Brazoria County Crime Laboratory

BAC Batch Review Checklist

Batch Name: BAC_20250106_KB		Analyst Review	Technical Review
BAC Summary	Verify batch name, instrument, analyst, UM%, and QC targets	✓	✓
	Verify Cal 1 obtained values and IS area counts	✓	✓
	Verify IS of all QCs and samples fall within acceptable area count range	✓	✓
BAC Batch Information	IS/calibrators/QCs lot numbers, expiration dates, and inventory numbers listed	✓	✓
	Confirm standards and/or reagents made in-house are verified	✓	✓
	Pipette(s) listed	✓	✓
Sequence(s)	Verify date is consistent with batch date	✓	✓
	Verify method used for all samples is correct, and all pages accounted for	✓	✓
	Reviewer verified, initialed, and dated sequence	✓	✓
Method	Verify correct method is included, and all pages accounted for	✓	✓
Performance Check	Verify air blank and PC are acceptable	✓	✓
Calibration Table & Curve	Verify date is consistent with calibration date, and all pages accounted for	✓	✓
	Verify R^2 values are acceptable for ethanol	✓	✓
Data	Verify calibrator area counts listed in the calibration table for ethanol	✓	✓
	Verify chromatography, retention time, and symmetry values are acceptable for ethanol	✓	✓
	Verify calibrators and QCs are within acceptable range for ethanol	✓	✓
	Verify all cases listed on BAC summary have data	✓	✓
	Verify barcodes match	✓	✓
Ethanol Confirmation Worksheet(s)	Verify aliquot values against data for all case samples	✓	✓
	Verify Reported Result and UM for all case samples	✓	✓
JTrax	Verify Reported Result and Reported UM against BAC Confirmation Worksheet(s) for all case samples	✓	✓
Verify QCs were added to QC log		✓	✓
All comments and/or strikethroughs, if any, initialed		✓	✓
All printed pages initialed		✓	✓
Total number of pages	129	✓	✓

Analyst Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2025.01.17 09:55:49 -06'00'

Date: 1/17/2025

Technical Review

Signature: Melissa Henry Digitally signed by Melissa Henry Date: 2025.01.23 08:59:05 -06'00'

Date: 1/23/2025

Batch Name: BAC_20250106_KB

Technical Review Notes

Inventory number for calibrator 6 (0.400 g/100 mL) is incorrect on the batch information worksheet. -- 1/16/2025 mh

BAC Summary Worksheet

Batch Name:	BAC_20250106_KB
Instrument:	BAC-2
Analyst:	Kayla M. Baylor
UM%:	16.17
Units:	g/100 mL (unless otherwise stated)

		FID1	FID2
Average Calibrator IS Area Counts		178.1583	176.2596
Acceptance Range	Min	160.3425	158.6337
	Max	195.9741	193.8856

Calibrators	Ethanol Obtained Value FID1	Ethanol Obtained Value FID2	Ethanol Average	% Difference Average & Target	% Difference FID1 & Average	% Difference FID2 & Average	IS Area Counts FID1	IS Area Counts FID2
0.010 g/100mL Calibrator	0.0104	0.0105	0.0104	4.00	0.00	0.96	181.6631	180.2651
0.025 g/100mL Calibrator	0.0248	0.0247	0.0247	-1.20	0.40	0.00	176.5965	174.9424
0.050 g/100mL Calibrator	0.0494	0.0493	0.0493	-1.40	0.20	0.00	177.6646	175.7002
0.100 g/100mL Calibrator	0.0979	0.0975	0.0977	-2.30	0.20	-0.20	176.1764	174.4048
0.200 g/100mL Calibrator	0.1979	0.1977	0.1978	-1.10	0.05	-0.05	176.3796	174.3904
0.400 g/100mL Calibrator	0.3991	0.3991	0.3991	-0.23	0.00	0.00	182.6431	180.4180
0.500 g/100mL Calibrator	0.5056	0.5064	0.5060	1.20	-0.08	0.08	175.9847	173.6965

