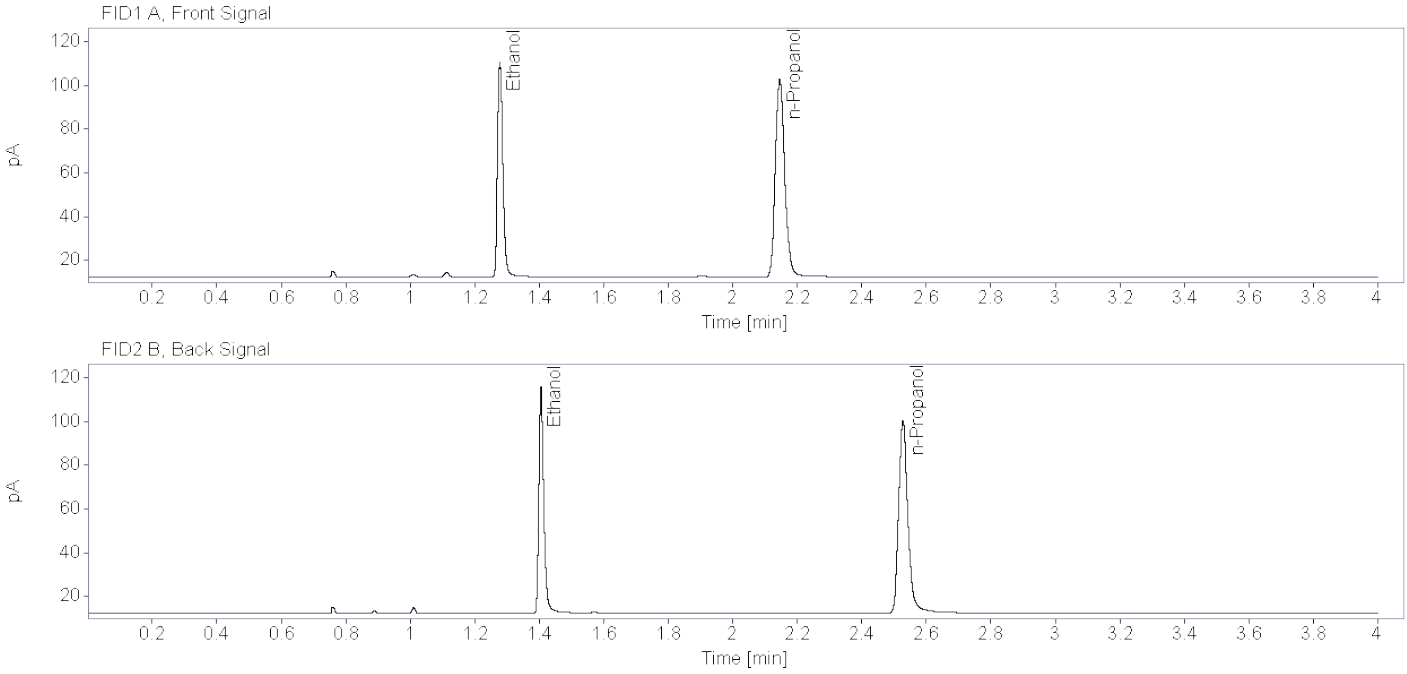
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0734 001_001 (25-0721) **Description:** Alq 1 **Sample Barcode** 25-0721 **Vial Number:** 13

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 12:40:54 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\013F1301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76806	1.278	1.277	111.2878	0.1102
n-Propanol	0.82321	2.146	2.145	181.7571	0.0100

Name FID2B

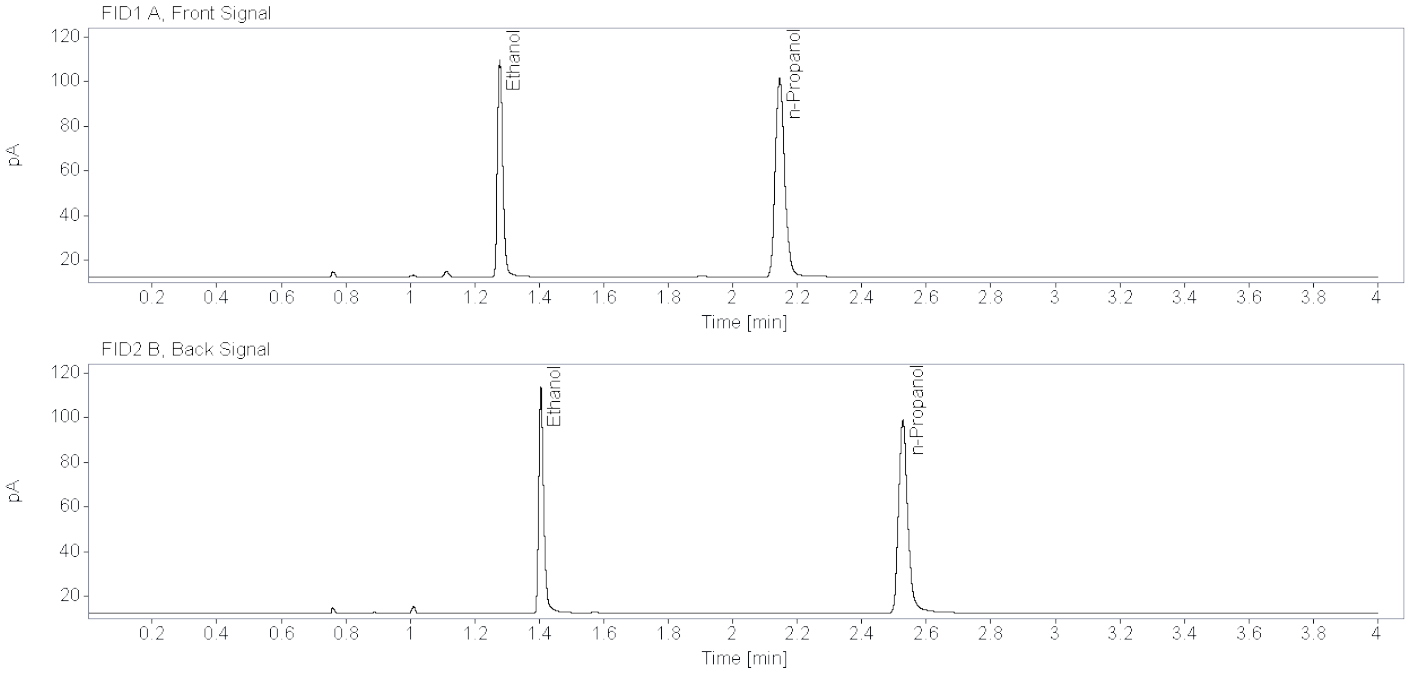
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74560	1.406	1.404	110.4020	0.1104
n-Propanol	0.80304	2.528	2.527	172.8603	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0734 001_001 (25-0783) **Description:** Alq 2 **Sample Barcode** 25-0783 **Vial Number:** 75

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 6:03:18 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\075F7501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76227	1.278	1.277	109.8601	0.1107
n-Propanol	0.81608	2.145	2.145	178.4994	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73079	1.405	1.404	108.3269	0.1103
n-Propanol	0.79315	2.527	2.527	169.8188	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0737 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2834	Aliquot 1:	0.2839
	Aliquot 2:	0.2688	Aliquot 2:	0.2691

Reported Result: **0.276** **g/100 mL**

Reported UM: **0.045** **g/100 mL**

Comments:

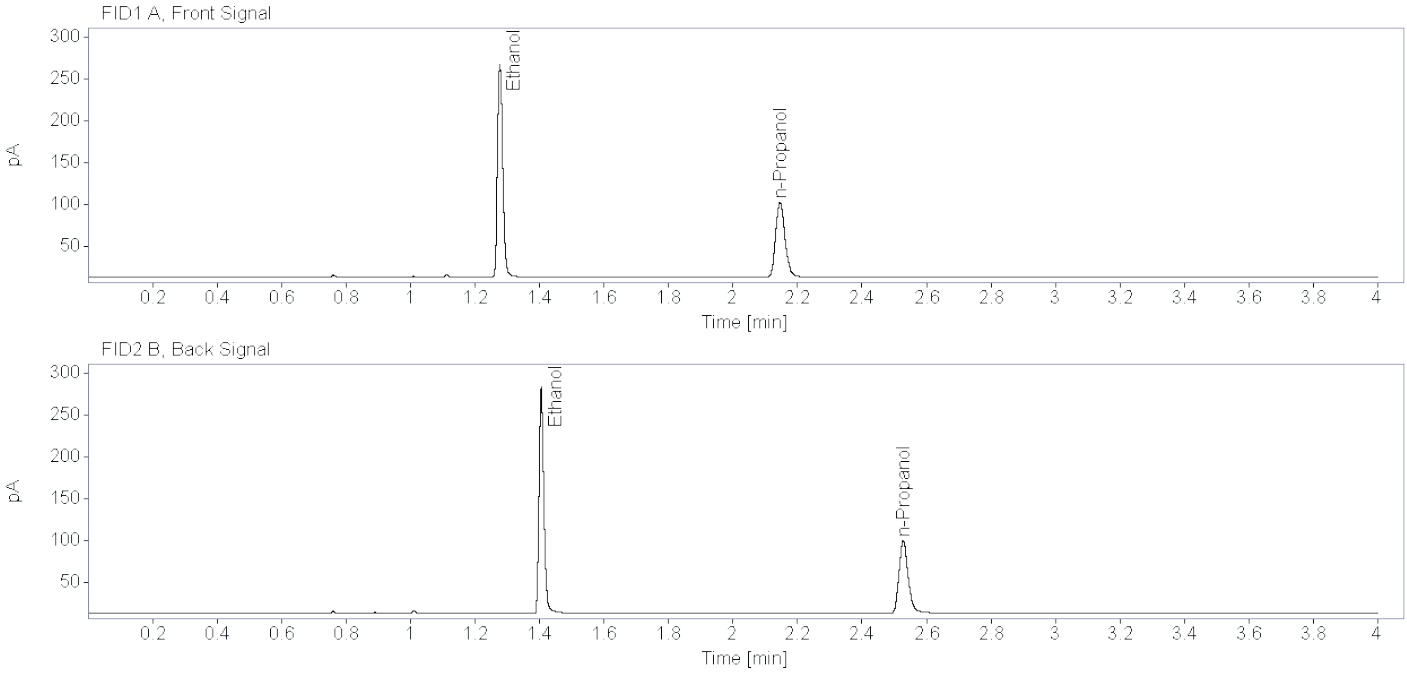
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0737 001_001 (25-0722) **Description:** Alq 1 **Sample Barcode** 25-0722 **Vial Number:** 14

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 12:45:37 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\014F1401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79784	1.277	1.277	285.7639	0.2834
n-Propanol	0.80844	2.146	2.145	180.5774	0.0100

Name FID2B

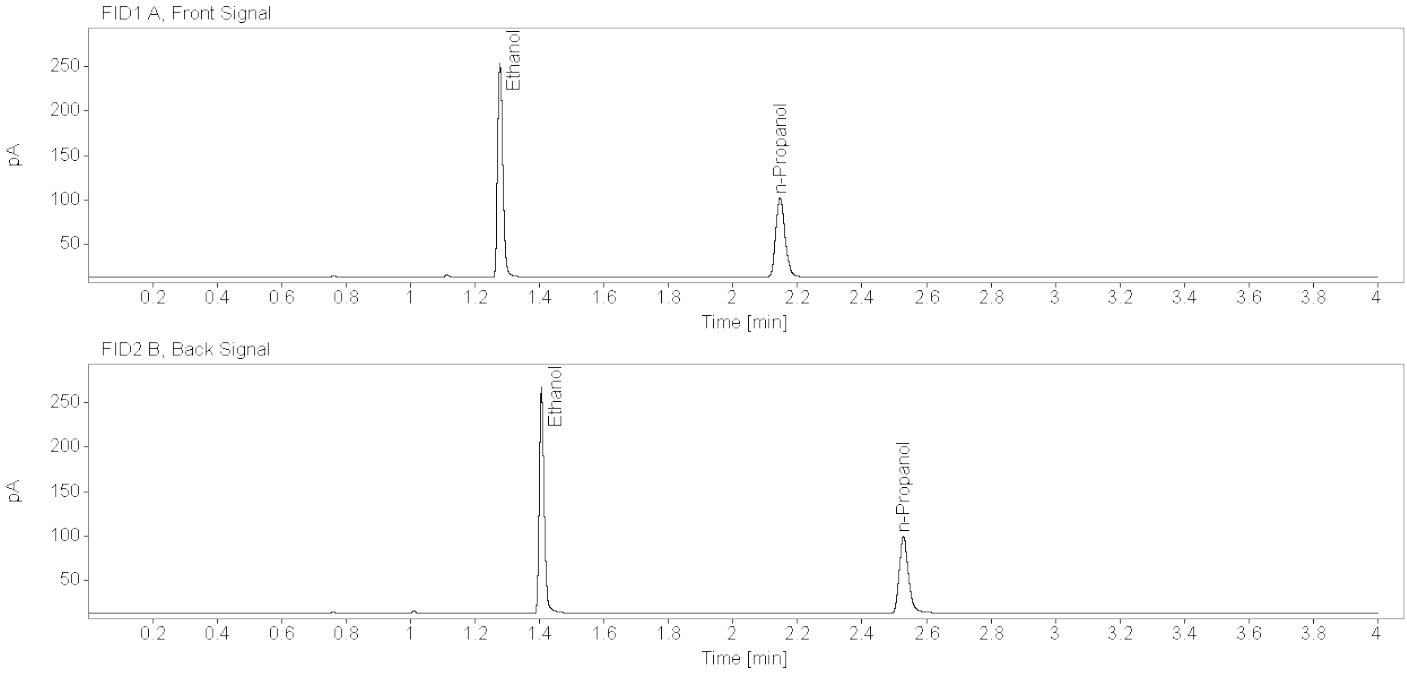
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78382	1.405	1.404	283.7086	0.2839
n-Propanol	0.80088	2.528	2.527	171.5659	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0737 001_001 (25-0782) **Description:** Alq 2 **Sample Barcode** 25-0782 **Vial Number:** 74

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 5:57:36 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\074F7401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79243	1.278	1.277	269.2754	0.2688
n-Propanol	0.80531	2.146	2.145	179.4094	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78251	1.406	1.404	267.2732	0.2691
n-Propanol	0.79607	2.529	2.527	170.5531	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0745 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2639	Aliquot 1:	0.2631
	Aliquot 2:	0.2474	Aliquot 2:	0.2464

Reported Result: **0.255** **g/100 mL**

Reported UM: **0.041** **g/100 mL**

Comments:

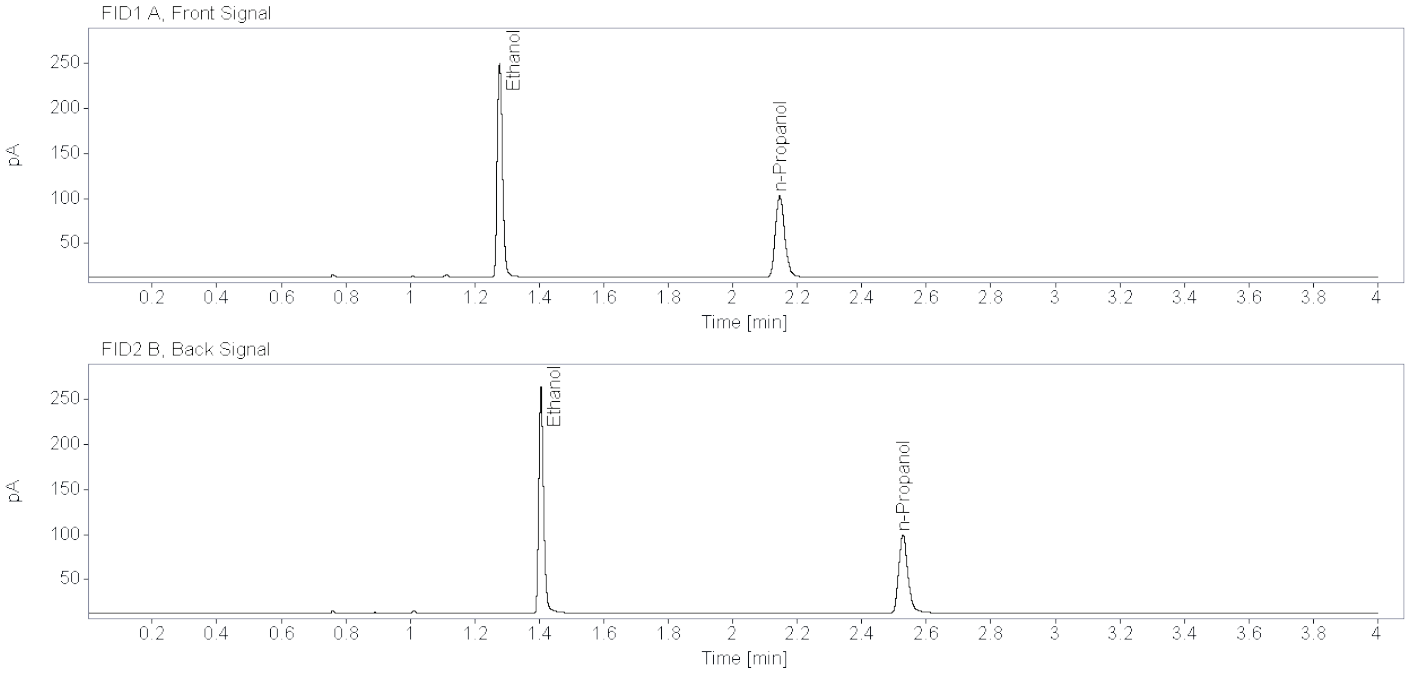
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0745 001_001 (25-0723) **Description:** Alq 1 **Sample Barcode** 25-0723 **Vial Number:** 15

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 12:51:18 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\015F1501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80362	1.277	1.277	266.7328	0.2639
n-Propanol	0.81167	2.146	2.145	181.0468	0.0100

Name FID2B

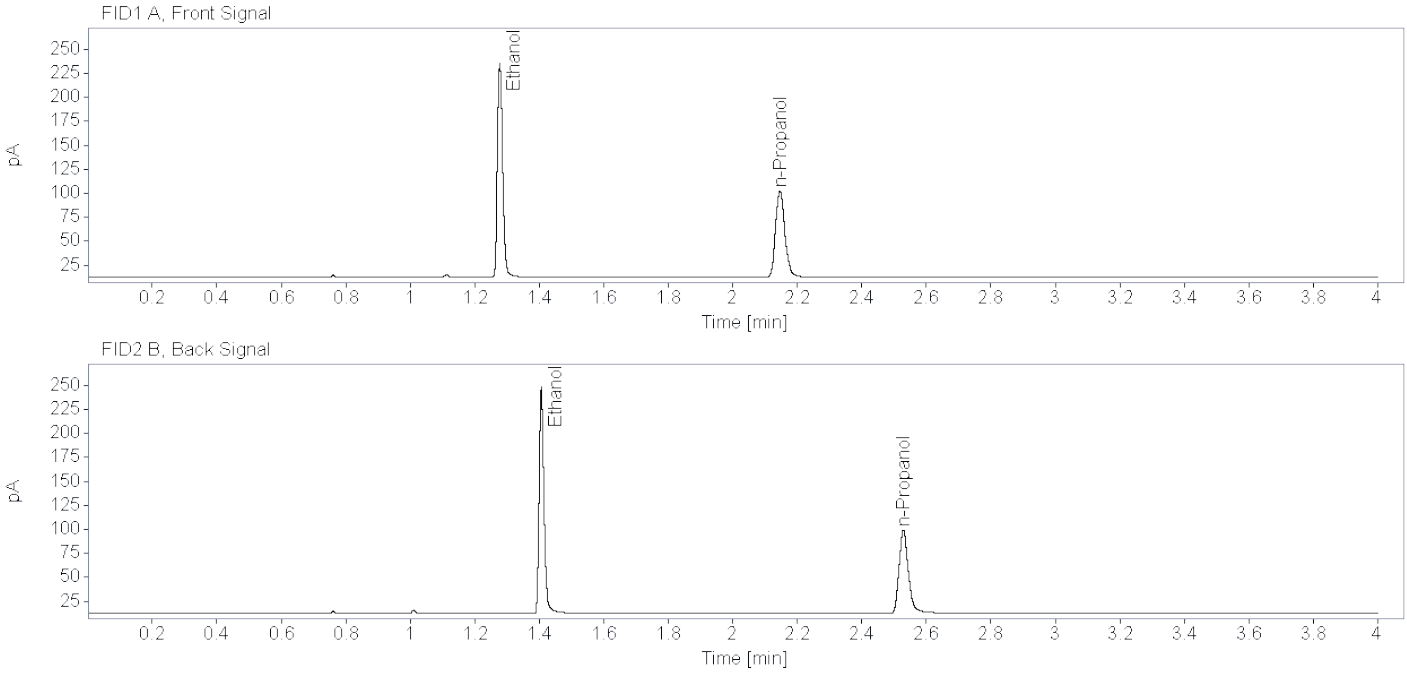
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77279	1.405	1.404	263.5889	0.2631
n-Propanol	0.80192	2.528	2.527	172.0641	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0745 001_001 (25-0781) **Description:** Alq 2 **Sample Barcode** 25-0781 **Vial Number:** 73

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 5:52:54 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\073F7301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78963	1.278	1.277	248.8664	0.2474
n-Propanol	0.80496	2.146	2.145	180.2120	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77081	1.407	1.404	246.5821	0.2464
n-Propanol	0.79566	2.529	2.527	171.9716	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0746 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0945	Aliquot 1:	0.0946
	Aliquot 2:	0.0954	Aliquot 2:	0.0952

Reported Result: **0.094** **g/100 mL**

Reported UM: **0.015** **g/100 mL**

Comments:

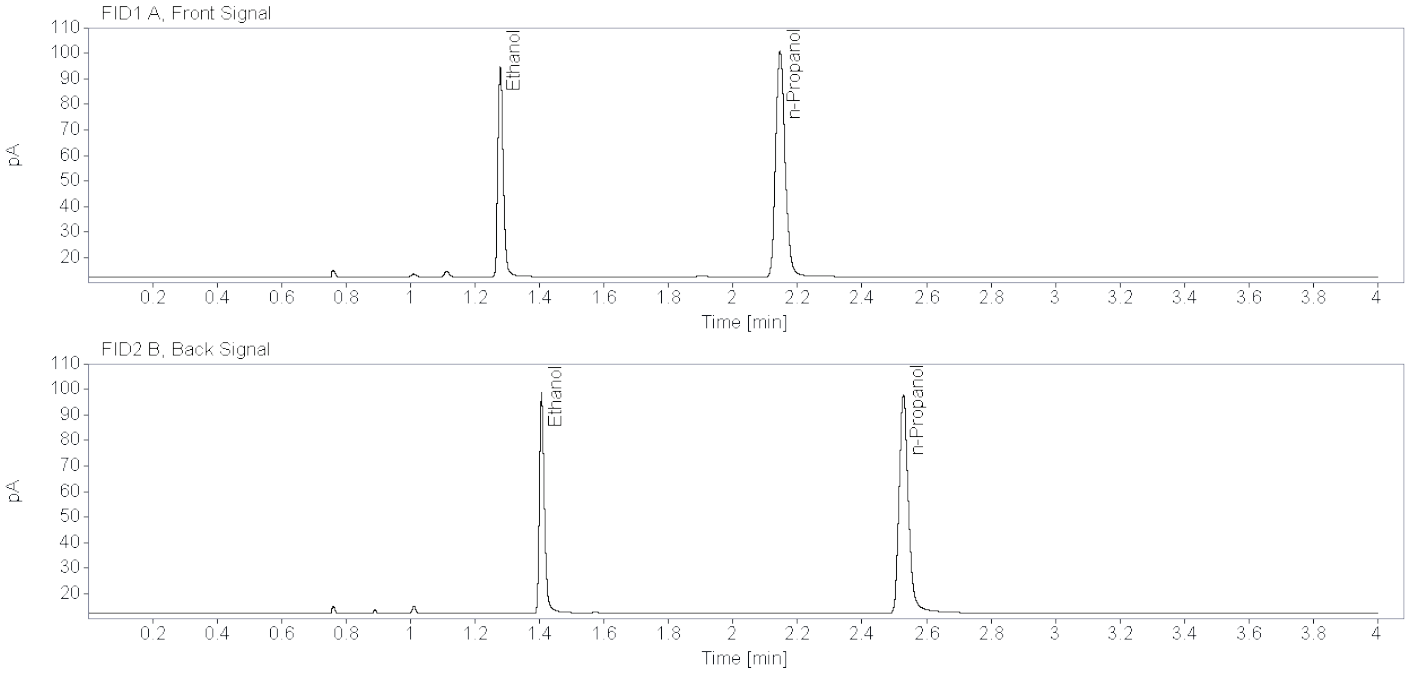
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0746 001_001 (25-0724) **Description:** Alq 1 **Sample Barcode** 25-0724 **Vial Number:** 16

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 12:56:01 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\016F1601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77287	1.279	1.277	93.0720	0.0945
n-Propanol	0.80782	2.146	2.145	177.3716	0.0100