		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	-	-	-	178.1705	176.1629
High QC	0.4006	0.4019	0.4012	0.30	-0.15	0.17	177.4198	174.9561
Low QC	0.0801	0.0798	0.0799	-0.13	0.25	-0.13	175.0421	172.8225
Blood QC A	0.0788	0.0785	0.0786	-0.25	0.25	-0.13	176.4778	174.2086
Blood QC B	0.1963	0.1967	0.1965	2.50	-0.10	0.10	170.9192	167.8184
Blood QC A	0.0792	0.0799	0.0795	0.89	-0.38	0.50	178.1532	173.9695
Blood QC B	0.1995	0.1995	0.1995	4.07	0.00	0.00	166.6491	163.5751
Blood QC A	0.0826	0.0839	0.0832	5.58	-0.72	0.84	181.9881	177.6738
Blood QC B	0.2075	0.2101	0.2088	8.92	-0.62	0.62	175.7079	171.1493
Blood QC A	0.0789	0.0793	0.0791	0.38	-0.25	0.25	176.6708	171.5456
High QC	0.4125	0.4158	0.4141	3.53	-0.39	0.41	169.5695	166.0367
Low QC	0.0826	0.0828	0.0827	3.37	-0.12	0.12	168.9104	165.3000
DI Water	0.0000	0.0000	0.0000	-	-	-	175.8859	172.2964

		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	Alq1 FID2	Alq 2 FID1	Alq2 FID2	IS Area Counts Alq1 FID1	IS Area Counts Alq1 FID2	IS Area Counts Alq2 FID1	IS Area Counts Alq2 FID2
1	BCCL-24-2363 005_001	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	181.6158	179.9764	181.3977	176.3915
2	BCCL-24-2375 001_001	0.2374	0.2364	0.2471	0.2486	0.242	0.039	-2.05	-2.47	1.95	2.57	179.0157	177.0923	179.9677	175.8703
3	BCCL-24-2376 001_001	0.0912	0.0909	0.0918	0.0922	0.091	0.015	-0.36	-0.68	0.30	0.74	180.6564	178.7876	178.2545	174.6939
4	BCCL-24-2383 001_001	0.2188	0.2192	0.2249	0.2262	0.222	0.036	-1.56	-1.38	1.18	1.77	183.3766	181.1714	176.5517	172.9027
5	BCCL-24-2386 001_001	0.2151	0.2145	0.2352	0.2379	0.225	0.036	-4.69	-4.95	4.22	5.42	185.6949	183.9499	178.0004	173.6556
6	BCCL-24-2388 001_001	0.1620	0.1621	0.1717	0.1731	0.167	0.027	-3.12	-3.06	2.68	3.51	183.1790	180.6352	177.8092	173.8299
7	BCCL-24-2390 001_001	0.1149	0.1153	0.1172	0.1184	0.116	0.019	-1.33	-0.99	0.64	1.67	176.7375	173.9369	170.8589	166.9334
8	BCCL-24-2392 001_001	0.1265	0.1267	0.1258	0.1269	0.126	0.020	0.02	0.18	-0.53	0.34	176.9630	174.4130	174.5083	170.3672
9	BCCL-24-2393 001_001	0.1847	0.1856	0.1960	0.1986	0.191	0.031	-3.41	-2.94	2.50	3.86	178.6086	175.4344	181.3074	176.7603
10	BCCL-24-2394 001_001	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	178.7256	175.8905	182.9090	178.6921
11	BCCL-24-2395 001_001	0.2131	0.2130	0.2350	0.2378	0.224	0.036	-5.17	-5.22	4.57	5.82	177.3423	174.2927	182.7524	178.4442
12	BCCL-24-2396 001_001	0.0000	0.0000	0.0000	0.0000	none detected		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	177.6043	174.5811	180.2656	176.0927
13	BCCL-24-2398 001_001	0.1181	0.1189	0.1146	0.1157	0.116	0.019	1.09	1.78	-1.90	-0.96	181.0607	177.4166	182.4367	178.5009
14	BCCL-24-2400 001_001	0.3359	0.3389	0.3282	0.3308	0.333	0.054	0.73	1.63	-1.57	-0.79	182.7618	179.1389	178.7698	175.1202
15	BCCL-24-2406 001_001	0.0941	0.0949	0.0890	0.0896	0.091	0.015	2.39	3.26	-3.16	-2.50	175.9919	173.2186	173.9103	170.2840
16	BCCL-24-2409 001_001	0.1658	0.1676	0.1621	0.1642	0.164	0.027	0.53	1.62	-1.71	-0.44	179.1313	175.0082	180.9070	176.0074
17	BCCL-24-2412 001_001	0.0957	0.0961	0.0961	0.0970	0.097	0.016	-0.55	-0.13	-0.13	0.81	177.2040	173.9991	182.7157	178.2881
18	BCCL-24-2421 001_001	0.0879	0.0888	0.0910	0.0915	0.089	0.014	-2.12	-1.11	1.34	1.89	184.4510	180.4667	180.3255	176.7433
19	BCCL-24-2422 001_001	0.1977	0.1995	0.1930	0.1952	0.196	0.032	0.69	1.60	-1.71	-0.59	184.5347	180.5003	172.9245	169.3144
20	BCCL-24-2426 001_001	0.3726	0.3772	0.4032	0.4085	0.390	0.063	-4.55	-3.37	3.29	4.64	180.4712	176.0679	175.2112	170.9070
21	BCCL-24-2429 004_001	0.1969	0.1998	0.2109	0.2125	0.205	0.033	-3.96	-2.55	2.87	3.65	185.5672	181.0564	177.5561	173.7430
22	BCCL-24-2437 002_001	0.0237	0.0241	0.0229	0.0231	0.023	0.004	1.07	2.77	-2.35	-1.49	178.7169	175.9189	177.6430	174.0335
23	BCCL-24-2438 003_001	0.1156	0.1157	0.1100	0.1112	0.113	0.018	2.19	2.28	-2.76	-1.70	181.5415	177.8981	181.1994	177.6870
24	BCCL-25-0001 001_001	0.1267	0.1268	0.1352	0.1363	0.131	0.021	-3.47	-3.39	3.01	3.85	180.9660	177.0043	179.5961	175.4004
25	BCCL-25-0002 001_001	0.0577	0.0575	0.0590	0.0592	0.058	0.009	-1.11	-1.46	1.11	1.46	183.0726	178.9896	180.7123	176.8941