Name FID2B

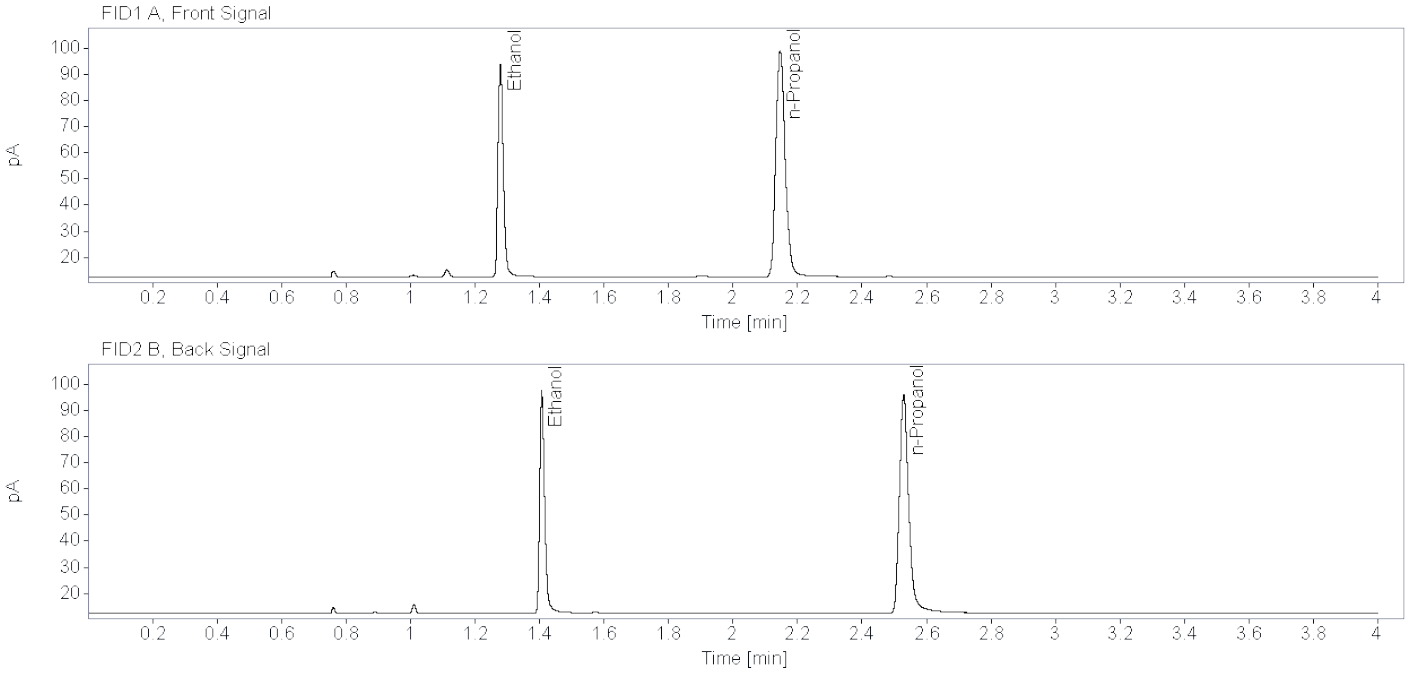
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74132	1.407	1.404	91.8987	0.0946
n-Propanol	0.80041	2.528	2.527	168.2917	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0746 001_001 (25-0780) **Description:** Alq 2 **Sample Barcode** 25-0780 **Vial Number:** 72

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 5:47:13 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\072F7201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77190	1.279	1.277	91.8131	0.0954
n-Propanol	0.80622	2.146	2.145	173.3897	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75742	1.407	1.404	90.6438	0.0952
n-Propanol	0.78698	2.529	2.527	164.9021	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0747 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1940	Aliquot 1:	0.1943
	Aliquot 2:	0.1922	Aliquot 2:	0.1921

Reported Result: **0.193** **g/100 mL**

Reported UM: **0.031** **g/100 mL**

Comments:

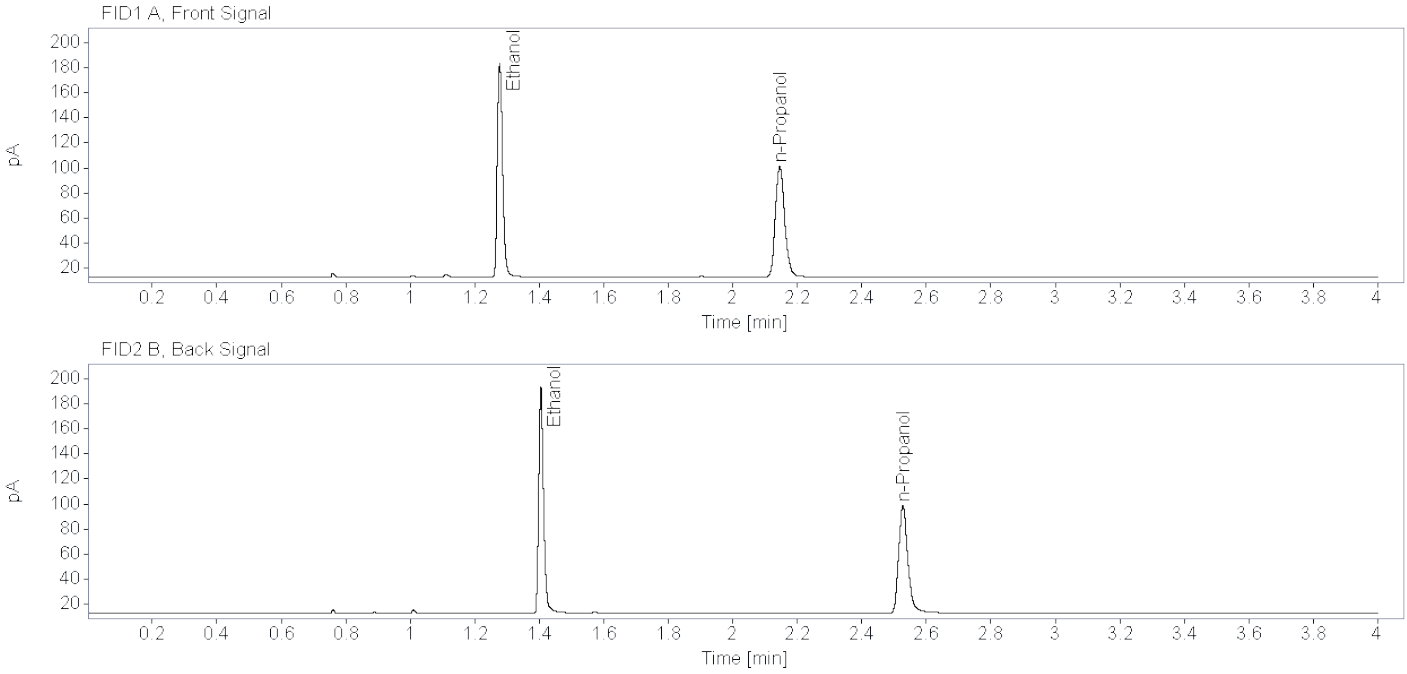
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0747 001_001 (25-0725) **Description:** Alq 1 **Sample Barcode** 25-0725 **Vial Number:** 17

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 1:01:42 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\017F1701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79268	1.278	1.277	192.7166	0.1940
n-Propanol	0.82004	2.146	2.145	178.0934	0.0100

Name FID2B

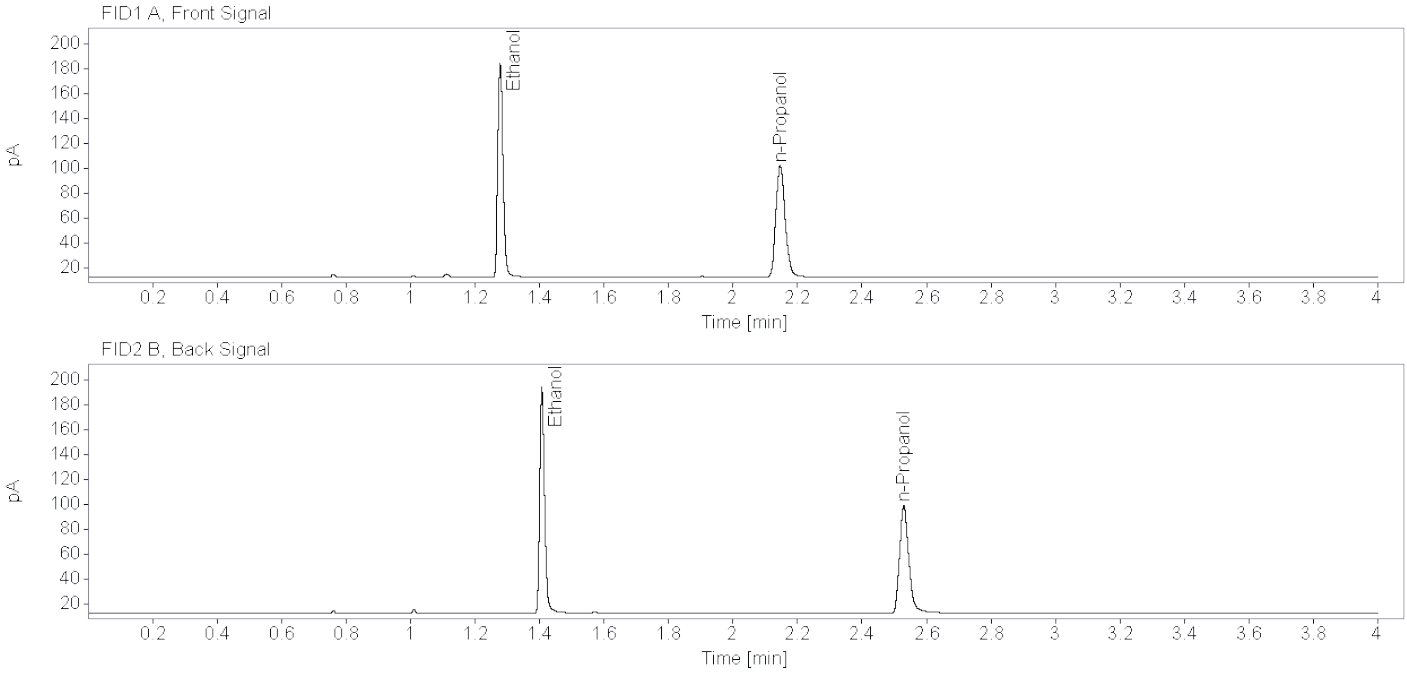
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76535	1.405	1.404	190.9573	0.1943
n-Propanol	0.79606	2.528	2.527	169.1242	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0747 001_001 (25-0779) **Description:** Alq 2 **Sample Barcode** 25-0779 **Vial Number:** 71

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 5:42:30 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\071F7101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79412	1.278	1.277	191.8725	0.1922
n-Propanol	0.80654	2.146	2.145	179.0297	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79346	1.408	1.404	189.8883	0.1921
n-Propanol	0.78817	2.530	2.527	170.0465	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0748 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1886	Aliquot 1:	0.1886
	Aliquot 2:	0.1913	Aliquot 2:	0.1913

Reported Result: **0.189** **g/100 mL**

Reported UM: **0.031** **g/100 mL**

Comments:

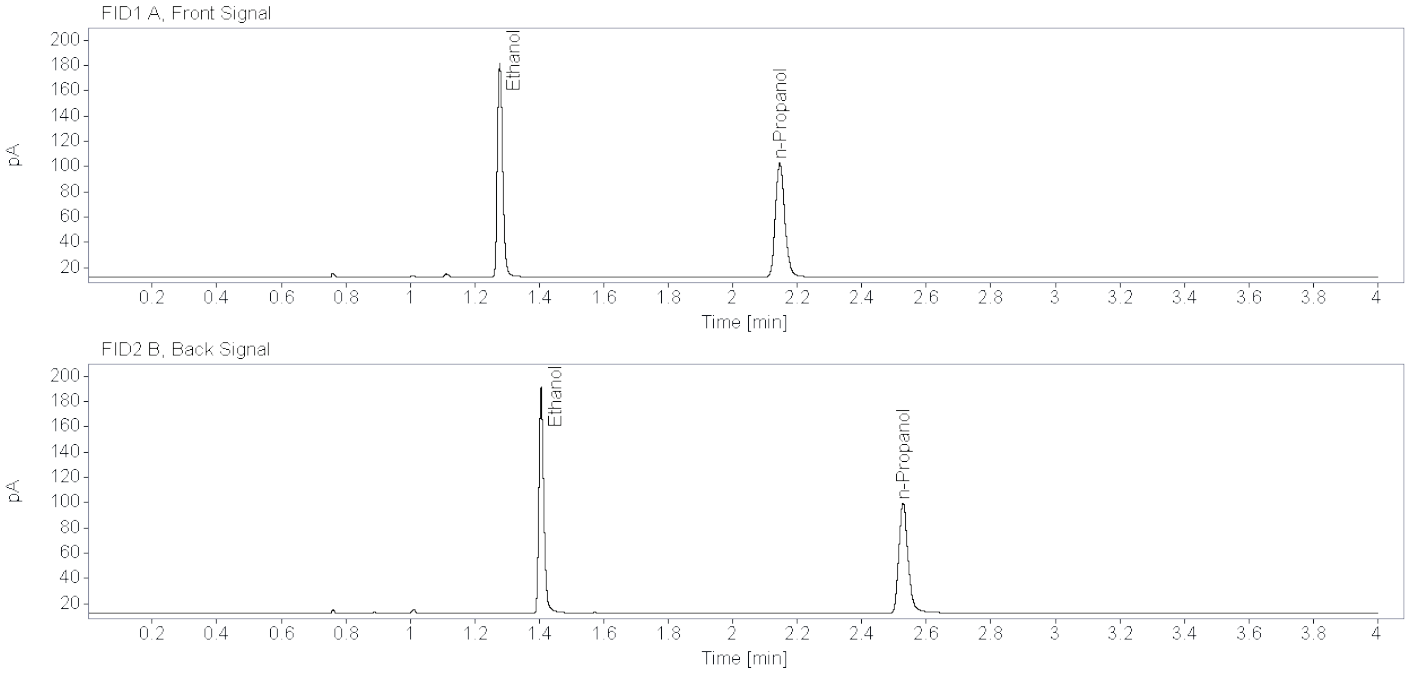
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0748 001_001 (25-0726) **Description:** Alq 1 **Sample Barcode** 25-0726 **Vial Number:** 18

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 1:06:25 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\018F1801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77940	1.278	1.277	190.1372	0.1886
n-Propanol	0.80564	2.146	2.145	180.8238	0.0100

Name FID2B

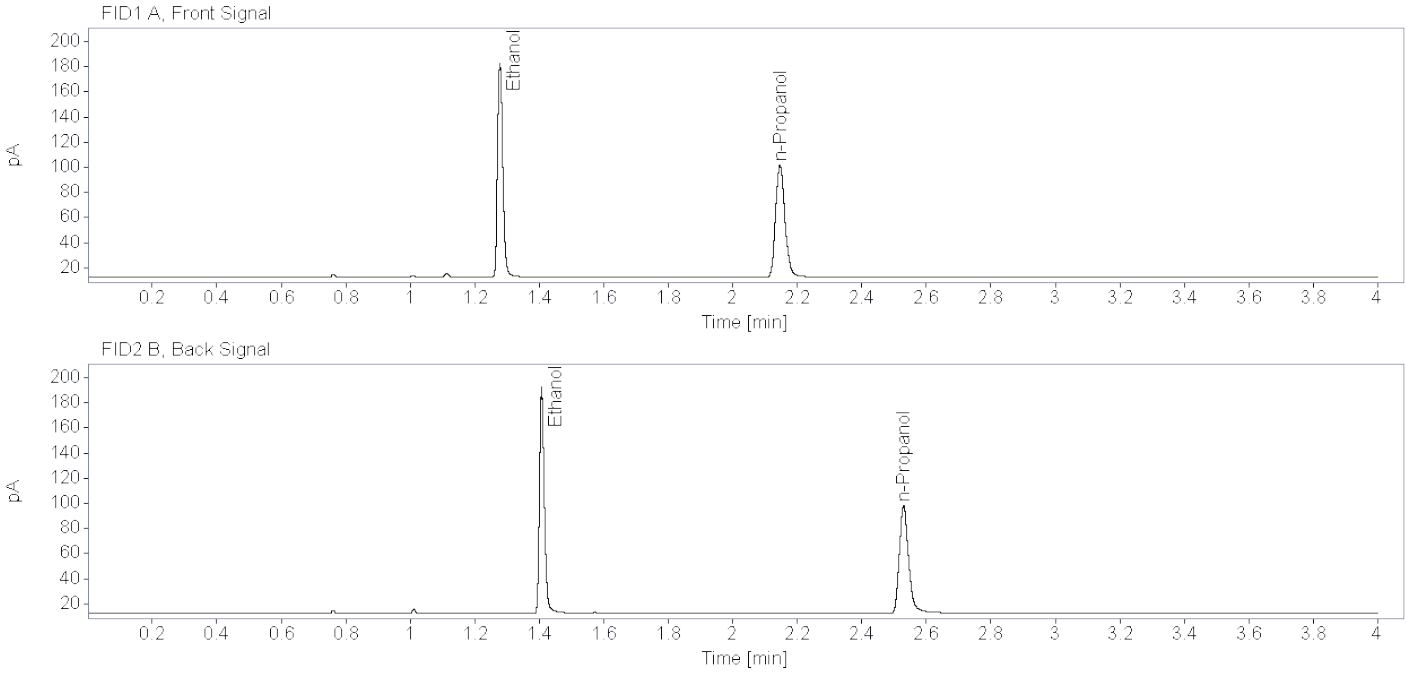
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77014	1.406	1.404	188.9757	0.1886
n-Propanol	0.80600	2.528	2.527	172.3936	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0748 001_001 (25-0778) **Description:** Alq 2 **Sample Barcode** 25-0778 **Vial Number:** 70

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 5:36:49 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\070F7001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79337	1.278	1.277	190.3408	0.1913
n-Propanol	0.80054	2.146	2.145	178.4523	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78041	1.408	1.404	188.2538	0.1913
n-Propanol	0.78070	2.530	2.527	169.2873	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0749 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1701	Aliquot 1:	0.1702
	Aliquot 2:	0.1671	Aliquot 2:	0.1670

Reported Result: 0.168 g/100 mL

Reported UM: 0.027 g/100 mL

Comments:

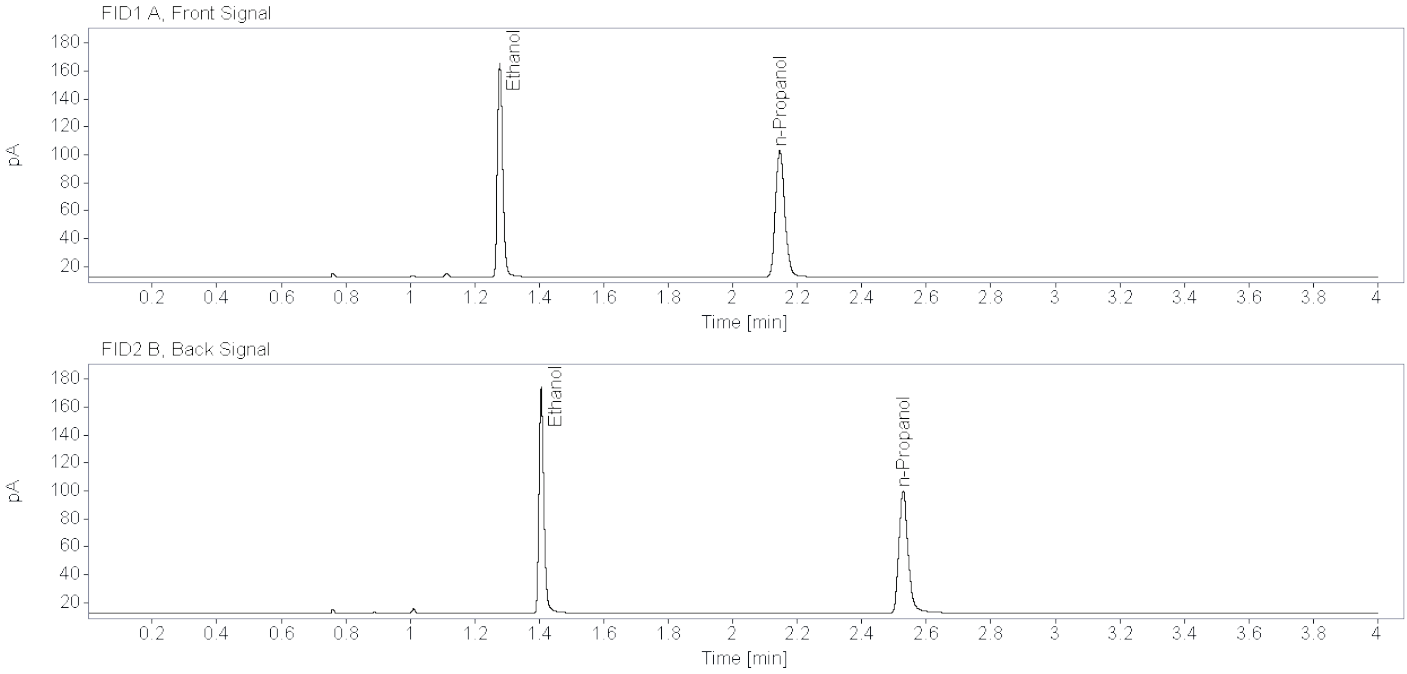
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0749 001_001 (25-0727) **Description:** Alq 1 **Sample Barcode** 25-0727 **Vial Number:** 19

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 1:12:06 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\019F1901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77822	1.278	1.277	171.7754	0.1701
n-Propanol	0.80721	2.146	2.145	181.1970	0.0100

Name FID2B

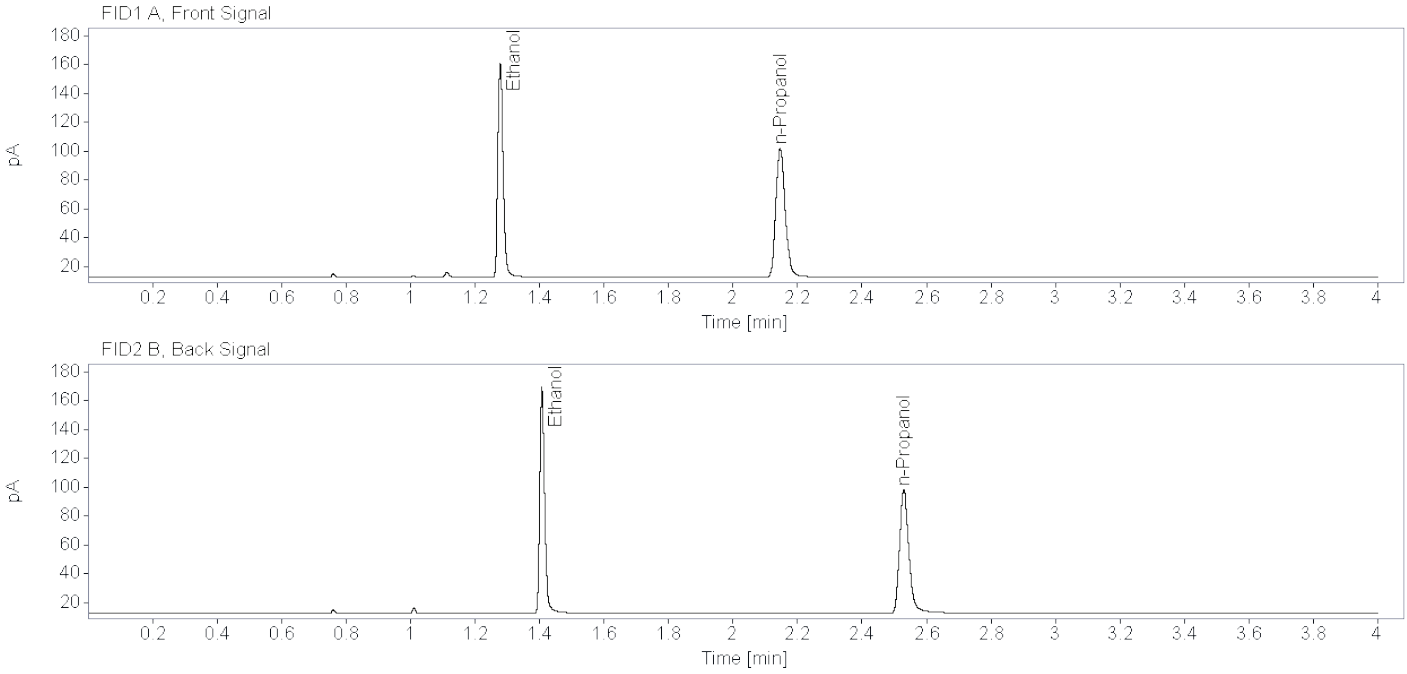
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76862	1.406	1.404	170.9642	0.1702
n-Propanol	0.80607	2.528	2.527	173.0079	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0749 001_001 (25-0777) **Description:** Alq 2 **Sample Barcode** 25-0777 **Vial Number:** 69

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 5:32:06 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\069F6901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78550	1.278	1.277	166.5346	0.1671
n-Propanol	0.80501	2.146	2.145	178.7861	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76239	1.408	1.404	164.6072	0.1670
n-Propanol	0.78880	2.530	2.527	169.7267	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0750 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1497	Aliquot 1:	0.1499
	Aliquot 2:	0.1525	Aliquot 2:	0.1529

Reported Result: **0.151** **g/100 mL**

Reported UM: **0.024** **g/100 mL**

Comments:

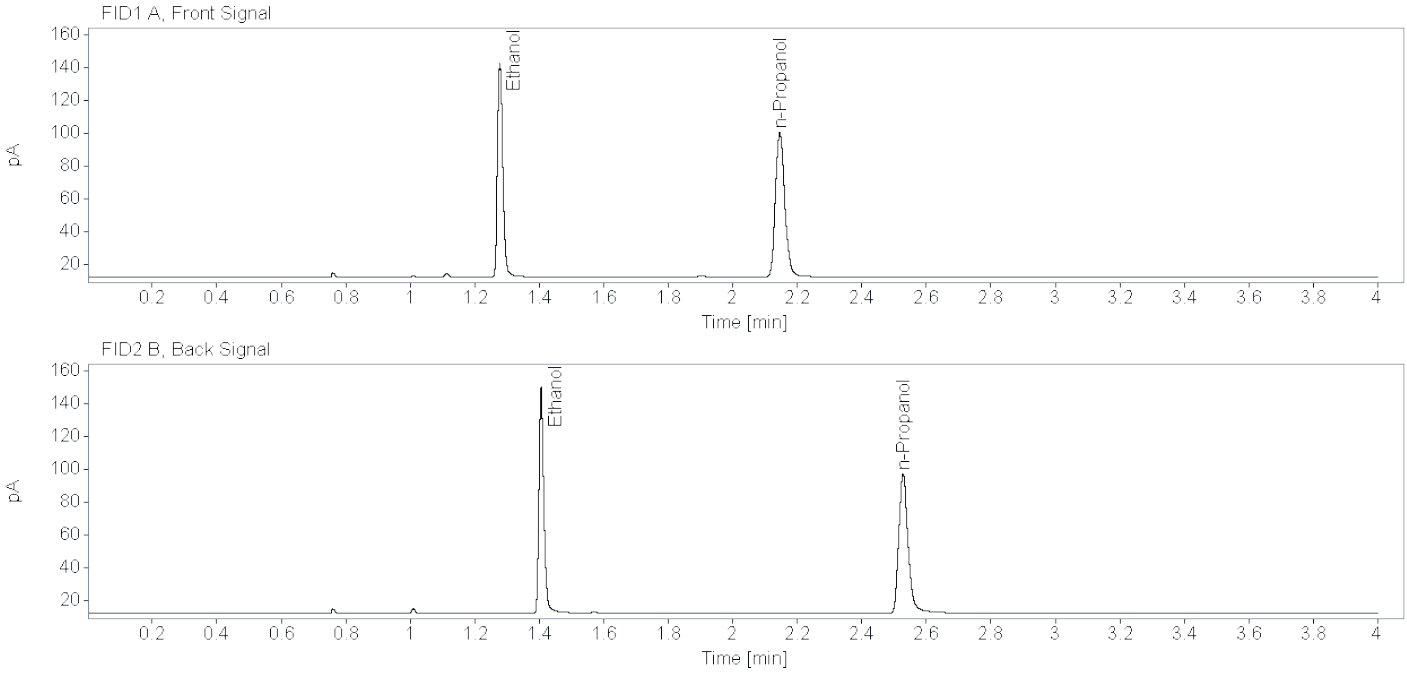
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0750 001_001 (25-0728) **Description:** Alq 1 **Sample Barcode** 25-0728 **Vial Number:** 20

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 1:16:49 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\020F2001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77177	1.278	1.277	147.0470	0.1497
n-Propanol	0.80187	2.146	2.145	176.3838	0.0100

Name FID2B

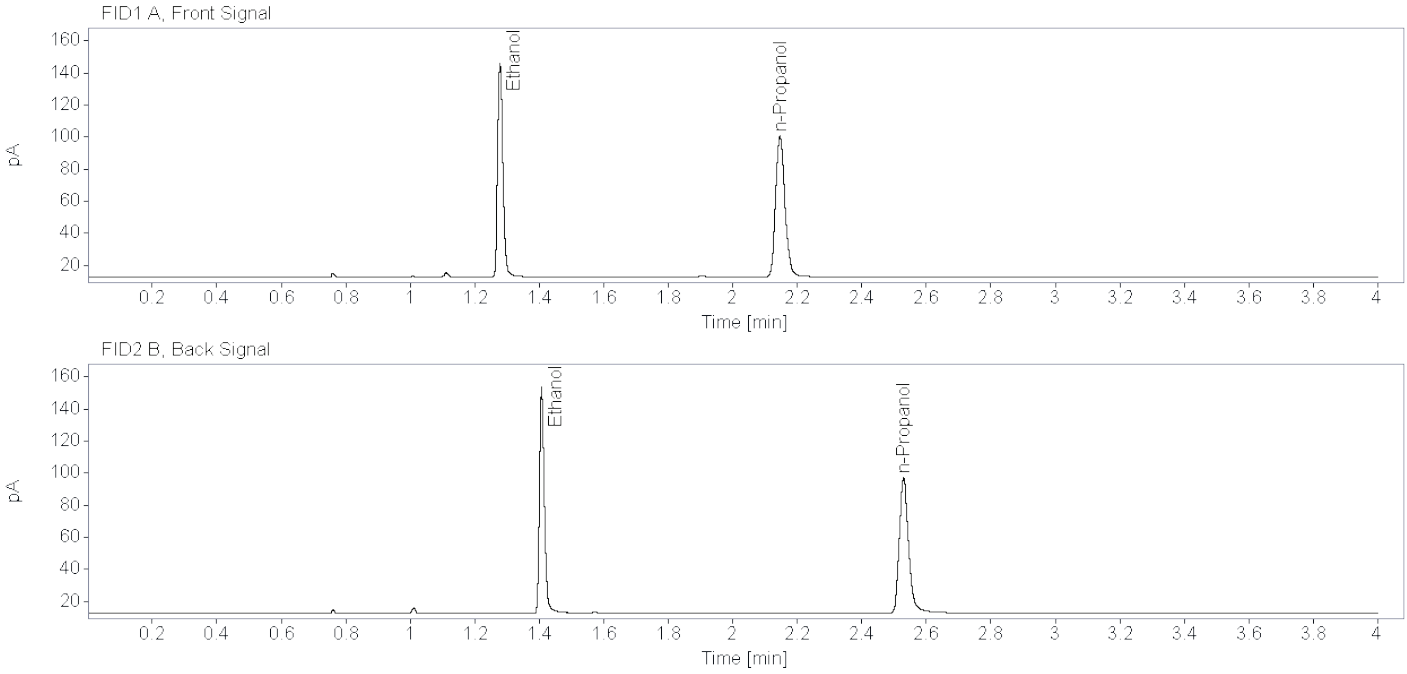
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75961	1.406	1.404	146.1971	0.1499
n-Propanol	0.80358	2.528	2.527	168.1060	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0750 001_001 (25-0776) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 68

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 5:26:25 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\068F6801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77948	1.279	1.277	149.5180	0.1525
n-Propanol	0.80246	2.146	2.145	176.0187	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77586	1.408	1.404	148.2149	0.1529
n-Propanol	0.78441	2.530	2.527	167.1188	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0756 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0042	Aliquot 1:	0.0044
	Aliquot 2:	0.0042	Aliquot 2:	0.0044

Reported Result: **none detected**

Reported UM: _____

Comments:

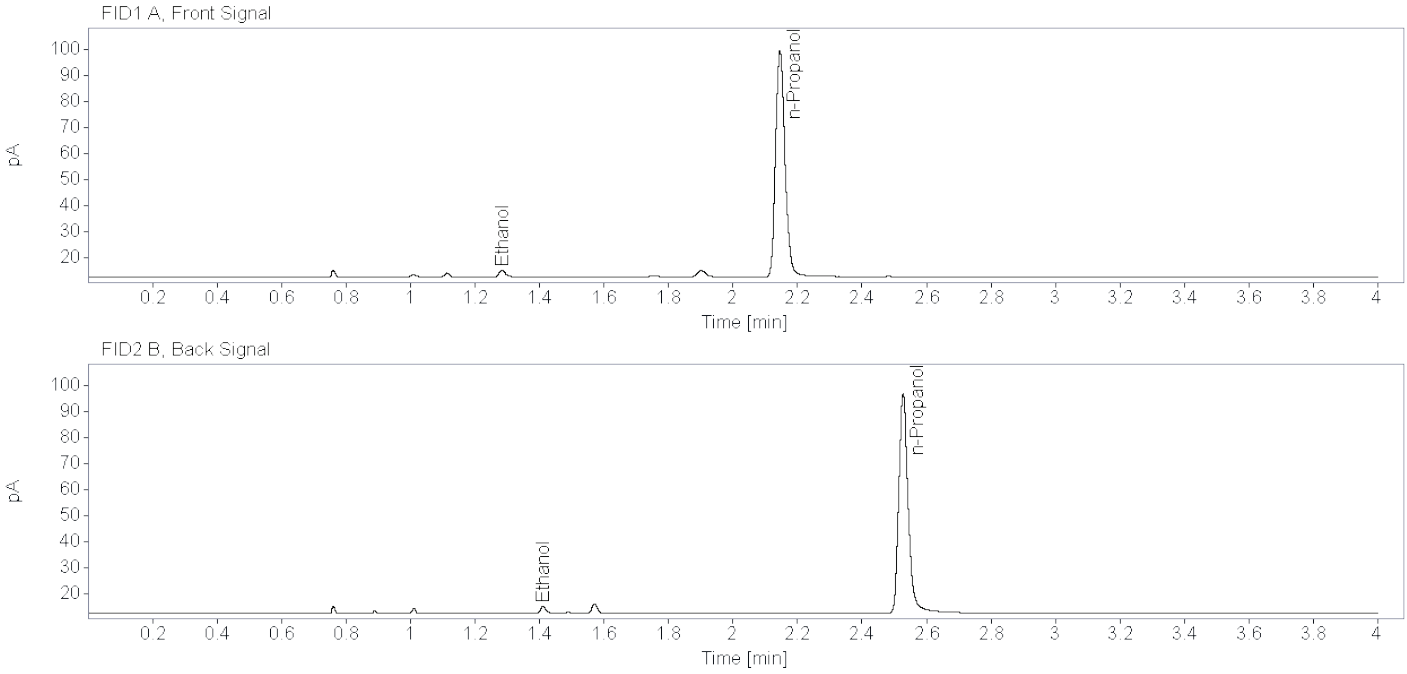
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0756 001_001 (25-0729) **Description:** Alq 1 **Sample Barcode** 25-0729 **Vial Number:** 21

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 1:22:30 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\021F2101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77269	1.283	1.277	3.2966	0.0042
n-Propanol	0.80476	2.145	2.145	175.1000	0.0100

Name FID2B

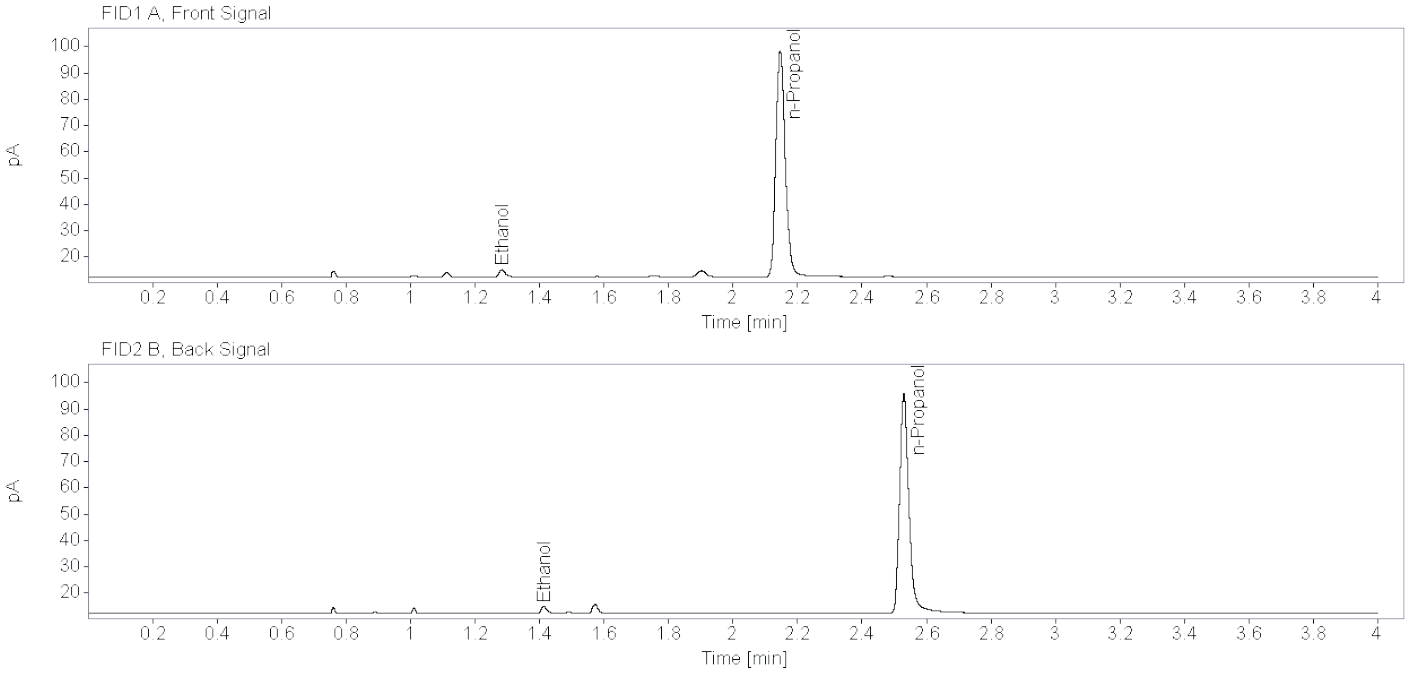
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74444	1.410	1.404	3.1178	0.0044
n-Propanol	0.80347	2.527	2.527	167.7879	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0756 001_001 (25-0775) **Description:** Alq 2 **Sample Barcode** 25-0775 **Vial Number:** 67

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 5:21:42 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\067F6701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80393	1.283	1.277	3.2885	0.0042
n-Propanol	0.80628	2.146	2.145	172.2850	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77300	1.413	1.404	3.0484	0.0044
n-Propanol	0.78457	2.530	2.527	163.2894	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0757 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1403	Aliquot 1:	0.1407
	Aliquot 2:	0.1483	Aliquot 2:	0.1487

Reported Result: **0.144** **g/100 mL**

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

Comments:

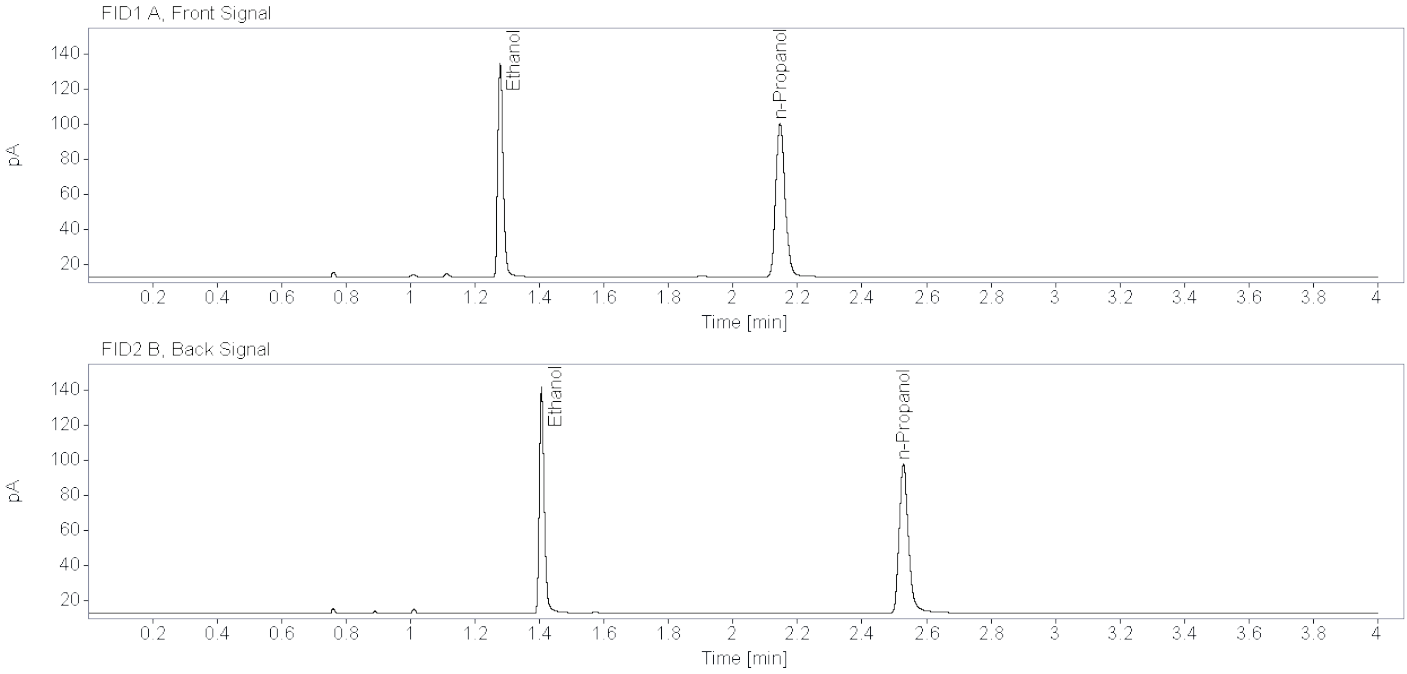
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0757 001_001 (25-0731) **Description:** Alq 1 **Sample Barcode** 25-0731 **Vial Number:** 23

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 1:32:54 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\023F2301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77111	1.278	1.277	138.0380	0.1403
n-Propanol	0.80546	2.146	2.145	176.7390	0.0100

Name FID2B

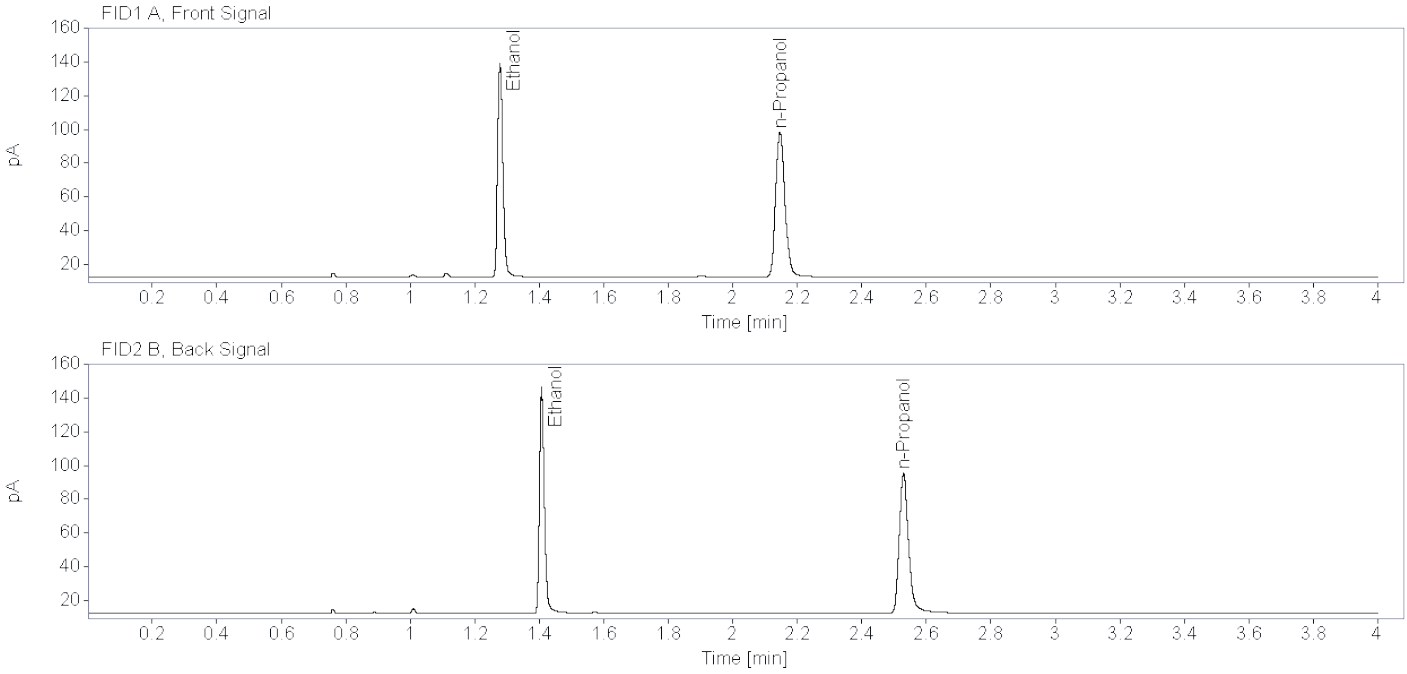
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75762	1.406	1.404	136.9809	0.1407
n-Propanol	0.80430	2.528	2.527	167.9307	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0757 001_001 (25-0773) **Description:** Alq 2 **Sample Barcode** 25-0773 **Vial Number:** 65

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 5:11:18 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\065F6501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78560	1.279	1.277	141.9619	0.1483
n-Propanol	0.80130	2.146	2.145	171.9167	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77455	1.408	1.404	140.6775	0.1487
n-Propanol	0.79501	2.530	2.527	163.1306	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0758 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1066	Aliquot 1:	0.1052
	Aliquot 2:	0.1004	Aliquot 2:	0.0999

Reported Result: **0.103** **g/100 mL**

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

Comments:

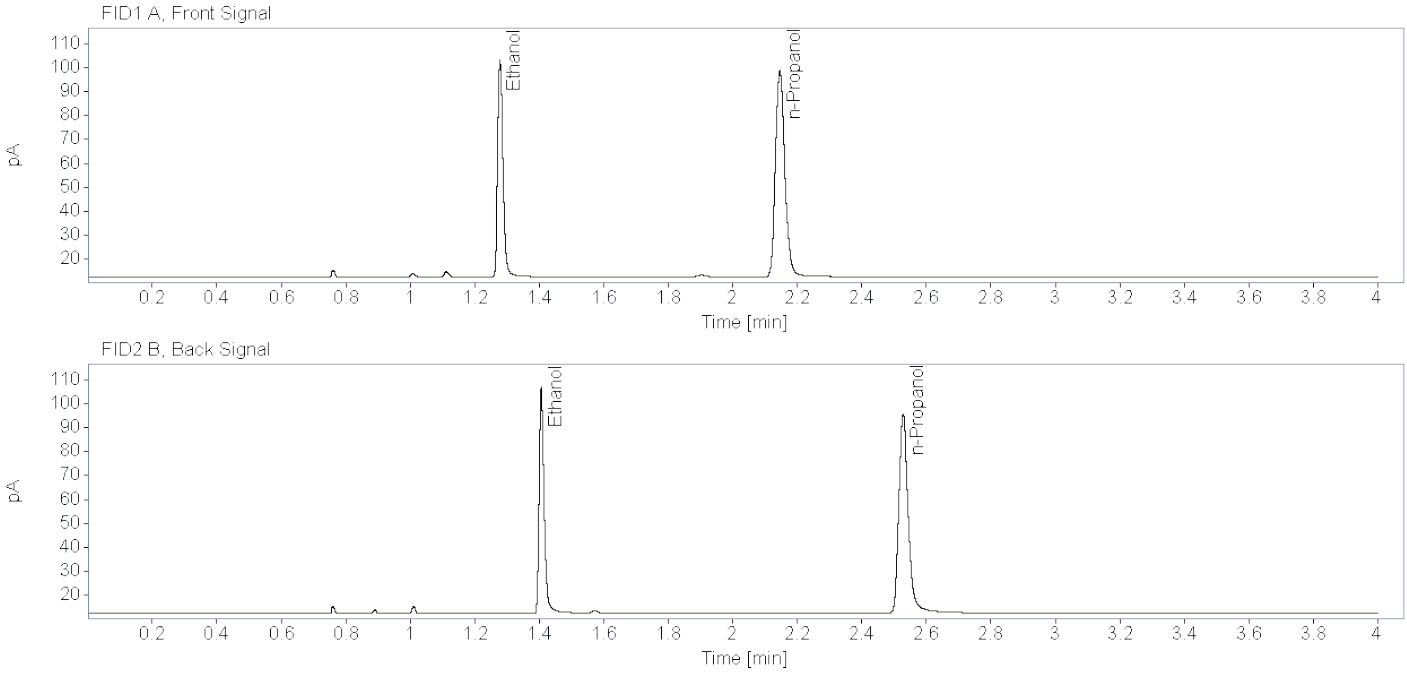
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0758 001_001 (25-0732) **Description:** Alq 1 **Sample Barcode** 25-0732 **Vial Number:** 24

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 1:37:37 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\024F2401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76253	1.279	1.277	102.4116	0.1066
n-Propanol	0.80200	2.146	2.145	172.9091	0.0100

Name FID2B

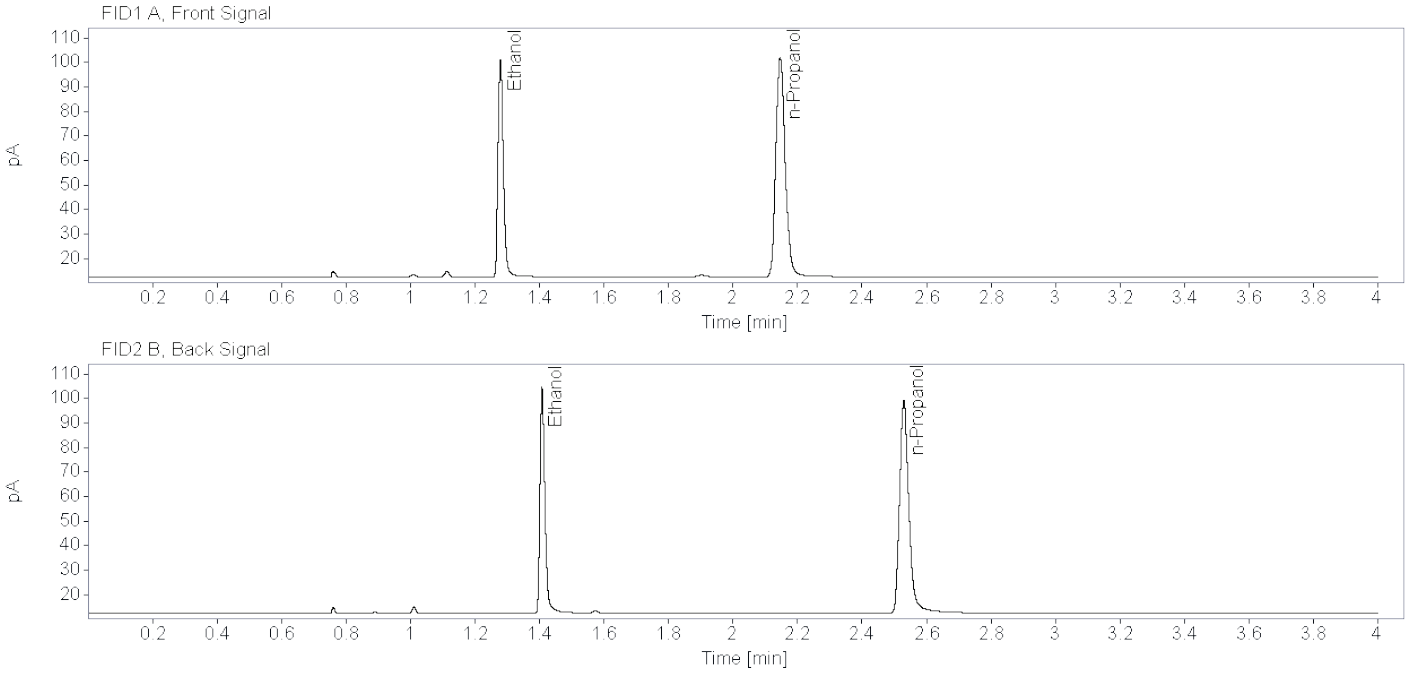
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72370	1.406	1.404	100.6749	0.1052
n-Propanol	0.80336	2.528	2.527	165.5453	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0758 001_001 (25-0772) **Description:** Alq 2 **Sample Barcode** 25-0772 **Vial Number:** 64

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 5:05:37 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\064F6401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76662	1.279	1.277	99.8991	0.1004
n-Propanol	0.80466	2.146	2.145	179.1349	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72438	1.408	1.404	98.1341	0.0999
n-Propanol	0.78942	2.530	2.527	169.9806	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0762 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

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:

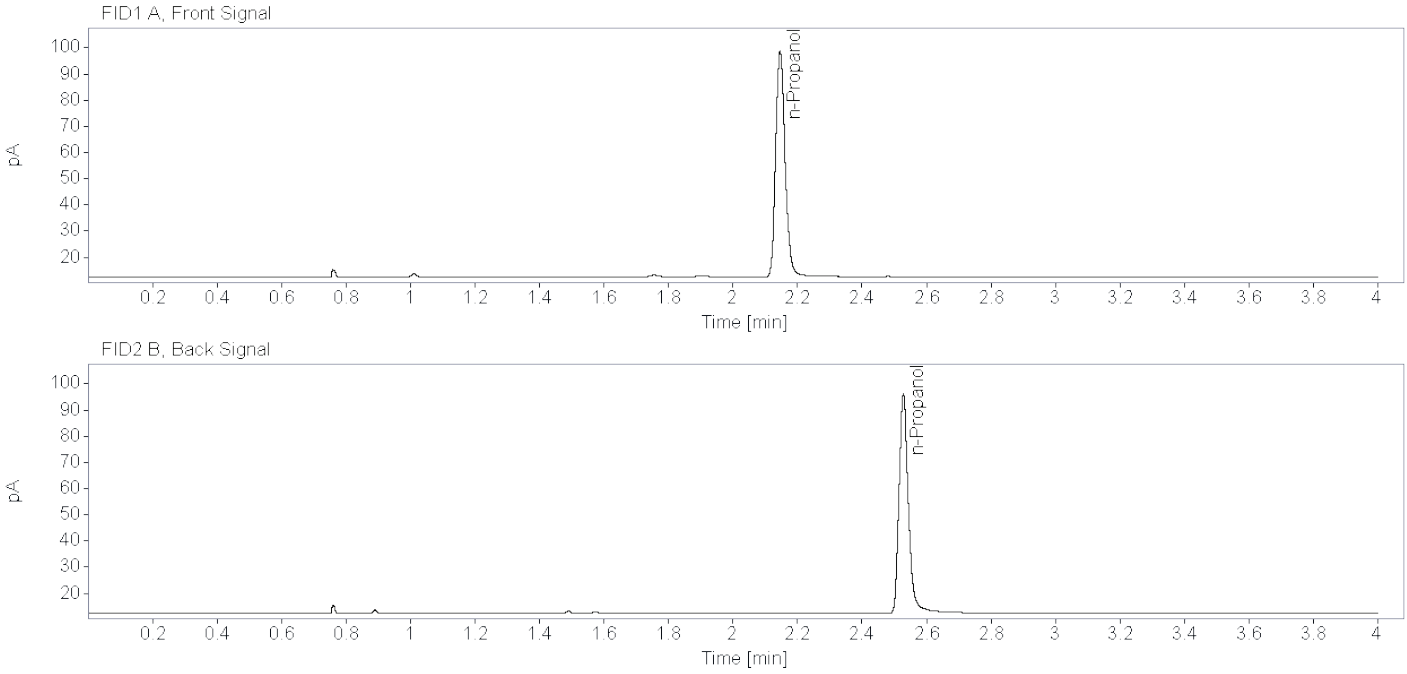
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0762 001_001 (25-0733) **Description:** Alq 1 **Sample Barcode** 25-0733 **Vial Number:** 25

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 1:43:18 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\025F2501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80261	2.146	2.145	173.1142	0.0100

Name FID2B

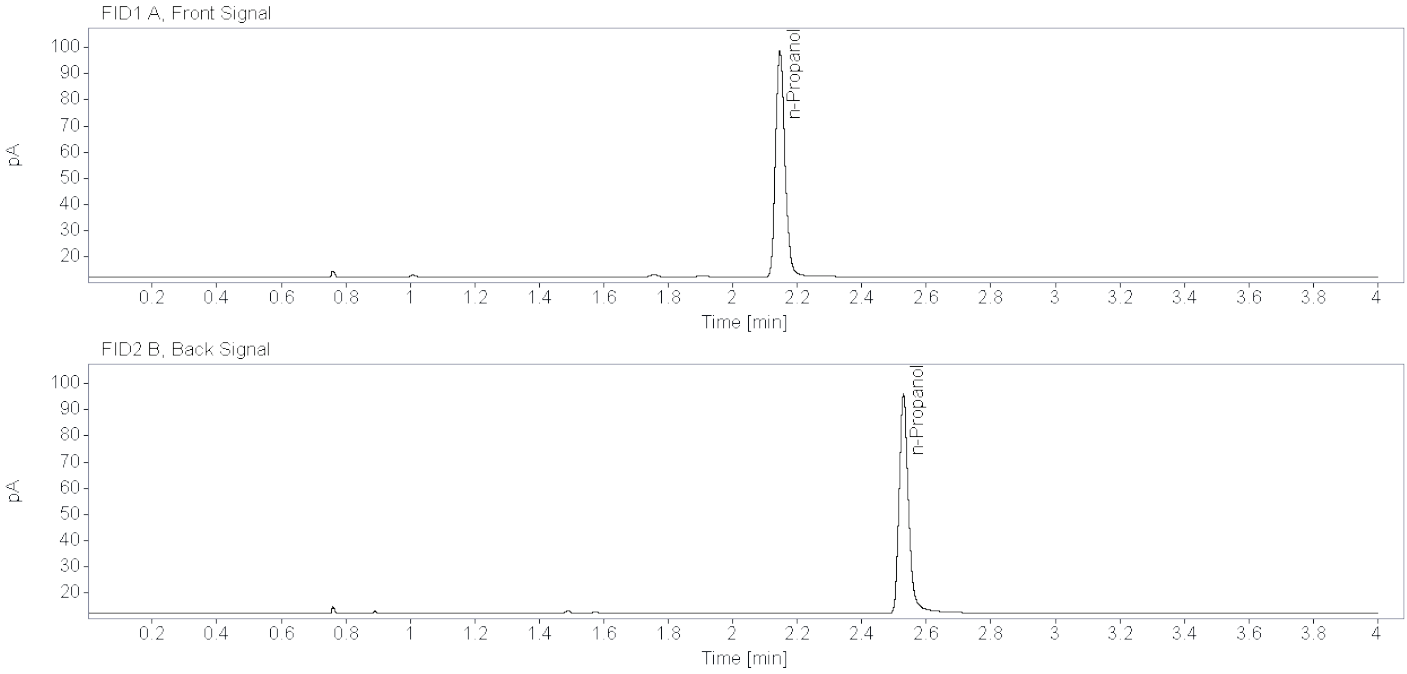
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.79934	2.528	2.527	164.8145	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0762 001_001 (25-0771) **Description:** Alq 2 **Sample Barcode** **Vial Number:** 63

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 5:00:54 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\063F6301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80145	2.146	2.145	172.5428	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.79971	2.529	2.527	164.3080	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0763 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1158	Aliquot 1:	0.1139
	Aliquot 2:	0.1151	Aliquot 2:	0.1143

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

Reported UM: **0.018** **g/100 mL**

Comments:

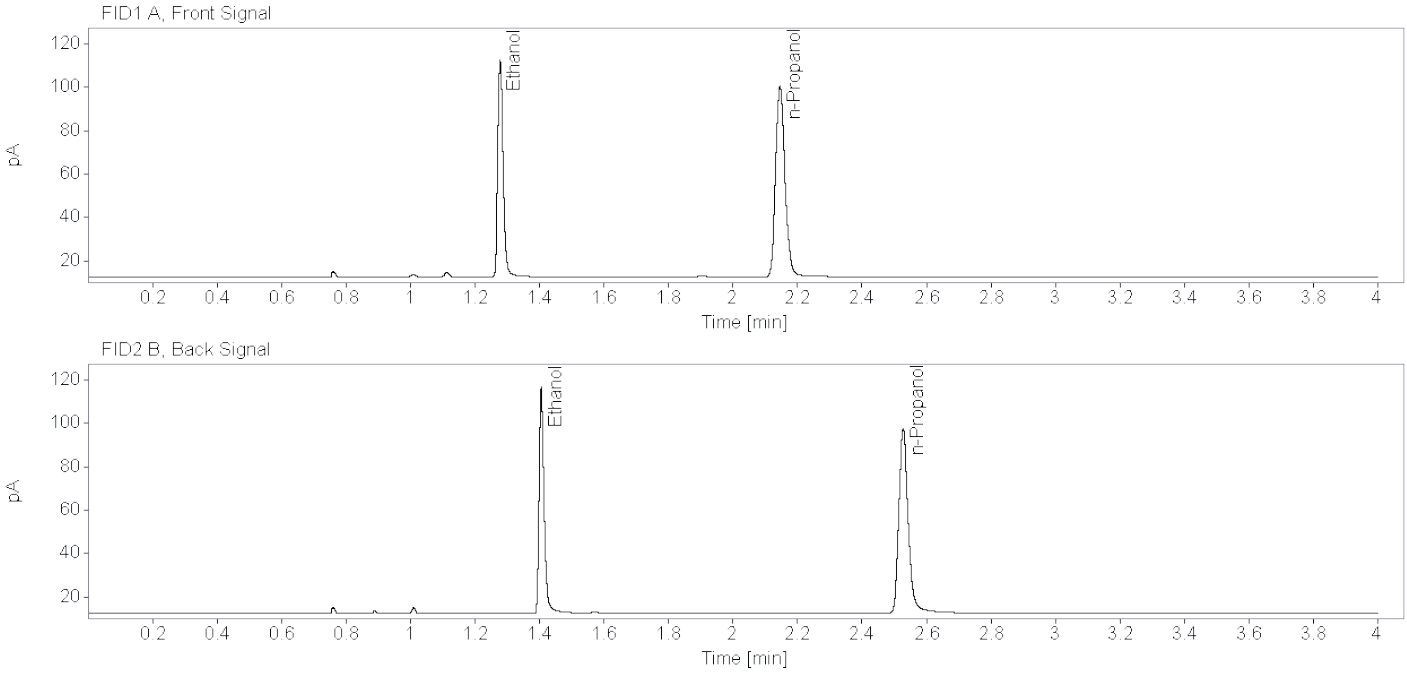
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0763 001_001 (25-0734) **Description:** Alq 1 **Sample Barcode** 25-0734 **Vial Number:** 26

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 1:48:01 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\026F2601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76391	1.278	1.277	113.3978	0.1158
n-Propanol	0.80443	2.146	2.145	176.0751	0.0100

Name FID2B

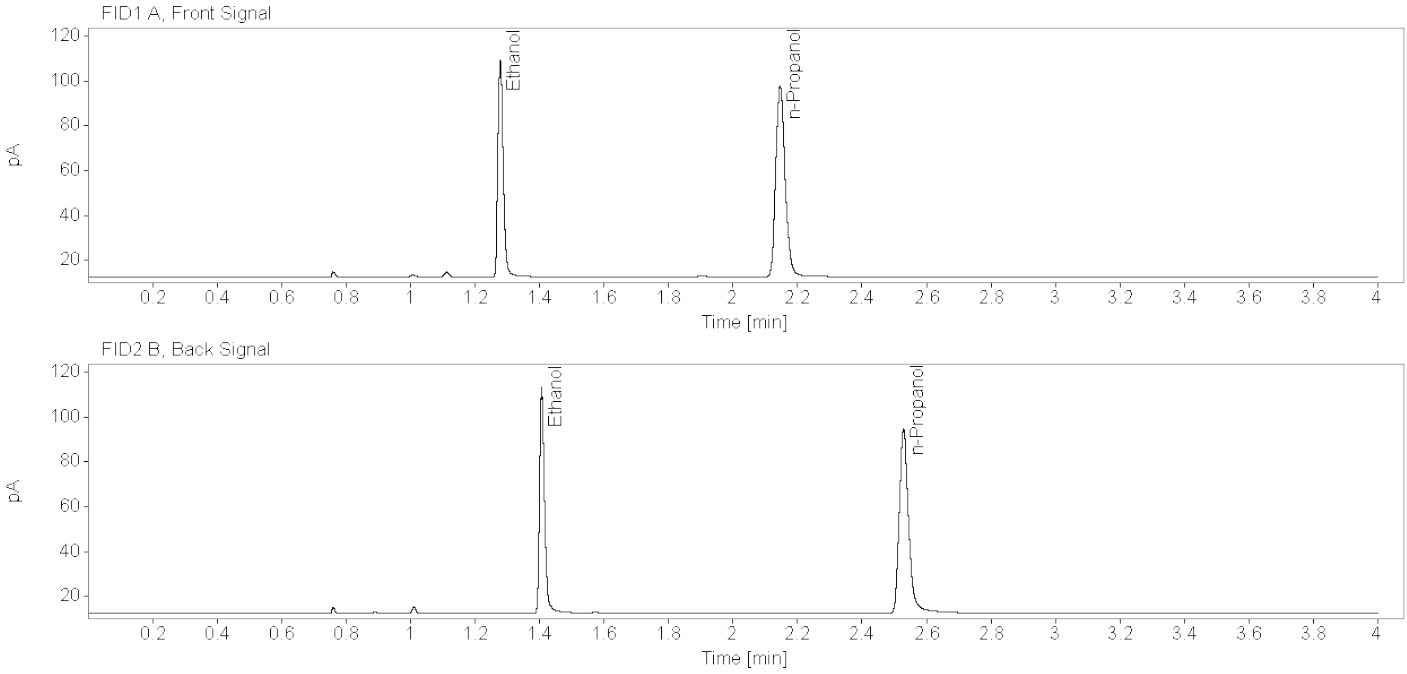
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71781	1.406	1.404	111.2753	0.1139
n-Propanol	0.80805	2.528	2.527	168.8977	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0763 001_001 (25-0770) **Description:** Alq 2 **Sample Barcode** 25-0770 **Vial Number:** 62

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 4:55:13 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\062F6201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76750	1.279	1.277	109.1670	0.1151
n-Propanol	0.80291	2.146	2.145	170.6429	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74426	1.407	1.404	107.3459	0.1143
n-Propanol	0.79462	2.529	2.527	162.3579	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0764 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

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:

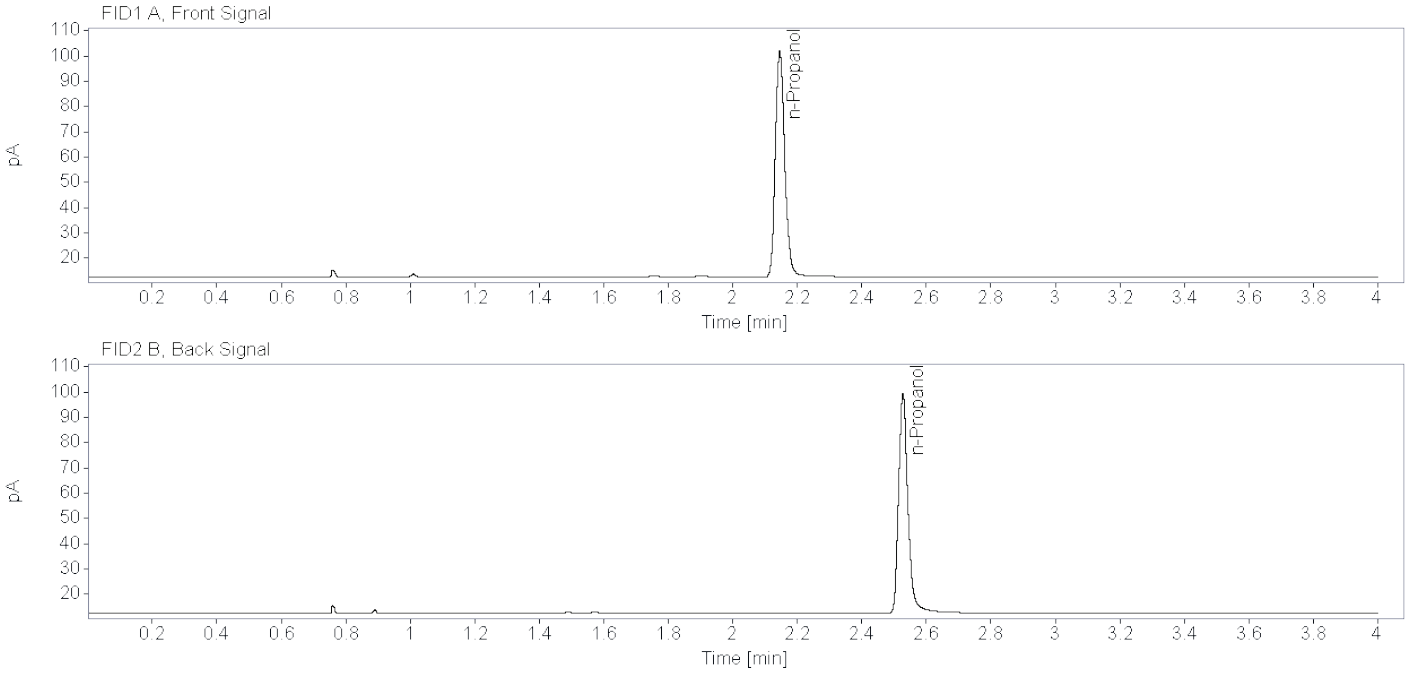
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0764 001_001 (25-0735) **Description:** Alq 1 **Sample Barcode** 25-0735 **Vial Number:** 27

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 1:53:43 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\027F2701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80019	2.146	2.145	179.5517	0.0100

Name FID2B

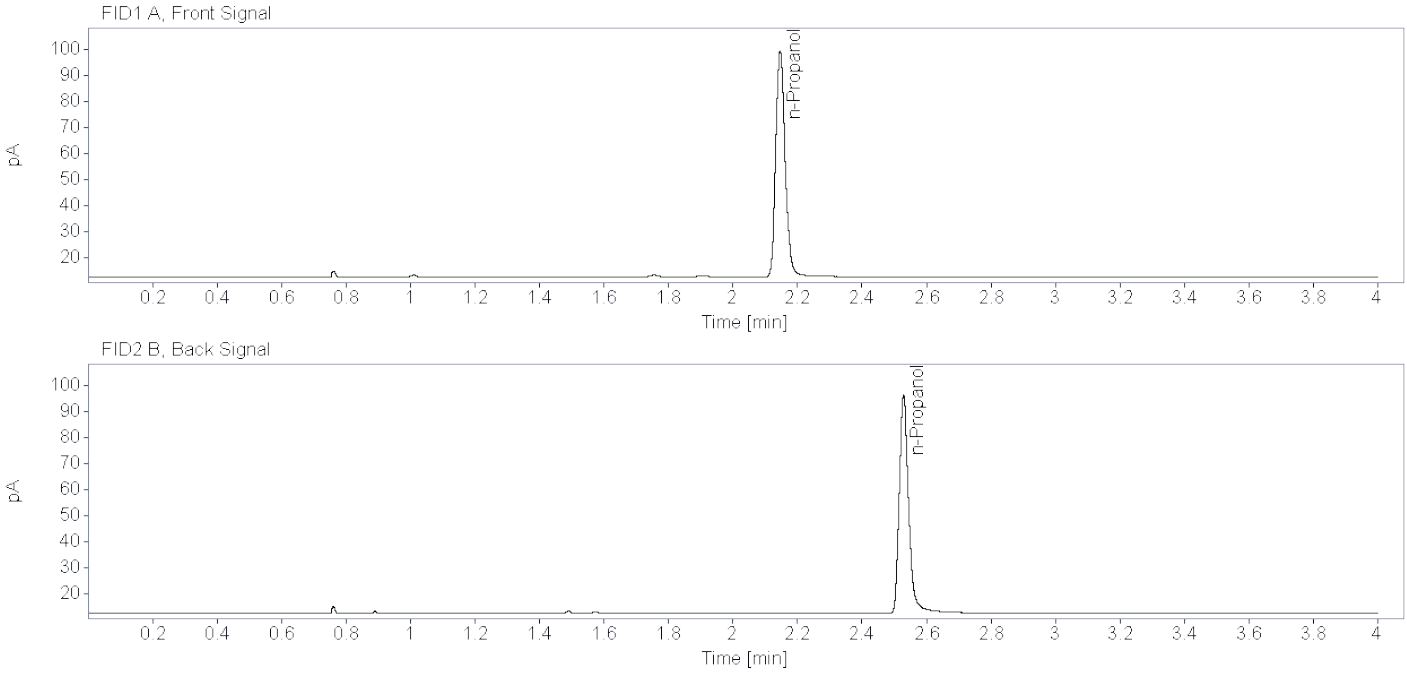
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.79875	2.528	2.527	171.6577	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0764 001_001 (25-0769) **Description:** Alq 2 **Sample Barcode** 25-0769 **Vial Number:** 61

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 4:50:30 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\061F6101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80646	2.146	2.145	174.9371	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.79836	2.529	2.527	165.8333	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0766 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1704	Aliquot 1:	0.1699
	Aliquot 2:	0.1696	Aliquot 2:	0.1704

Reported Result: **0.170** **g/100 mL**

Reported UM: **0.027** **g/100 mL**

Comments:

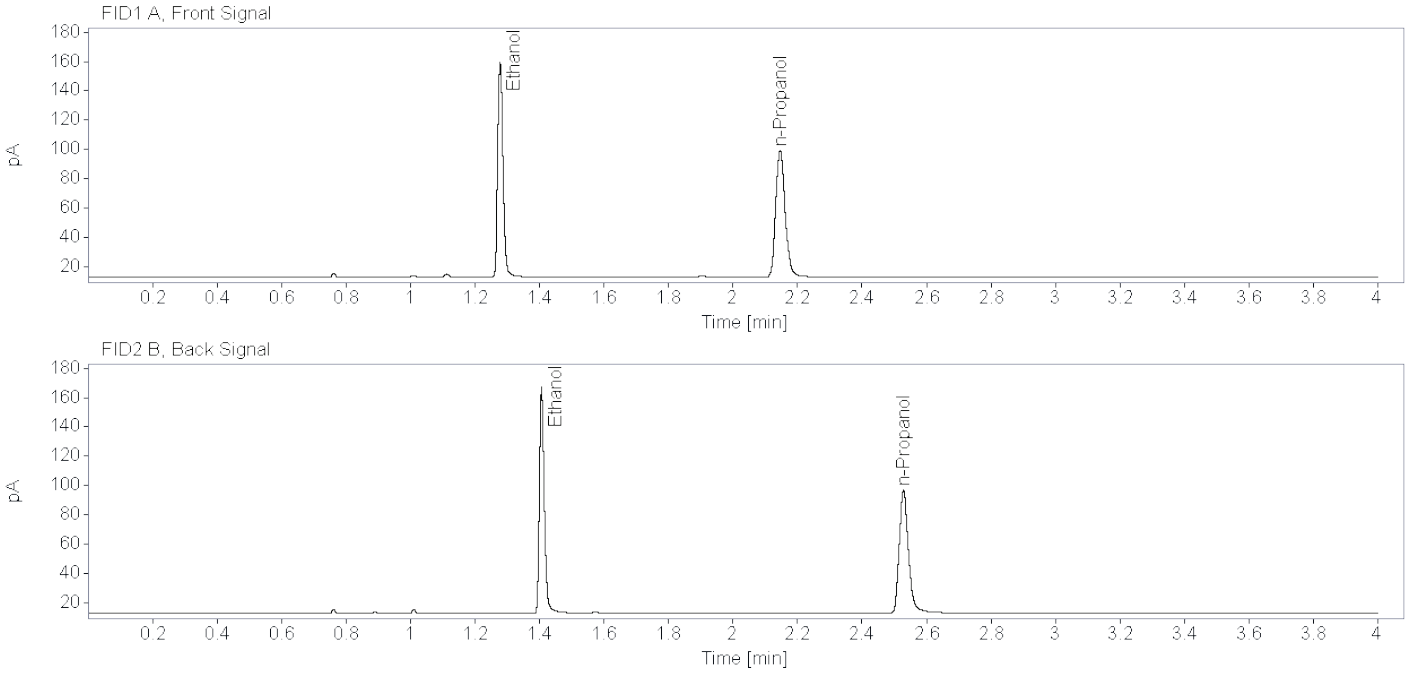
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0766 001_001 (25-0736) **Description:** Alq 1 **Sample Barcode** 25-0736 **Vial Number:** 28

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 1:58:25 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\028F2801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79109	1.278	1.277	165.5118	0.1704
n-Propanol	0.80619	2.146	2.145	174.2561	0.0100

Name FID2B

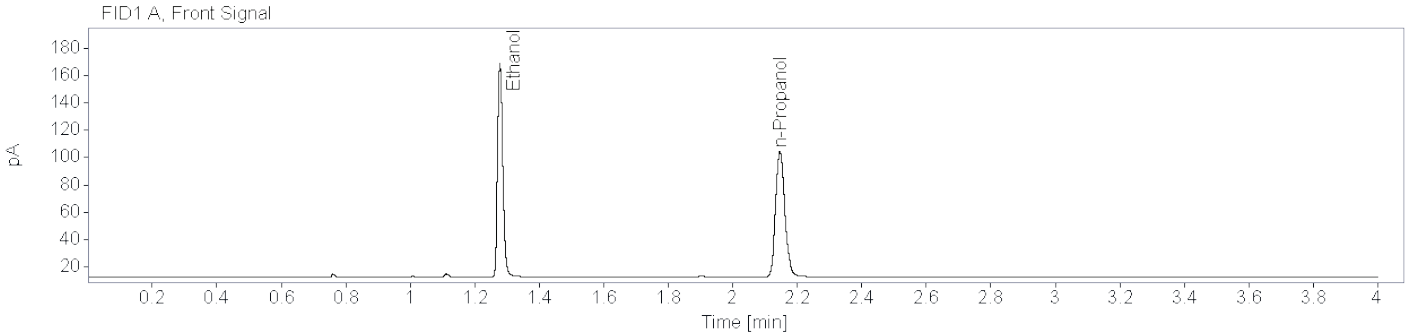
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75574	1.406	1.404	163.1786	0.1699
n-Propanol	0.79844	2.529	2.527	165.3544	0.0100

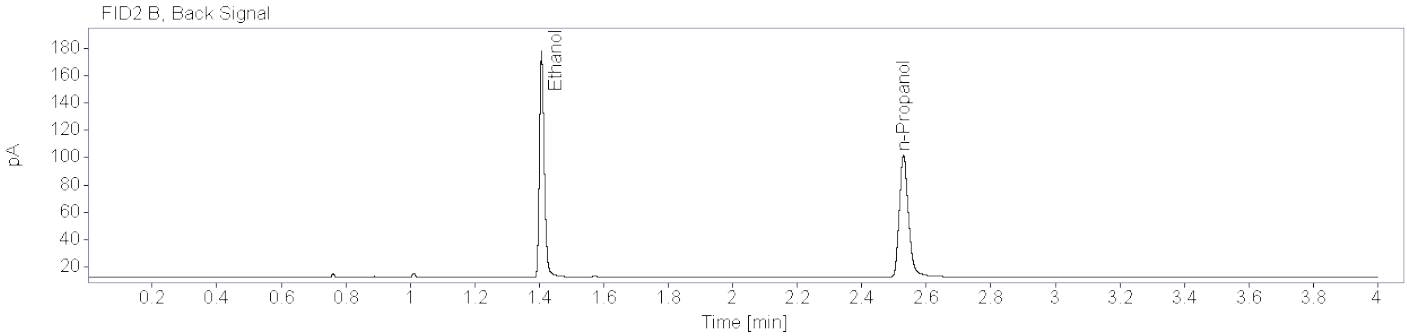
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0766 001_001 (25-0768) **Description:** Alq 2 **Sample Barcode** 25-0768 **Vial Number:** 60

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 4:44:50 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\060F6001.D





Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78682	1.278	1.277	174.5754	0.1696
n-Propanol	0.80795	2.146	2.145	184.6966	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77951	1.407	1.404	173.3671	0.1704
n-Propanol	0.79654	2.530	2.527	175.2335	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0784 002_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

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:

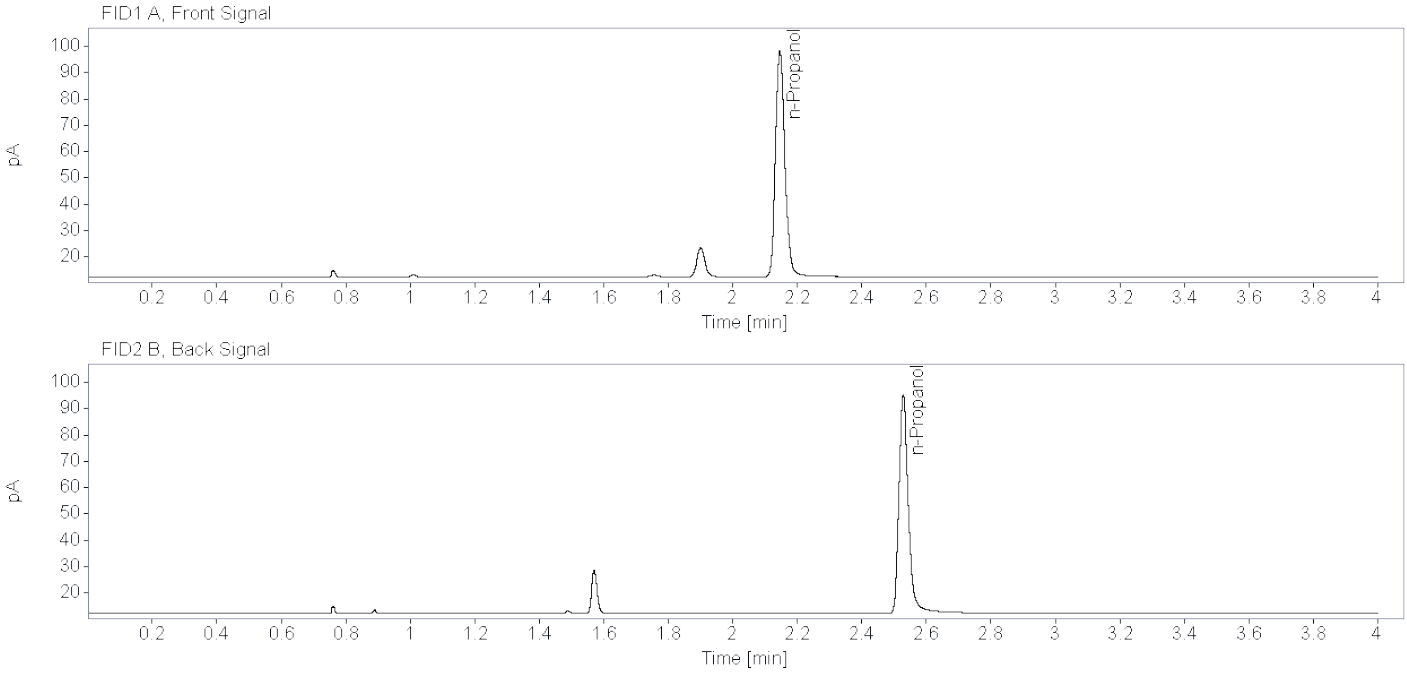
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0784 002_001 (25-0737) **Description:** Alq 1 **Sample Barcode** 25-0737 **Vial Number:** 29

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 2:04:06 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\029F2901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80595	2.146	2.145	171.9262	0.0100

Name FID2B

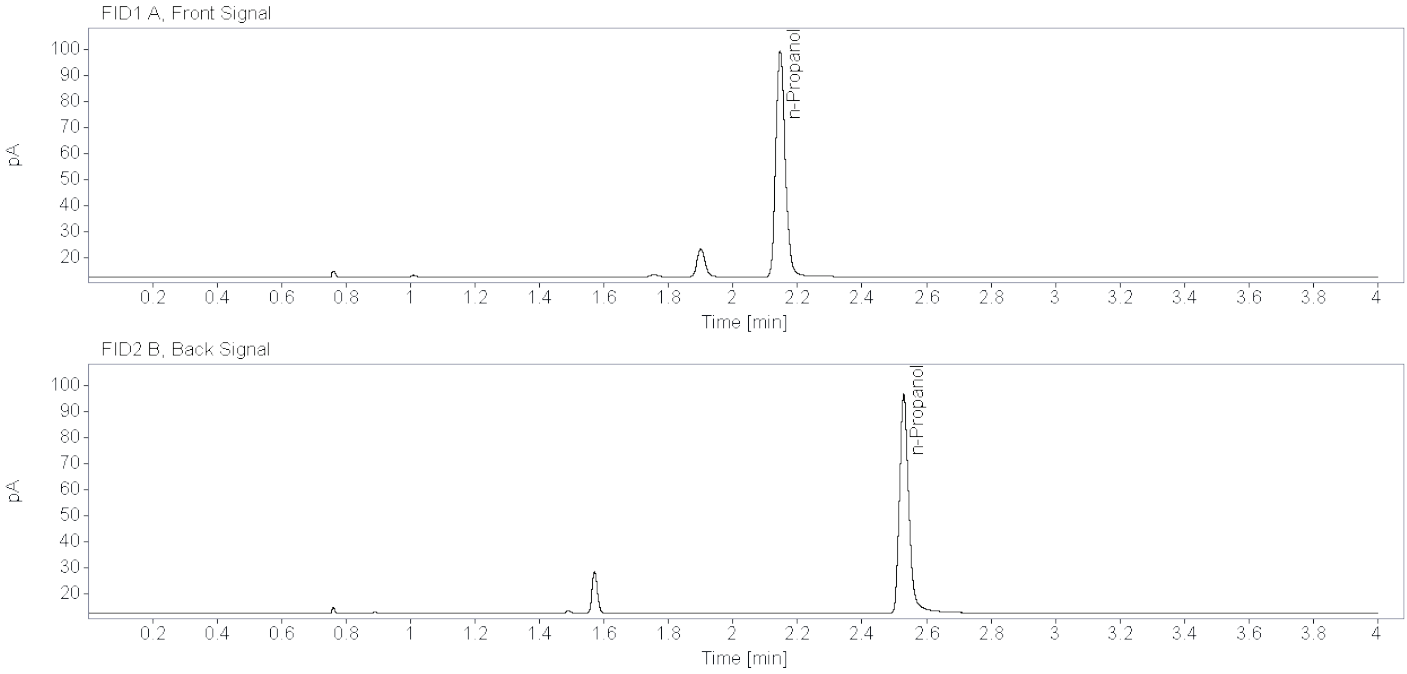
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.79383	2.529	2.527	163.0143	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0784 002_001 (25-0767) **Description:** Alq 2 **Sample Barcode** 25-0767 **Vial Number:** 59

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 4:40:06 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\059F5901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80527	2.146	2.145	174.3018	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.78455	2.529	2.527	165.3021	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0785 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

		FID1		FID2
Ethanol				
	Aliquot 1:	0.0998	Aliquot 1:	0.0998
	Aliquot 2:	0.0982	Aliquot 2:	0.0982

Reported Result: **0.099** **g/100 mL**

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

Comments:

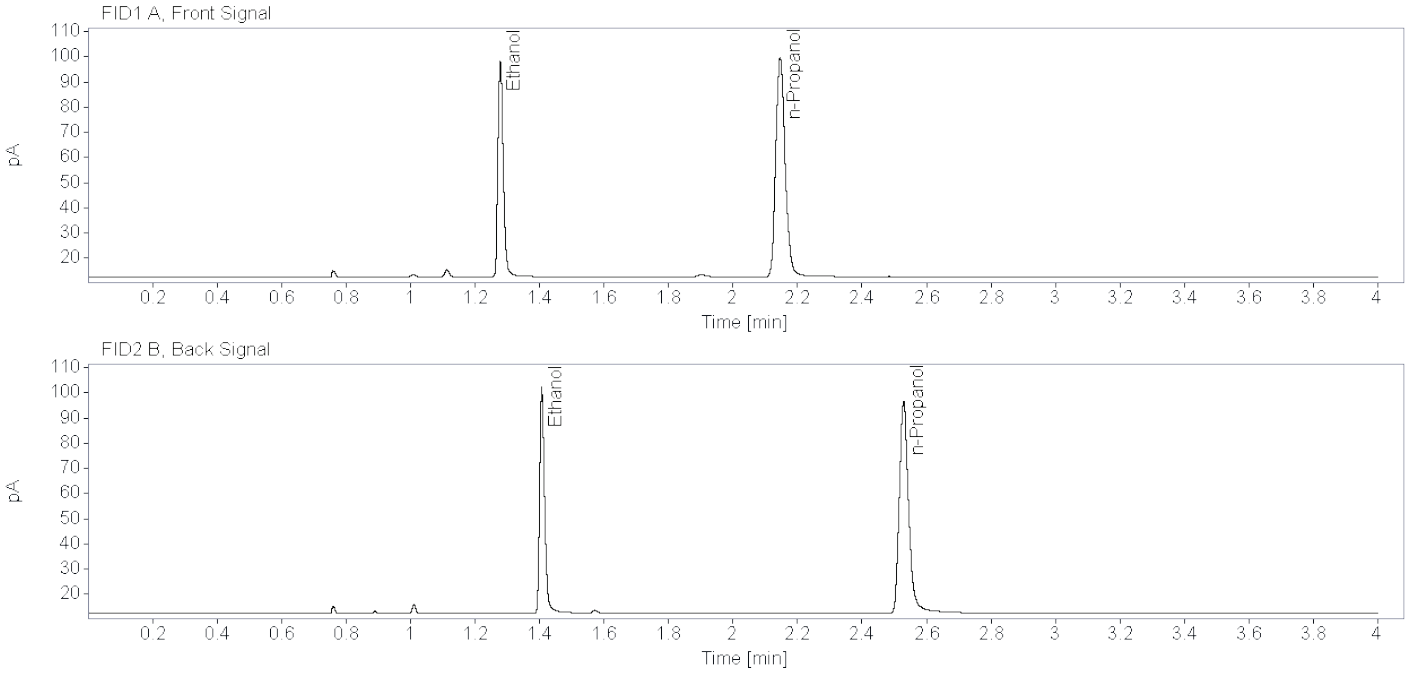
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0785 001_001 (25-0738) **Description:** Alq 1 **Sample Barcode** 25-0738 **Vial Number:** 30

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 2:08:49 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\030F3001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77746	1.279	1.277	96.7698	0.0998
n-Propanol	0.80607	2.146	2.145	174.5022	0.0100

Name FID2B

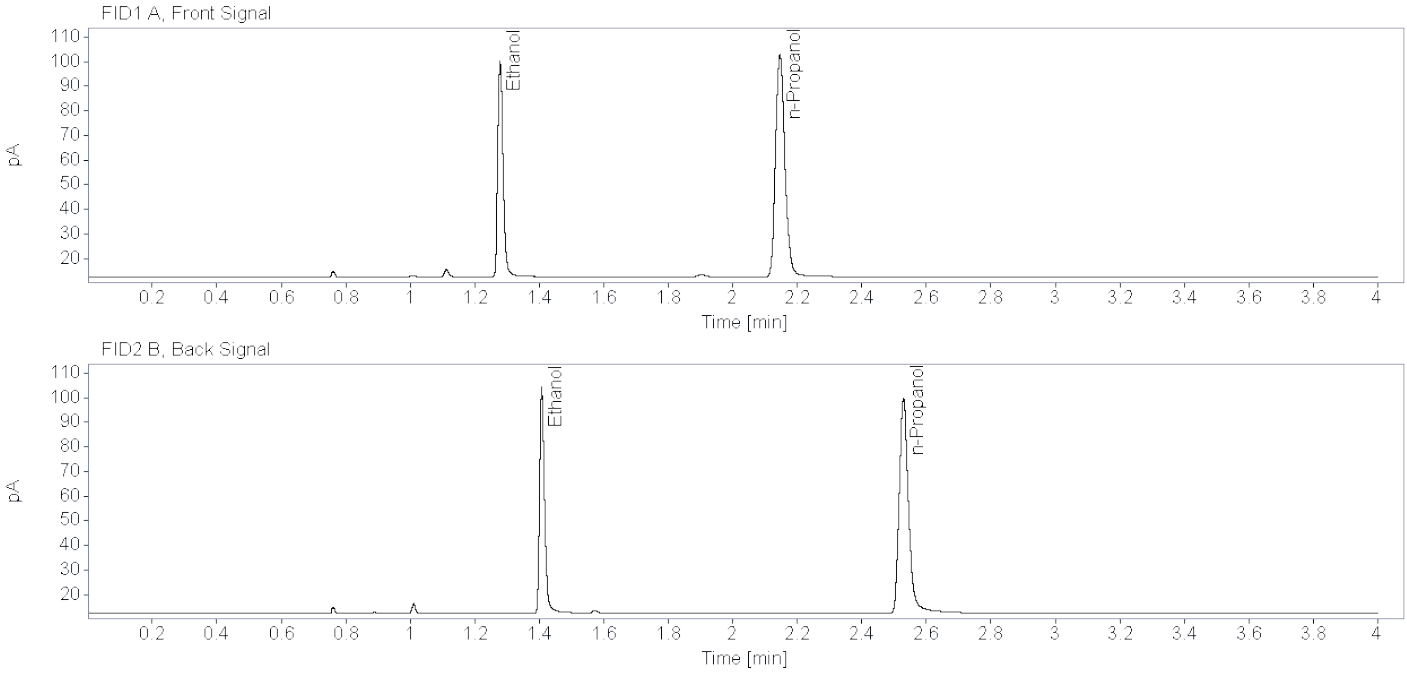
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75899	1.407	1.404	95.5715	0.0998
n-Propanol	0.78719	2.529	2.527	165.7236	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0785 001_001 (25-0766) **Description:** Alq 2 **Sample Barcode** 25-0766 **Vial Number:** 58

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 4:34:25 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\058F5801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76526	1.279	1.277	98.6873	0.0982
n-Propanol	0.80411	2.146	2.145	180.9064	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75028	1.408	1.404	97.4790	0.0982
n-Propanol	0.79436	2.529	2.527	171.7666	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0794 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2764	Aliquot 1:	0.2780
	Aliquot 2:	0.2734	Aliquot 2:	0.2742

Reported Result: 0.275 g/100 mL

Reported UM: 0.044 g/100 mL

Comments:

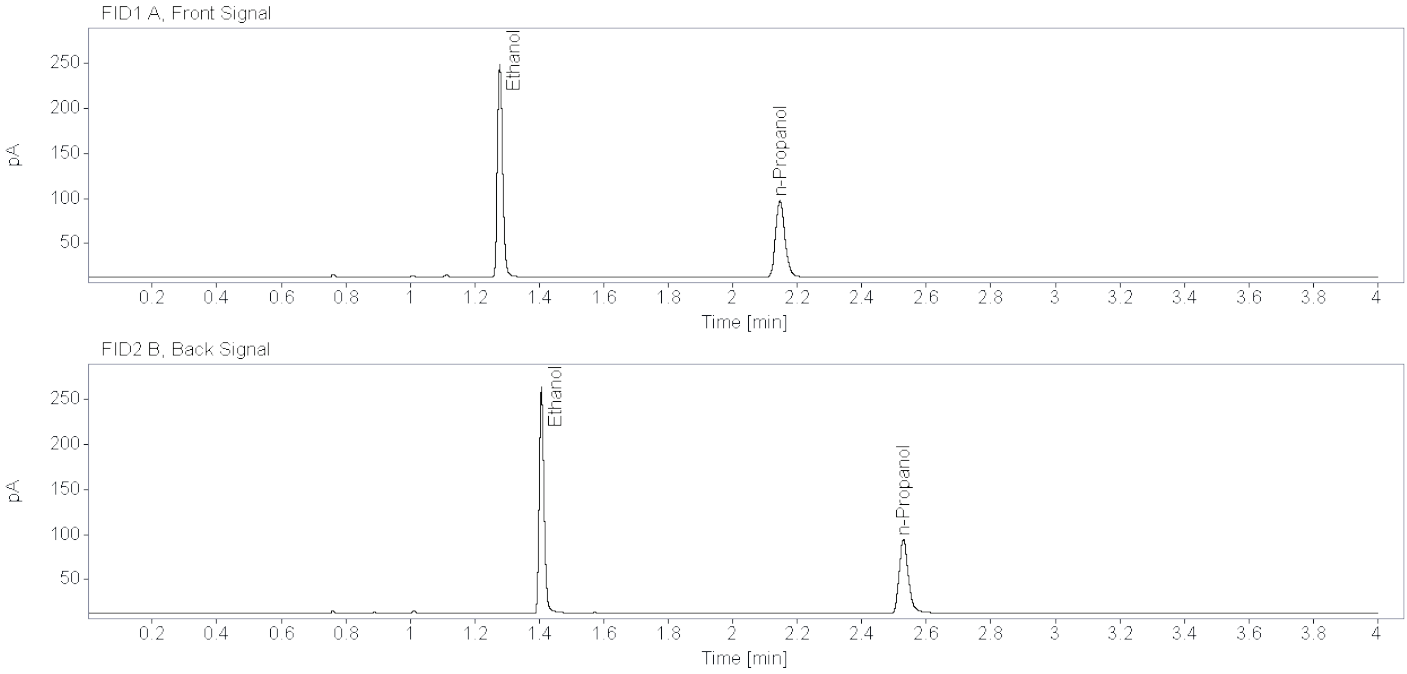
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0794 001_001 (25-0739) **Description:** Alq 1 **Sample Barcode** 25-0739 **Vial Number:** 31

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 2:14:30 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\031F3101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79461	1.278	1.277	263.4990	0.2764
n-Propanol	0.80290	2.146	2.145	170.7312	0.0100

Name FID2B

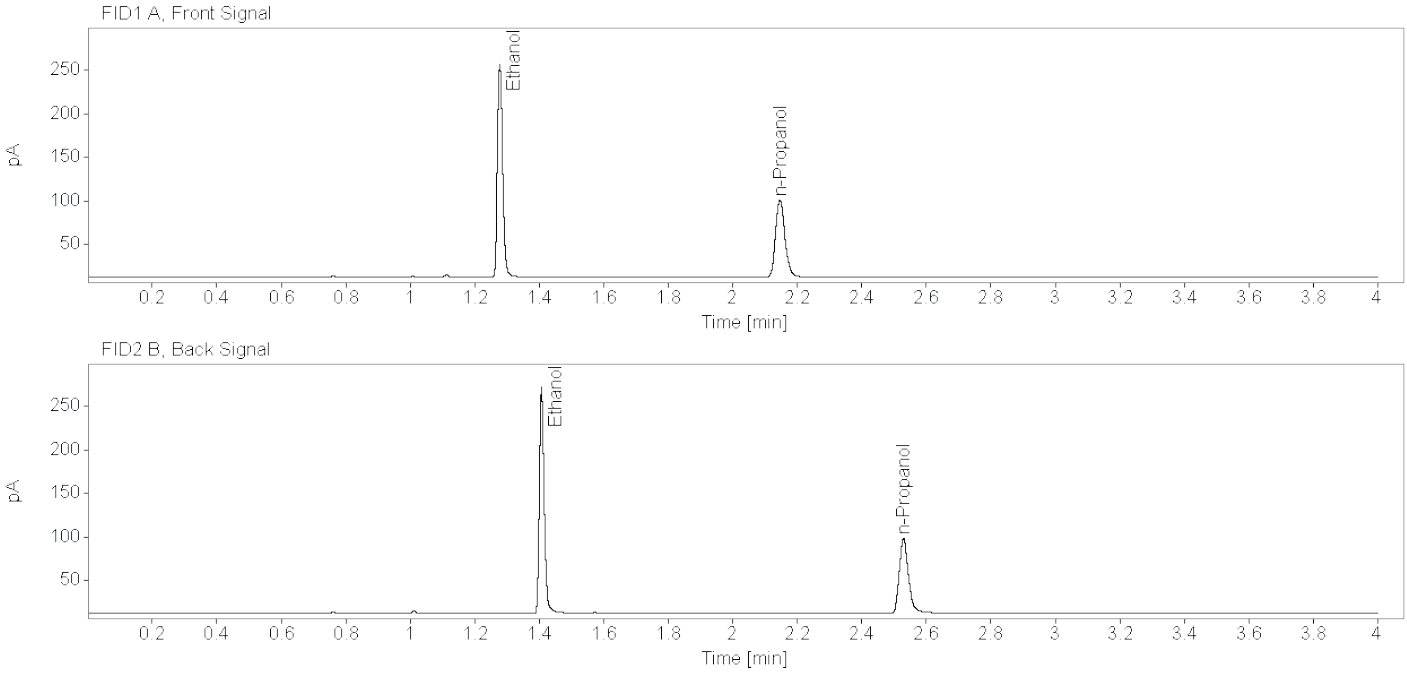
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78679	1.407	1.404	261.8296	0.2780
n-Propanol	0.79538	2.529	2.527	161.7552	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0794 001_001 (25-0765) **Description:** Alq 2 **Sample Barcode** 25-0765 **Vial Number:** 57

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 4:29:42 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\057F5701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79620	1.278	1.277	272.4962	0.2734
n-Propanol	0.80571	2.146	2.145	178.4777	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79065	1.407	1.404	270.3608	0.2742
n-Propanol	0.79392	2.529	2.527	169.3072	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0795 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1795	Aliquot 1:	0.1802
	Aliquot 2:	0.1789	Aliquot 2:	0.1794

Reported Result: 0.179 g/100 mL

Reported UM: 0.029 g/100 mL

Comments:

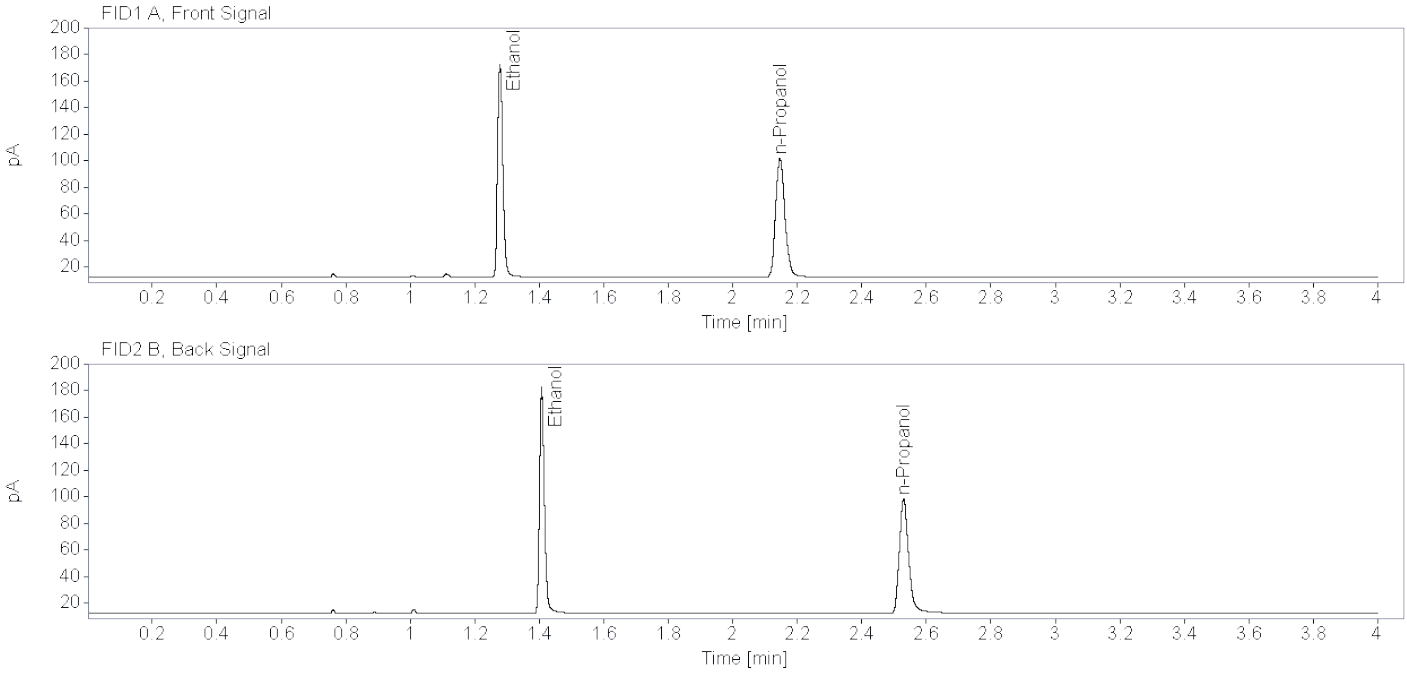
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0795 001_001 (25-0740) **Description:** Alq 1 **Sample Barcode** 25-0740 **Vial Number:** 32

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 2:19:13 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\032F3201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78849	1.278	1.277	178.8961	0.1795
n-Propanol	0.80570	2.146	2.145	178.7618	0.0100

Name FID2B

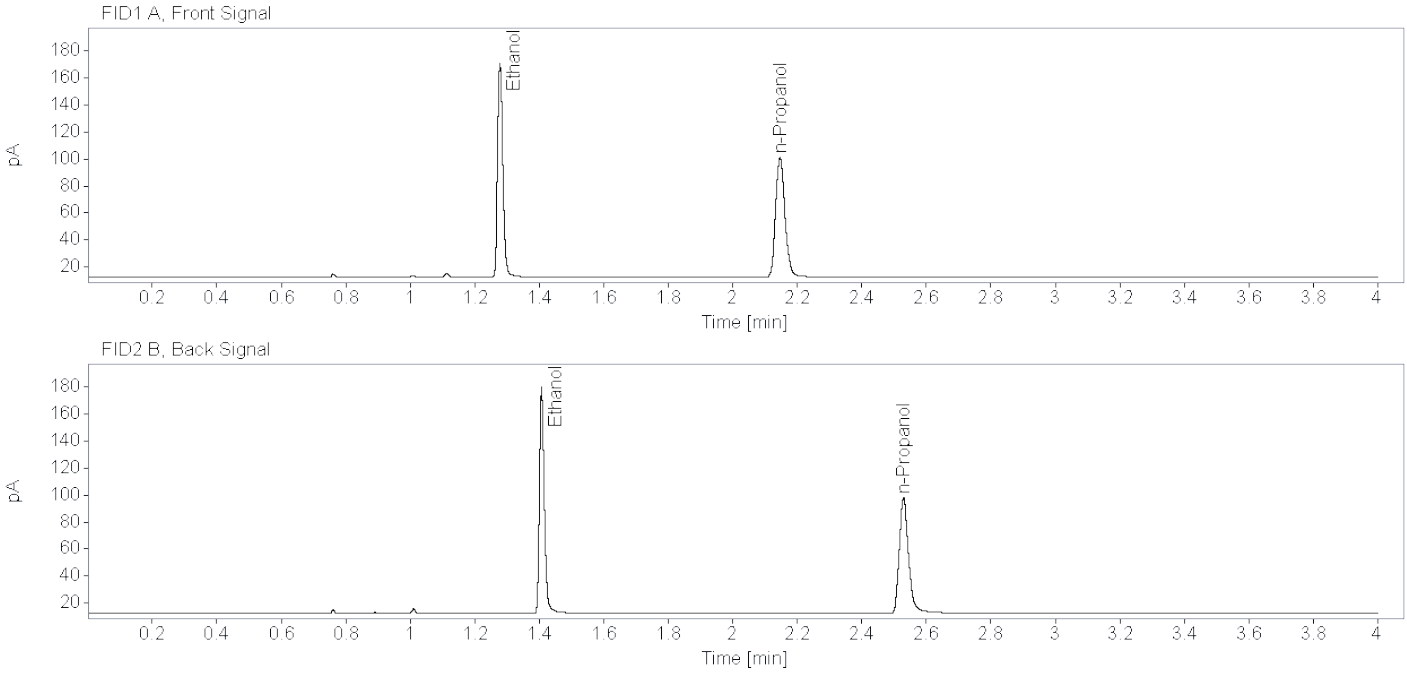
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78699	1.408	1.404	177.5329	0.1802
n-Propanol	0.78924	2.530	2.527	169.5485	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0795 001_001 (25-0764) **Description:** Alq 2 **Sample Barcode** 25-0764 **Vial Number:** 56

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 4:24:01 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\056F5601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78498	1.278	1.277	177.2116	0.1789
n-Propanol	0.80519	2.146	2.145	177.6626	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77310	1.407	1.404	175.5408	0.1794
n-Propanol	0.79483	2.530	2.527	168.4090	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0796 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.3752	Aliquot 1:	0.3765
	Aliquot 2:	0.3611	Aliquot 2:	0.3635

Reported Result: **0.369** **g/100 mL**

Reported UM: **0.060** **g/100 mL**

Comments:

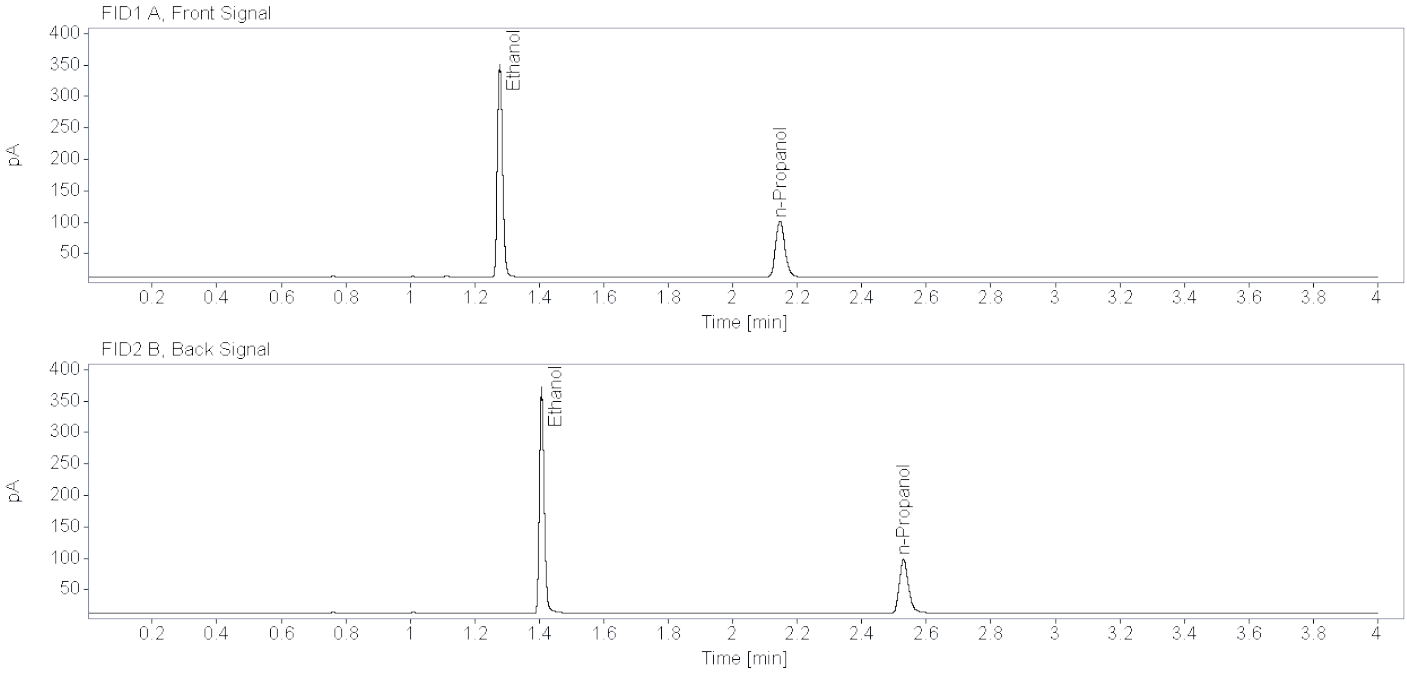
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0796 001_001 (25-0742) **Description:** Alq 1 **Sample Barcode** 25-0742 **Vial Number:** 34

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 2:29:37 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\034F3401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81898	1.278	1.277	375.2035	0.3752
n-Propanol	0.80948	2.146	2.145	178.9689	0.0100

Name FID2B

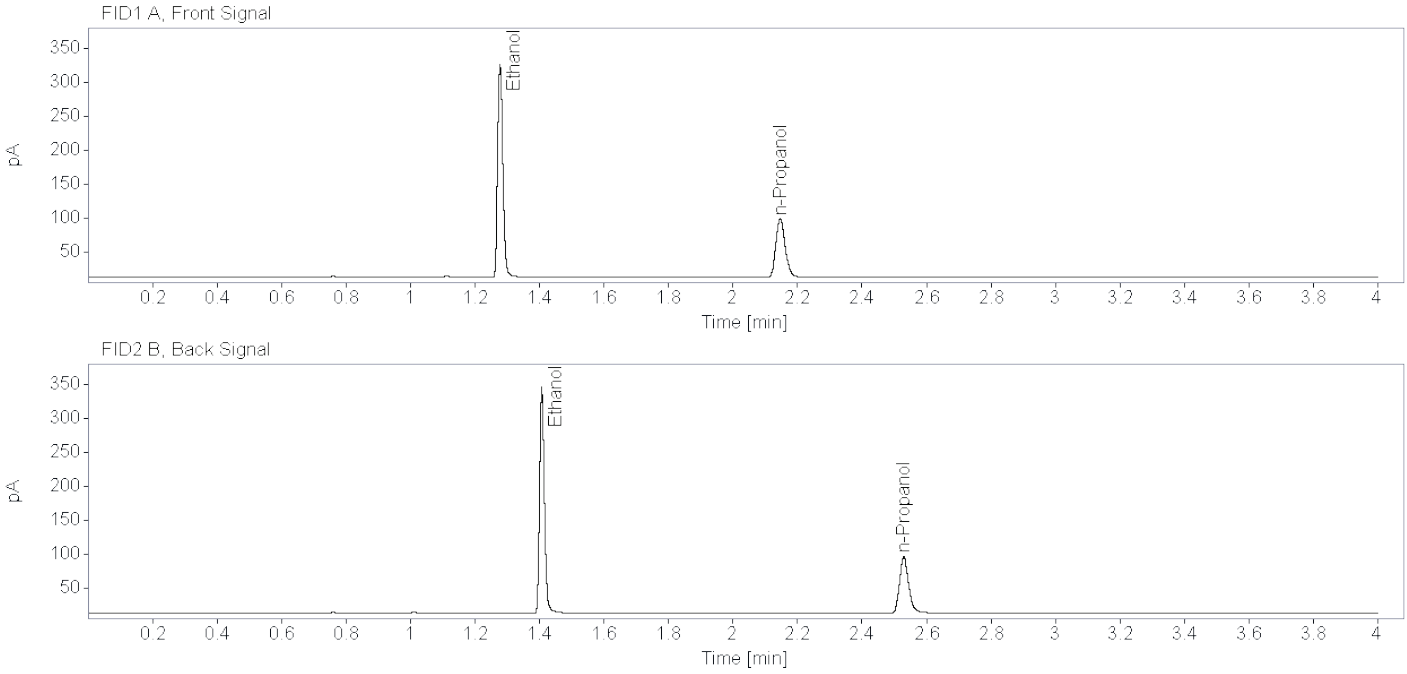
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82183	1.408	1.404	372.4276	0.3765
n-Propanol	0.79272	2.530	2.527	169.6829	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0796 001_001 (25-0762) **Description:** Alq 2 **Sample Barcode** 25-0762 **Vial Number:** 54

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 4:13:37 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\054F5401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81060	1.278	1.277	348.7778	0.3611
n-Propanol	0.80533	2.146	2.145	172.8809	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82512	1.407	1.404	346.9002	0.3635
n-Propanol	0.78843	2.529	2.527	163.6962	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0816 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2479	Aliquot 1:	0.2478
	Aliquot 2:	0.2732	Aliquot 2:	0.2732

Reported Result: **0.260** **g/100 mL**

Reported UM: **0.042** **g/100 mL**

Comments:

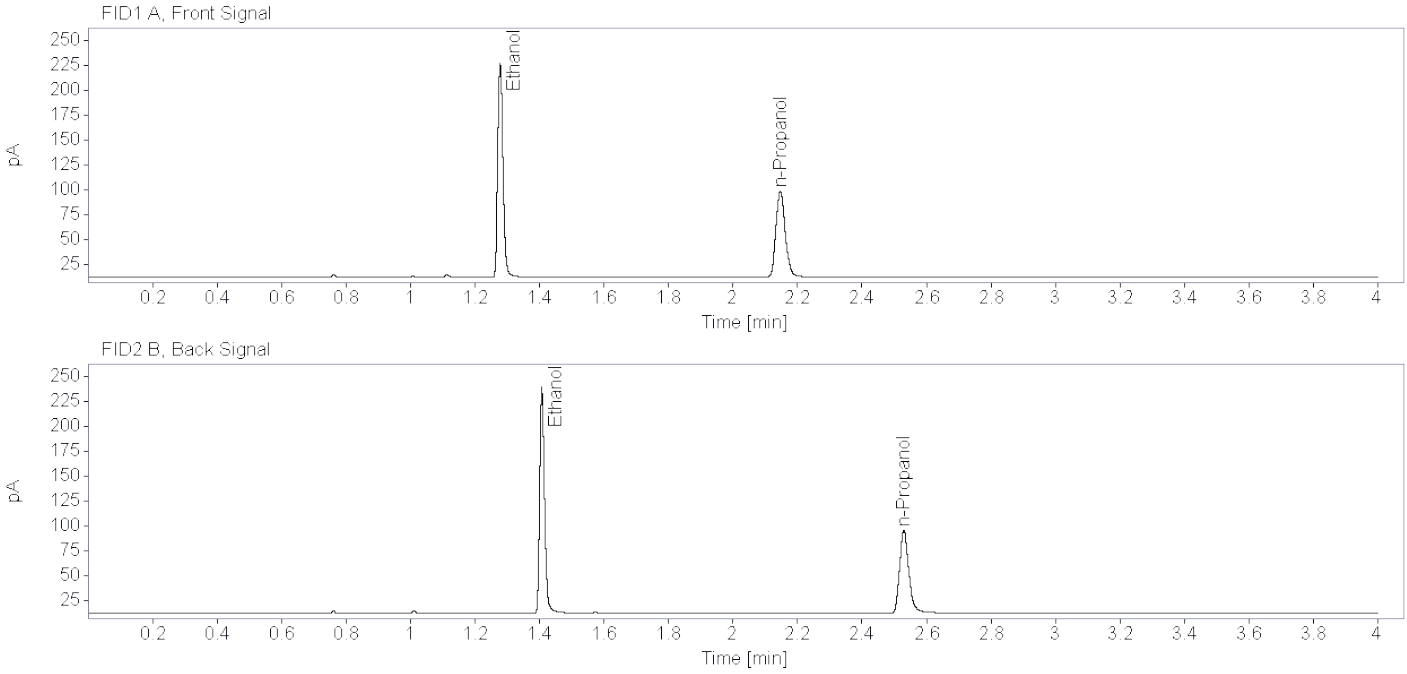
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0816 001_001 (25-0743) **Description:** Alq 1 **Sample Barcode** 25-0743 **Vial Number:** 35

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 2:35:17 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\035F3501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80282	1.278	1.277	239.6686	0.2479
n-Propanol	0.80907	2.146	2.145	173.2149	0.0100

Name FID2B

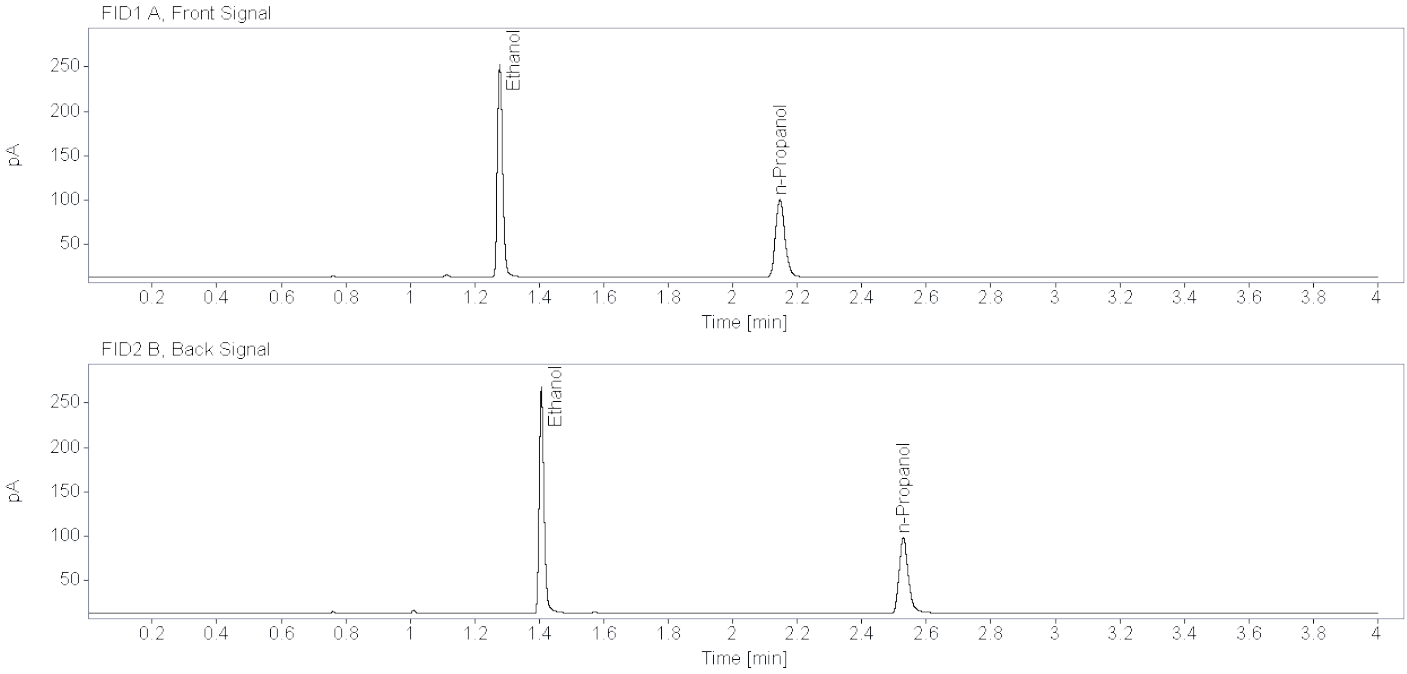
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79479	1.407	1.404	237.2801	0.2478
n-Propanol	0.78806	2.530	2.527	164.5019	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0816 001_001 (25-0761) **Description:** Alq 2 **Sample Barcode** 25-0761 **Vial Number:** 53

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 4:08:54 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\053F5301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78636	1.278	1.277	268.7493	0.2732
n-Propanol	0.80210	2.146	2.145	176.1961	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77617	1.407	1.404	266.0545	0.2732
n-Propanol	0.79823	2.529	2.527	167.2489	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0817 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1752	Aliquot 1:	0.1750
	Aliquot 2:	0.1747	Aliquot 2:	0.1740

Reported Result: **0.174** **g/100 mL**

Reported UM: **0.028** **g/100 mL**

Comments:

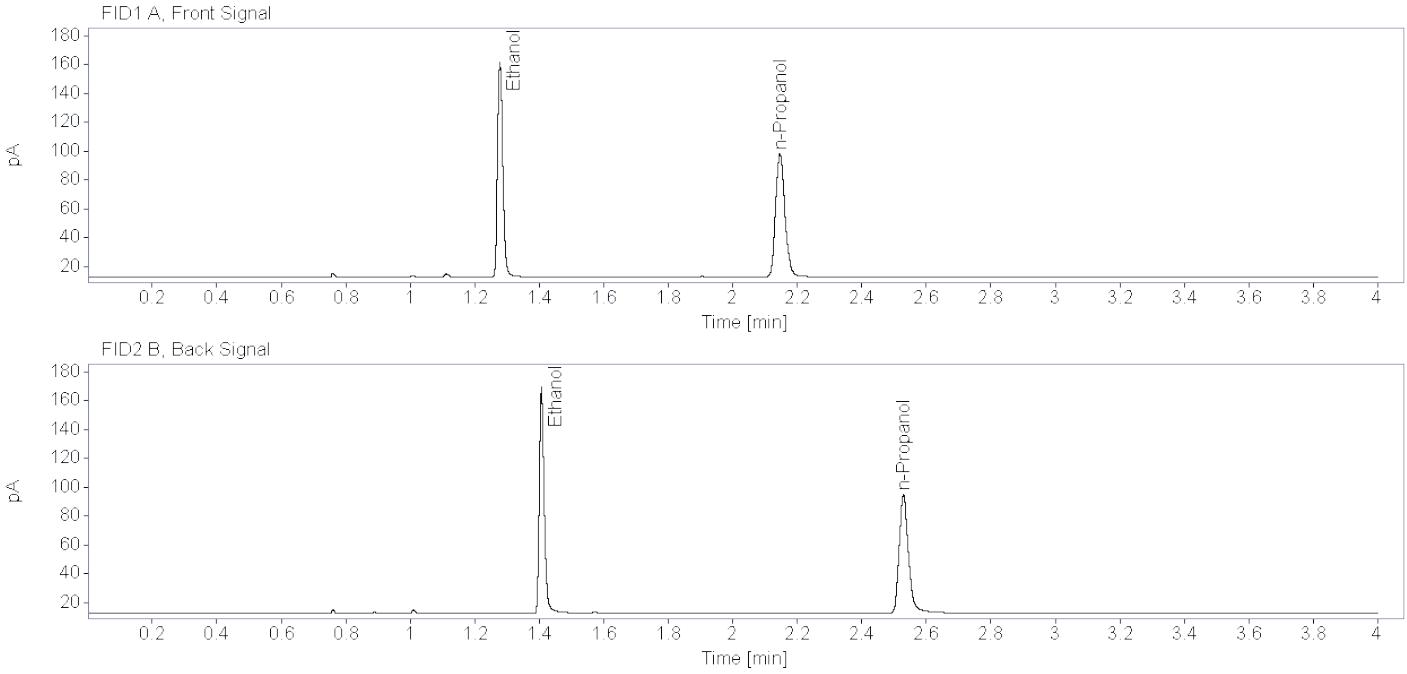
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0817 001_001 (25-0744) **Description:** Alq 1 **Sample Barcode** 25-0744 **Vial Number:** 36

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 2:40:01 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\036F3601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79546	1.278	1.277	167.4610	0.1752
n-Propanol	0.80290	2.146	2.145	171.4572	0.0100

Name FID2B

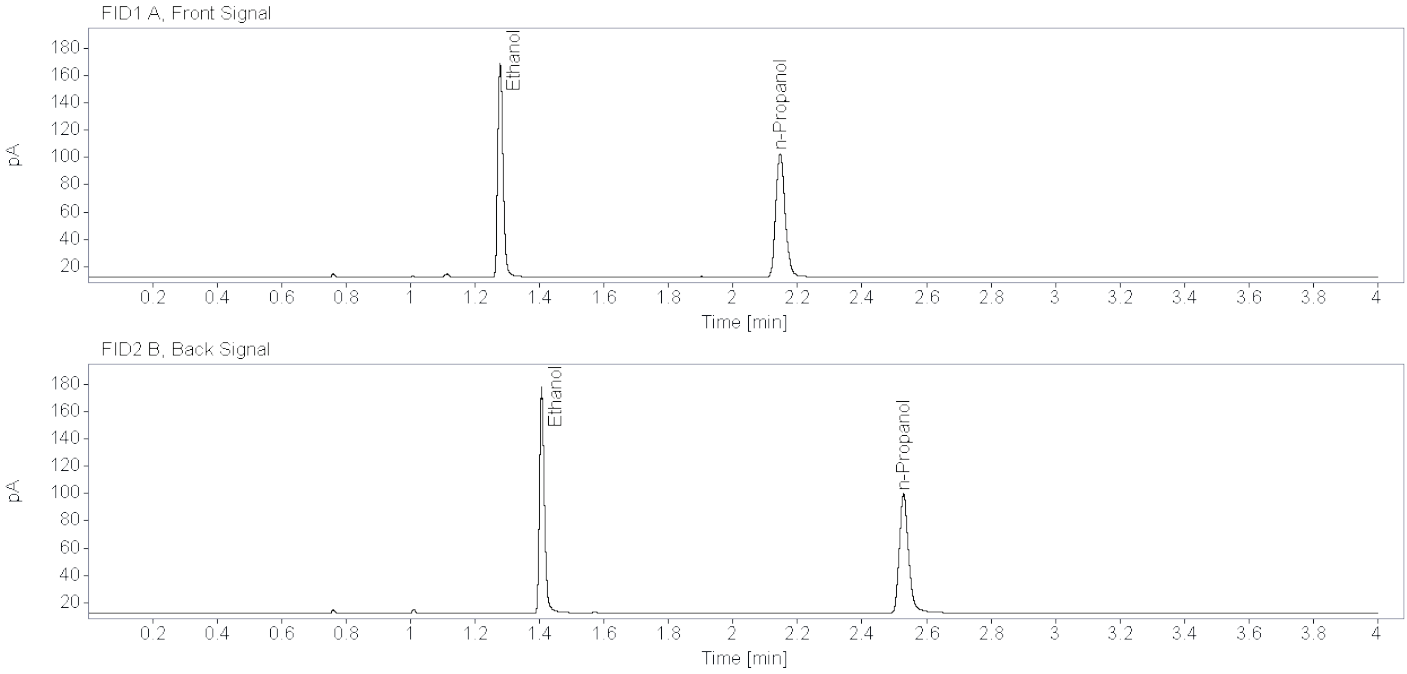
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75580	1.407	1.404	165.1789	0.1750
n-Propanol	0.79443	2.529	2.527	162.4762	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0817 001_001 (25-0760) **Description:** Alq 2 **Sample Barcode** 25-0760 **Vial Number:** 52

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 4:03:12 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\052F5201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77900	1.278	1.277	175.8067	0.1747
n-Propanol	0.80382	2.146	2.145	180.5563	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77039	1.407	1.404	173.6975	0.1740
n-Propanol	0.78492	2.529	2.527	171.9180	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0818 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0562	Aliquot 1:	0.0555
	Aliquot 2:	0.0571	Aliquot 2:	0.0572

Reported Result: **0.056** **g/100 mL**

Reported UM: **0.009** **g/100 mL**

Comments:

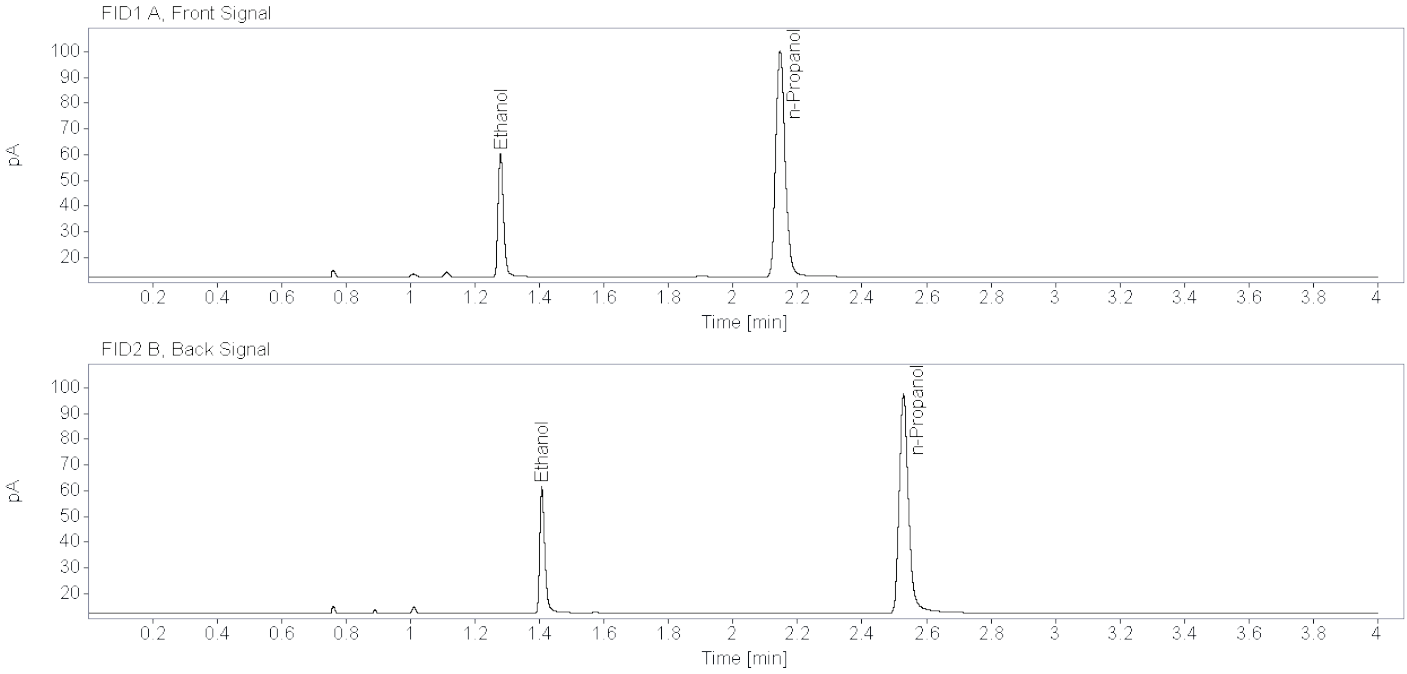
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0818 001_001 (25-0745) **Description:** Alq 1 **Sample Barcode** 25-0745 **Vial Number:** 37

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 2:45:42 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\037F3701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75565	1.279	1.277	54.7442	0.0562
n-Propanol	0.80377	2.146	2.145	176.3933	0.0100

Name FID2B

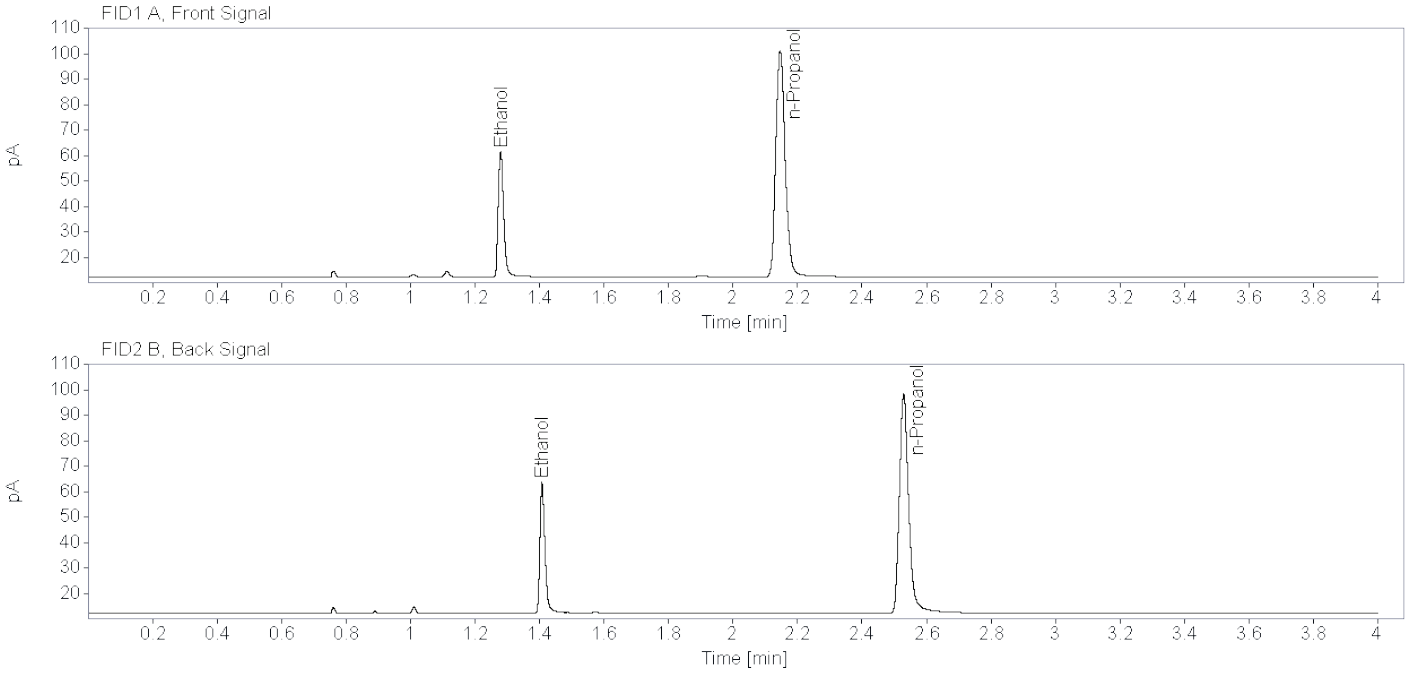
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70371	1.408	1.404	53.2228	0.0555
n-Propanol	0.79868	2.529	2.527	167.6811	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0818 001_001 (25-0759) **Description:** Alq 2 **Sample Barcode** 25-0759 **Vial Number:** 51

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 3:58:30 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\051F5101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74106	1.280	1.277	55.9457	0.0571
n-Propanol	0.80553	2.146	2.145	177.6661	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72347	1.408	1.404	55.2832	0.0572
n-Propanol	0.78481	2.529	2.527	168.9364	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0823 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.3140	Aliquot 1:	0.3128
	Aliquot 2:	0.3146	Aliquot 2:	0.3162

Reported Result: 0.314 g/100 mL

Reported UM: 0.051 g/100 mL

Comments:

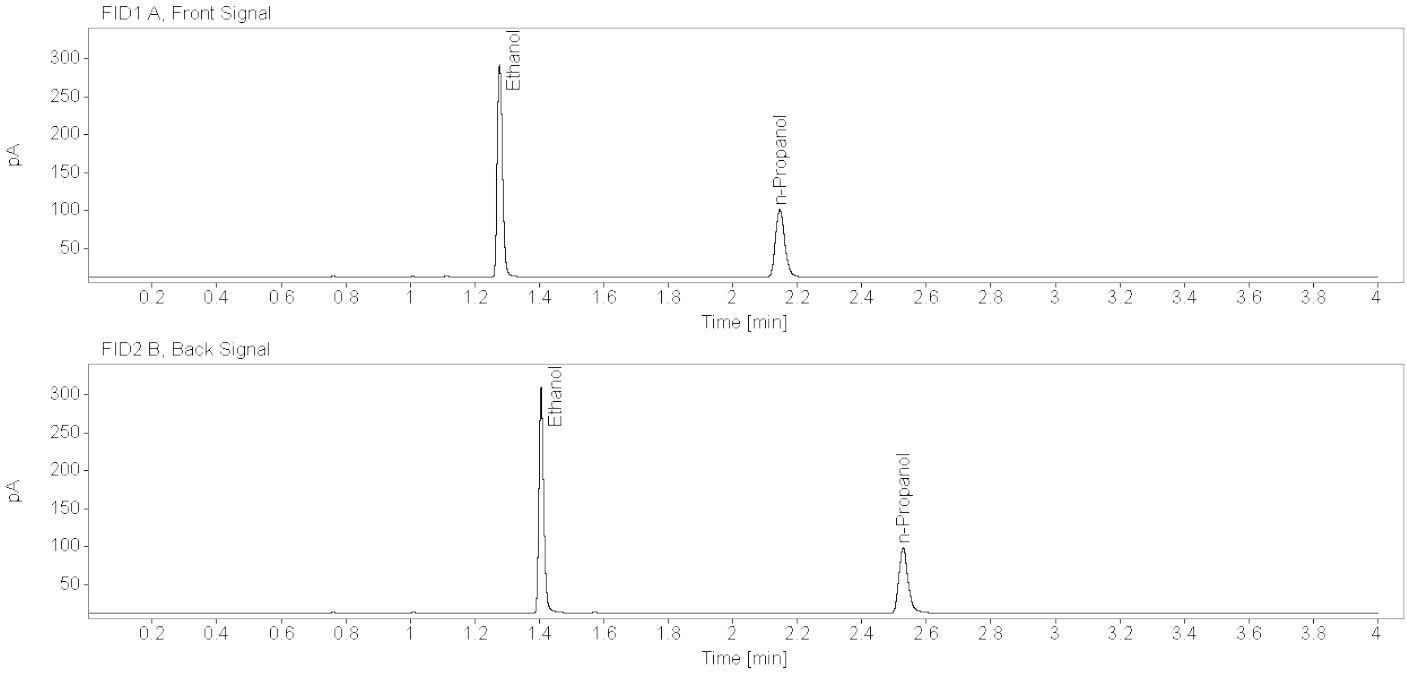
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0823 001_001 (25-0746) **Description:** Alq 1 **Sample Barcode** 25-0746 **Vial Number:** 38

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 2:50:25 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\038F3801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81153	1.278	1.277	313.8717	0.3140
n-Propanol	0.80403	2.146	2.145	178.9333	0.0100

Name FID2B

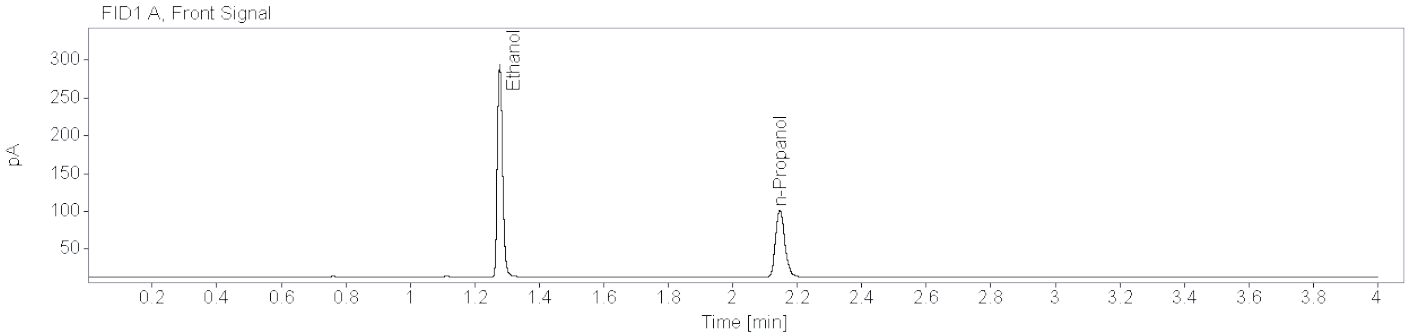
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78643	1.406	1.404	311.3401	0.3128
n-Propanol	0.80502	2.528	2.527	170.8162	0.0100

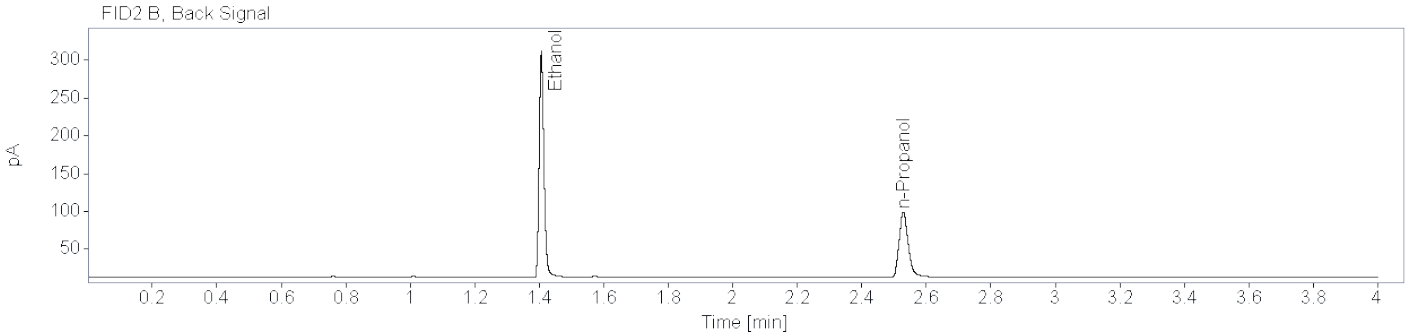
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0823 001_001 (25-0758) **Description:** Alq 2 **Sample Barcode** 25-0758 **Vial Number:** 50

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 3:52:50 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\050F5001.D





Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79470	1.278	1.277	314.2122	0.3146
n-Propanol	0.80130	2.146	2.145	178.8249	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79106	1.407	1.404	312.3290	0.3162
n-Propanol	0.79764	2.529	2.527	169.5491	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0824 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1184	Aliquot 1:	0.1175
	Aliquot 2:	0.1192	Aliquot 2:	0.1183

Reported Result: **0.118** **g/100 mL**

Reported UM: **0.019** **g/100 mL**

Comments:

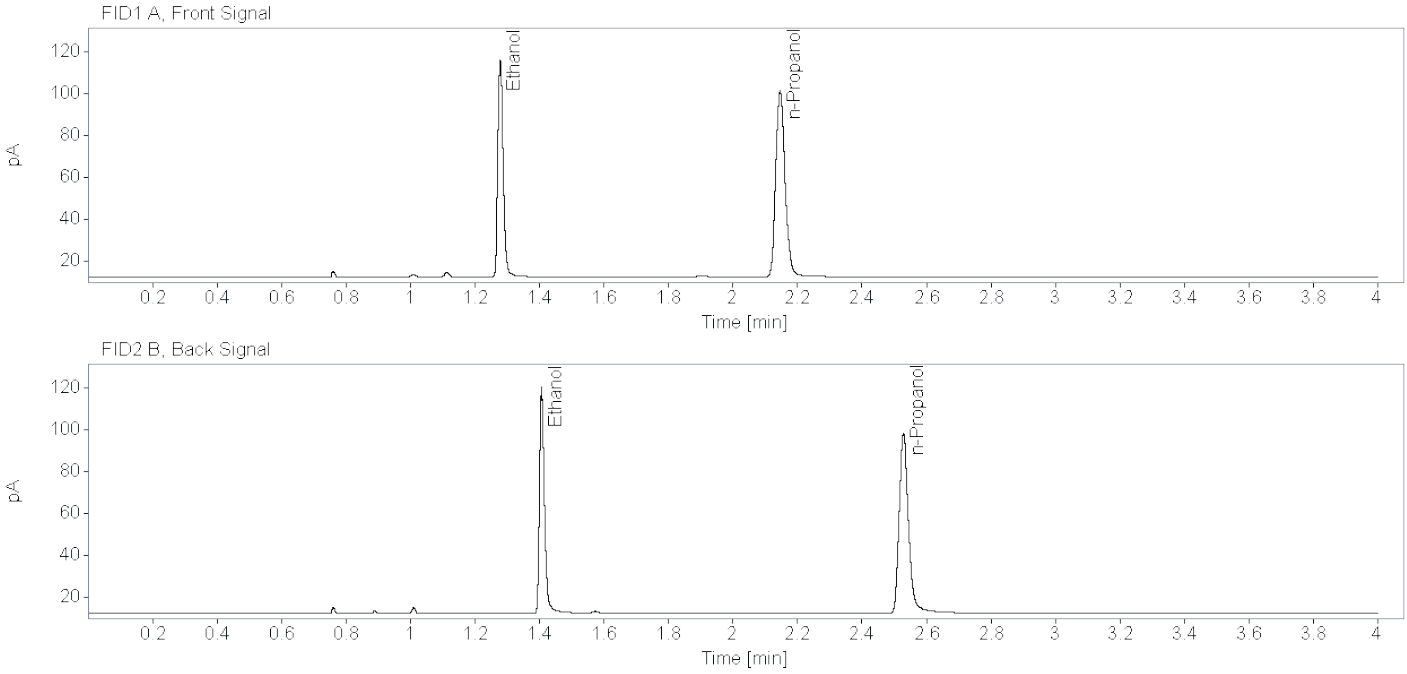
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0824 001_001 (25-0747) **Description:** Alq 1 **Sample Barcode** 25-0747 **Vial Number:** 39

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 2:56:06 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\039F3901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77483	1.278	1.277	116.9026	0.1184
n-Propanol	0.80209	2.146	2.145	177.4710	0.0100

Name FID2B

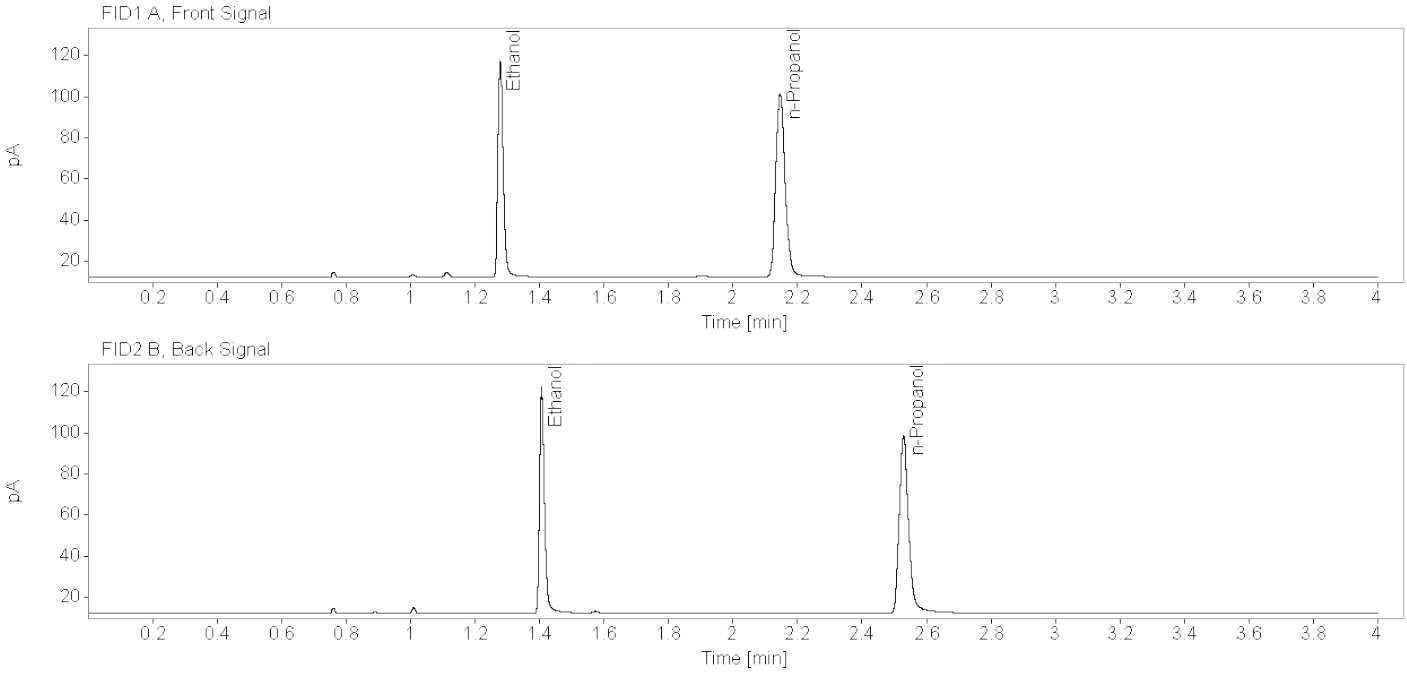
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73574	1.407	1.404	114.8187	0.1175
n-Propanol	0.80112	2.529	2.527	168.7842	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0824 001_001 (25-0757) **Description:** Alq 2 **Sample Barcode** 25-0757 **Vial Number:** 49

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 3:48:06 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\049F4901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76587	1.279	1.277	118.0853	0.1192
n-Propanol	0.80258	2.146	2.145	178.1814	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74650	1.407	1.404	116.5802	0.1183
n-Propanol	0.79035	2.529	2.527	170.2415	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0825 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1057	Aliquot 1:	0.1043
	Aliquot 2:	0.1079	Aliquot 2:	0.1078

Reported Result: **0.106** **g/100 mL**

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

Comments:

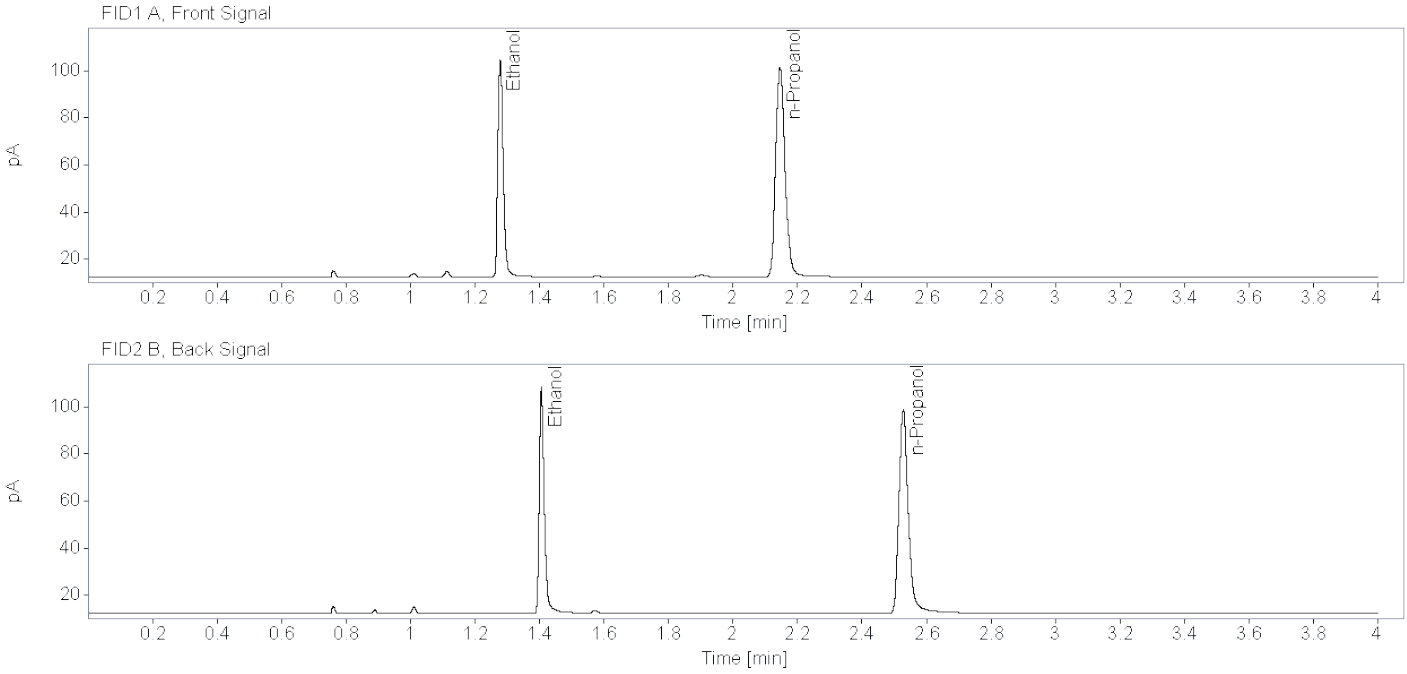
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0825 001_001 (25-0748) **Description:** Alq 1 **Sample Barcode** 25-0748 **Vial Number:** 40

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 3:00:49 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\040F4001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76179	1.278	1.277	104.6804	0.1057
n-Propanol	0.80258	2.146	2.145	178.2342	0.0100

Name FID2B

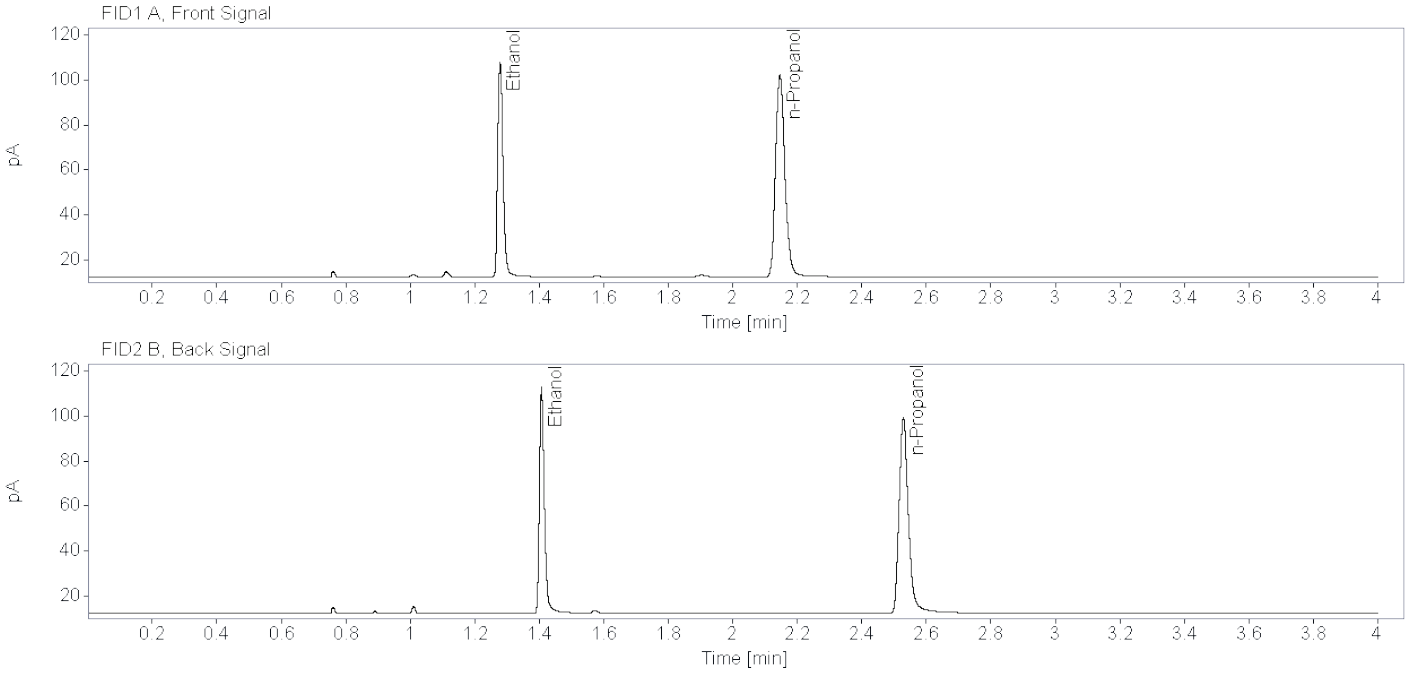
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71642	1.406	1.404	102.2963	0.1043
n-Propanol	0.79323	2.528	2.527	169.6792	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0825 001_001 (25-0756) **Description:** Alq 2 **Sample Barcode** 25-0756 **Vial Number:** 48

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 3:42:25 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\048F4801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76579	1.279	1.277	107.5908	0.1079
n-Propanol	0.80274	2.146	2.145	179.4422	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74568	1.407	1.404	106.4621	0.1078
n-Propanol	0.79601	2.529	2.527	170.7420	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0828 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1093	Aliquot 1:	0.1083
	Aliquot 2:	0.1079	Aliquot 2:	0.1071

Reported Result: **0.108** **g/100 mL**

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

Comments:

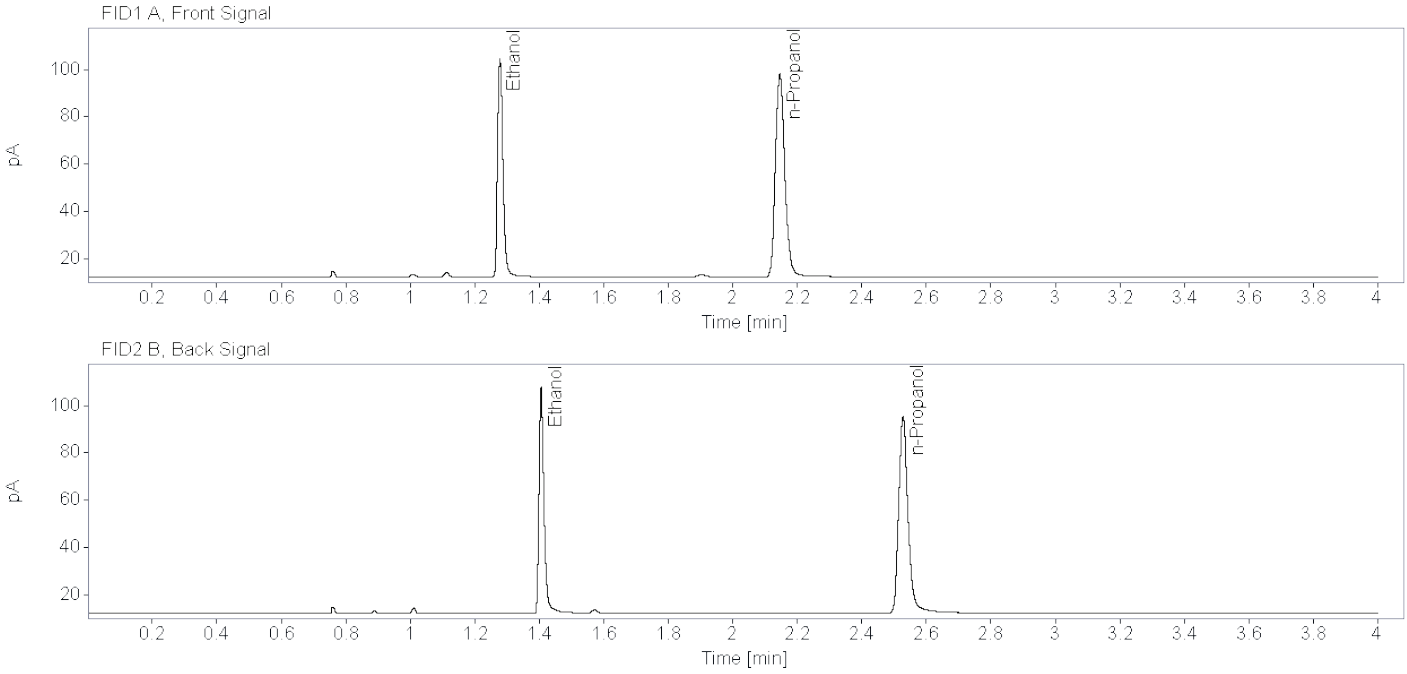
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0828 001_001 (25-0749) **Description:** Alq 1 **Sample Barcode** 25-0749 **Vial Number:** 41

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 3:06:30 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\041F4101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76056	1.278	1.277	104.1755	0.1093
n-Propanol	0.80052	2.146	2.145	171.5391	0.0100

Name FID2B

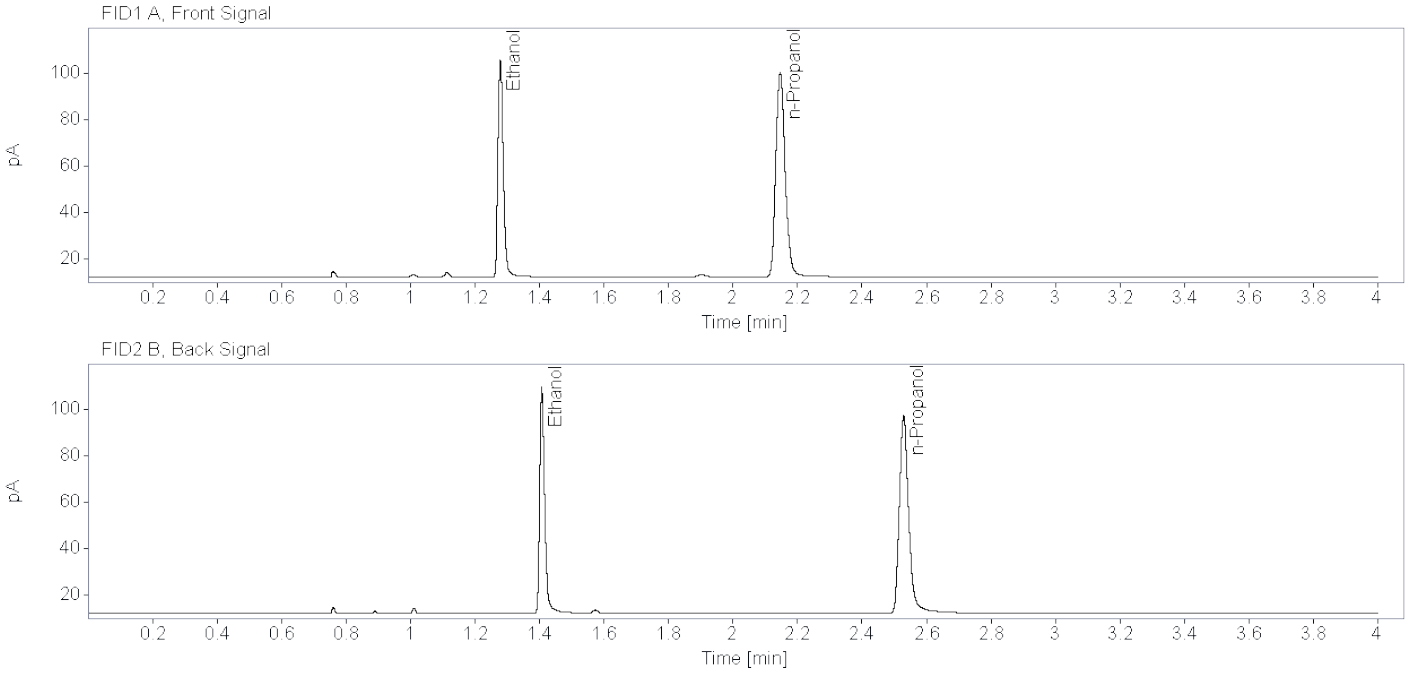
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71946	1.406	1.404	102.5417	0.1083
n-Propanol	0.79794	2.528	2.527	163.7612	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0828 001_001 (25-0755) **Description:** Alq 2 **Sample Barcode** 25-0755 **Vial Number:** 47

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 3:37:42 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\047F4701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76860	1.279	1.277	105.0441	0.1079
n-Propanol	0.80219	2.146	2.145	175.2370	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74586	1.407	1.404	103.5093	0.1071
n-Propanol	0.78852	2.529	2.527	167.1028	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0831 001_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1447	Aliquot 1:	0.1436
	Aliquot 2:	0.1420	Aliquot 2:	0.1406

Reported Result: **0.142** **g/100 mL**

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

Comments:

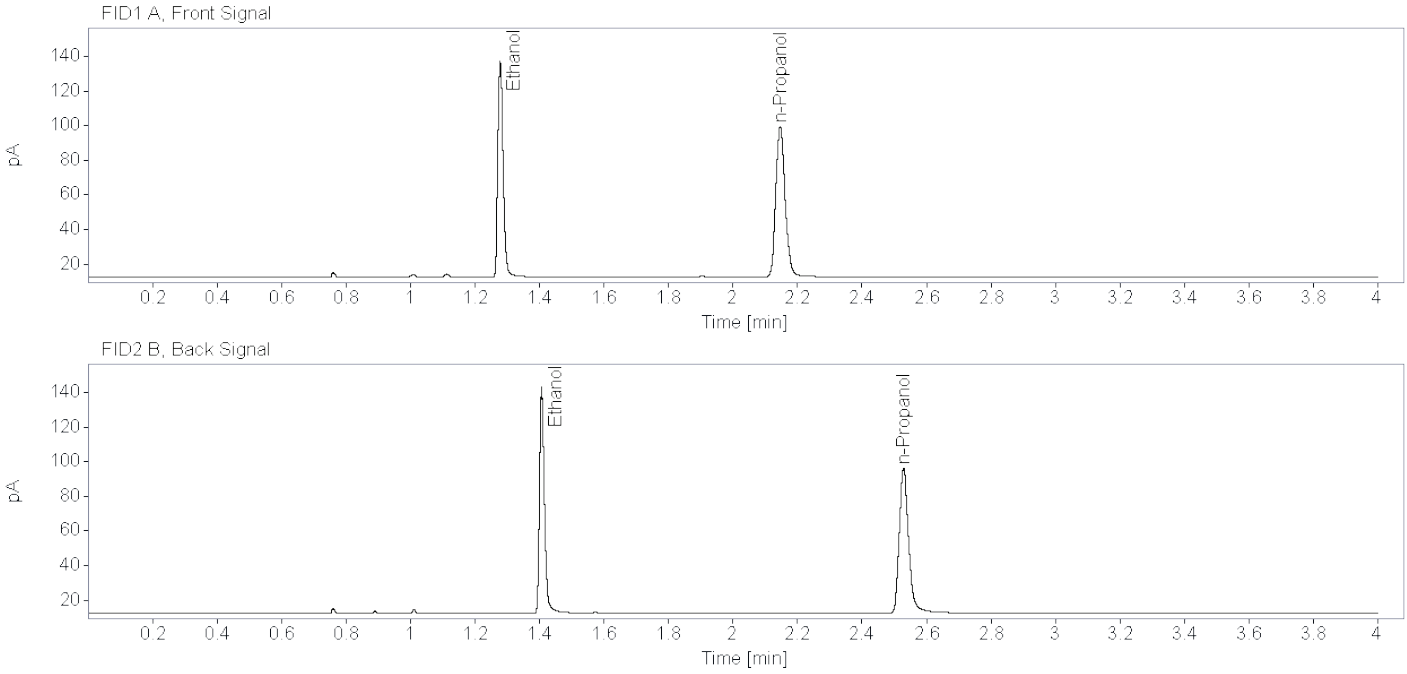
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0831 001_001 (25-0750) **Description:** Alq 1 **Sample Barcode** 25-0750 **Vial Number:** 42

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 3:11:13 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\042F4201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77459	1.278	1.277	140.3826	0.1447
n-Propanol	0.80479	2.146	2.145	174.2400	0.0100

Name FID2B

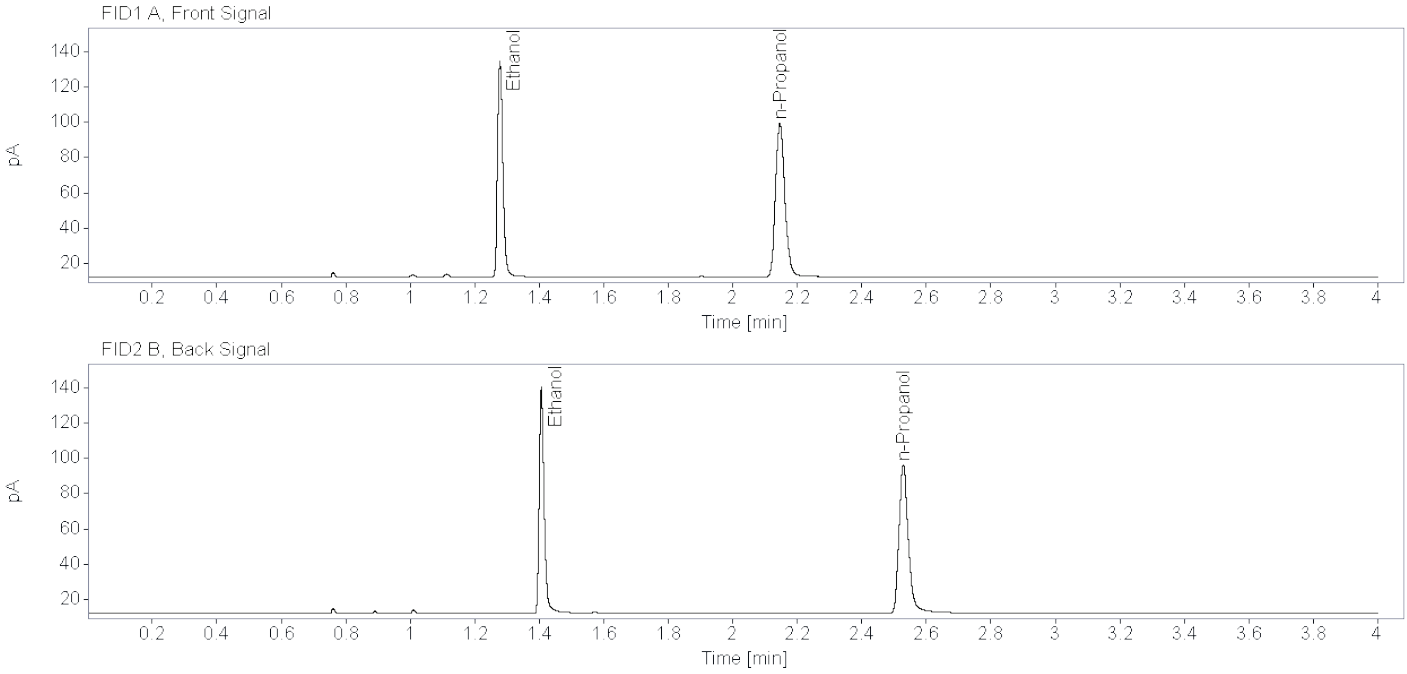
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75321	1.407	1.404	138.4099	0.1436
n-Propanol	0.78554	2.529	2.527	166.1599	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0831 001_001 (25-0754) **Description:** Alq 2 **Sample Barcode** 25-0754 **Vial Number:** 46

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 3:32:01 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\046F4601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77204	1.278	1.277	137.5847	0.1420
n-Propanol	0.80035	2.146	2.145	173.9775	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73039	1.407	1.404	135.0775	0.1406
n-Propanol	0.79775	2.529	2.527	165.6590	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0843 002_001

Batch Name: BAC_20250513_MH

Instrument: BAC-2

Analyst: Melissa Henry

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1123	Aliquot 1:	0.1110
	Aliquot 2:	0.1164	Aliquot 2:	0.1153

Reported Result: **0.113** **g/100 mL**

Reported UM: **0.018** **g/100 mL**

Comments:

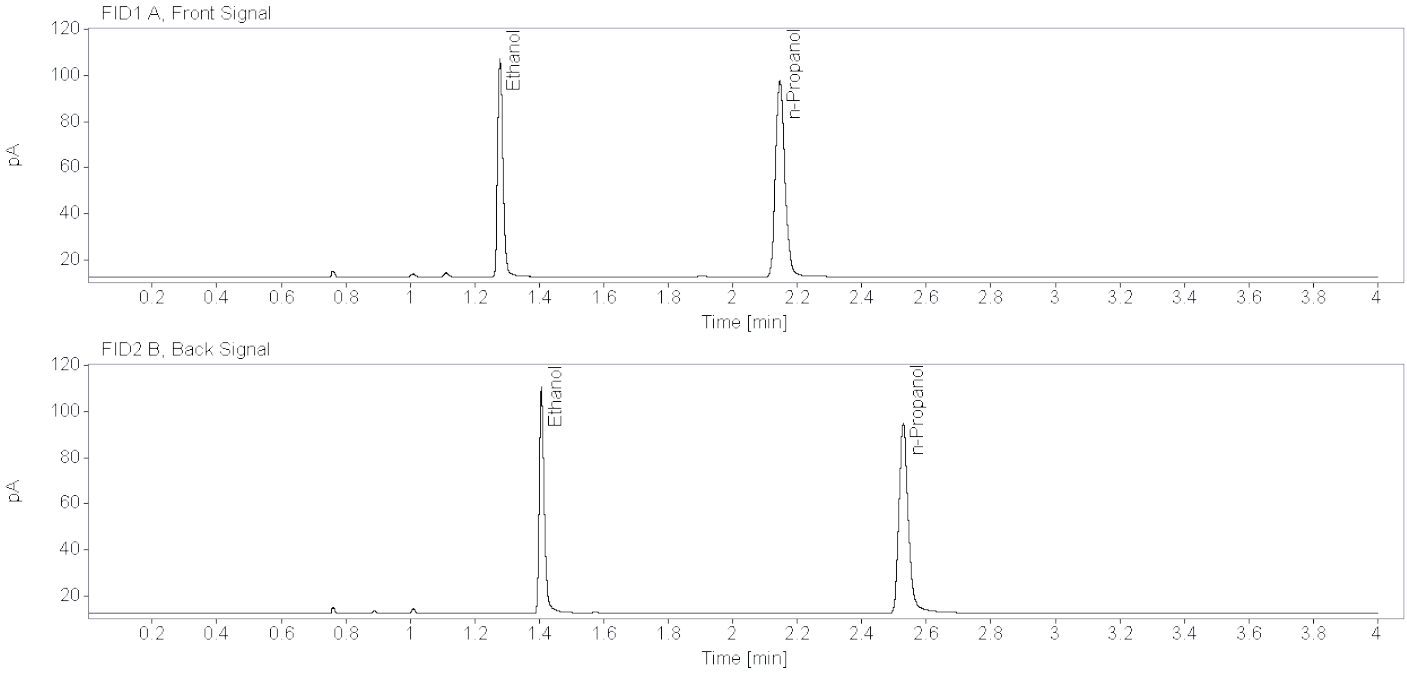
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0843 002_001 (25-0751) **Description:** Alq 1 **Sample Barcode** 25-0751 **Vial Number:** 43

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 3:16:54 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\043F4301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76721	1.279	1.277	106.7841	0.1123
n-Propanol	0.79997	2.146	2.145	170.9946	0.0100

Name FID2B

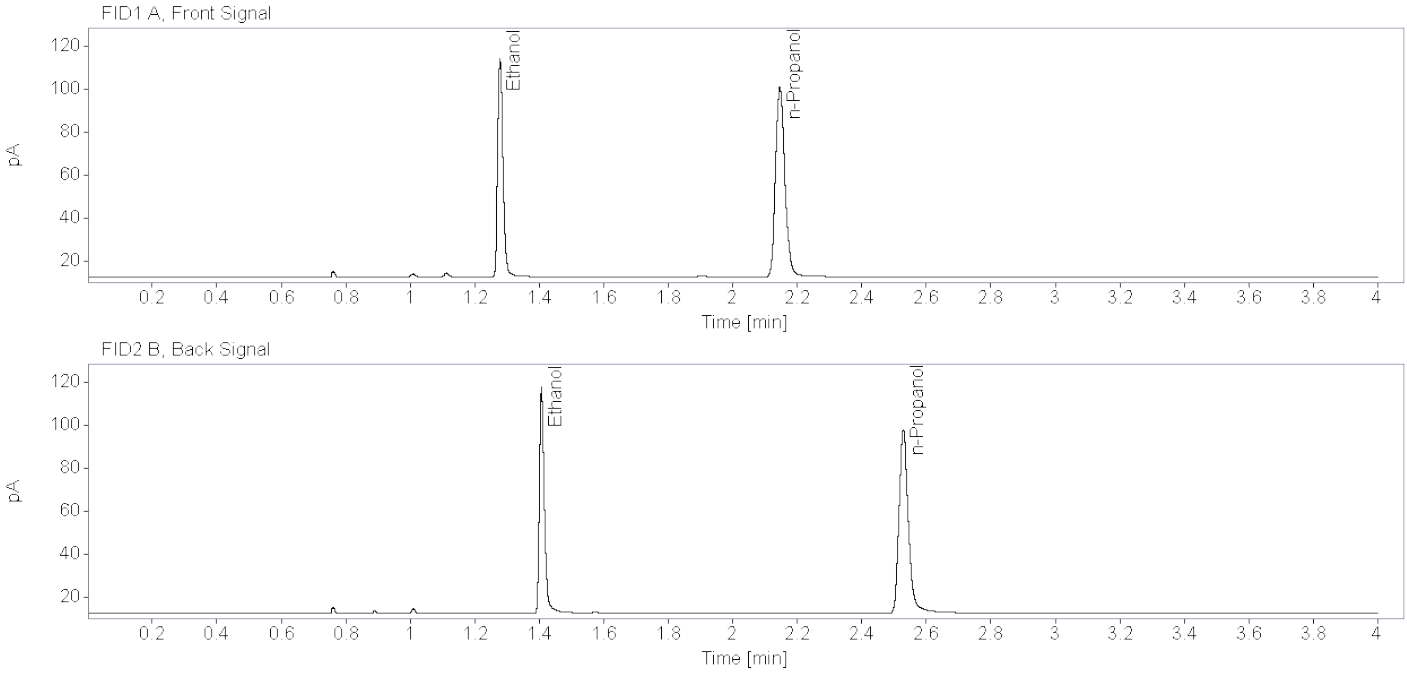
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71639	1.407	1.404	104.3548	0.1110
n-Propanol	0.79651	2.529	2.527	162.5465	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0843 002_001 (25-0753) **Description:** Alq 2 **Sample Barcode** 25-0753 **Vial Number:** 45

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 5/13/2025 3:27:18 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250513_MH 2025-05-13 11-28-28\045F4501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77090	1.279	1.277	114.5493	0.1164
n-Propanol	0.80004	2.146	2.145	176.9570	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71932	1.407	1.404	112.2290	0.1153
n-Propanol	0.79603	2.529	2.527	168.1978	0.0100