KB 1/13/2025

KB 1/13/2025

KB 1/13/2025

Blood QC A and B failed to meet acceptance criteria, outside 5% of target, positive case samples bracketed by these controls will be repeated -KB 1/14/2025

Okay to report negatives -KB 1/14/2025 Melissa Henry Digitally signed by Melissa Henry Date: 2025.01.17 08:46:11 -06'00'

Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2025.01.15 07:17:30 -06'00'

Brazoria County Crime Lab

BAC Batch Information

Batch Name: BAC-20250106-KB Analyst: Kayla M. Baylor Instrument: BAC-2

	Lot:	Expiration:	Inventory Number:
Cal 1	FN12272201	2/29/2028	S-23-5008O
Cal 2	FN03122112	3/31/2026	S-23-5009C
Cal 3	FN03172301	3/31/2028	S-23-5010F
Cal 4	FN03072301	3/31/2028	S-23-5011F
Cal 5	FN03132302	3/31/2028	S-23-5012E
Cal 6	FN03052102	3/31/2026	S-23-5013ØD -KB 1/16/2025
Cal 7	FN06262004	7/31/2025	S-23-5014G
High QC	30012020-A	1/31/2025	S-23-5015I
Low QC	517757	6/21/2025	S-24-5001I
Blood QC A	2401241	2/28/2028	S-24-5002E
Blood QC B	2302120	5/31/2027	S-24-5003E
Internal Standard	N/A	3/4/2025	R-24-5006
Pipette(s)	5053, 205L		

Comments:

New High QC lot#12052023-B inventory # S-24-5080A exp: 5/31/2028
run to check concentration before use -KB 1/17/2025

KB

BAC-20250106-KB

BCCL ANALYTICAL WORKLIST

ANALYST: Kayla Baylor

Worklist ID: V73EXQQXTZAJCT

Case #	Evid #	Evid Type	Service
BCCL-24-2363	005_001	Blood	Alcohol
BCCL-24-2375	001_001	Blood	Alcohol
BCCL-24-2376	001_001	Blood	Alcohol
BCCL-24-2383	001_001	Blood	Alcohol
BCCL-24-2386	001_001	Blood	Alcohol
BCCL-24-2388	001_001	Blood	Alcohol
BCCL-24-2390	001_001	Blood	Alcohol
BCCL-24-2392	001_001	Blood	Alcohol
BCCL-24-2393	001_001	Blood	Alcohol
BCCL-24-2394	001_001	Blood	Alcohol
BCCL-24-2395	001_001	Blood	Alcohol
BCCL-24-2396	001_001	Blood	Alcohol
BCCL-24-2398	001_001	Blood	Alcohol

KB

BAC-20250106-KB

Case #	Evid #	Evid Type	Service
BCCL-24-2400	001_001	Blood	Alcohol
BCCL-24-2406	001_001	Blood	Alcohol
BCCL-24-2409	001_001	Blood	Alcohol
BCCL-24-2412	001_001	Blood	Alcohol
BCCL-24-2421	001_001	Blood	Alcohol
BCCL-24-2422	001_001	Blood	Alcohol
BCCL-24-2426	001_001	Blood	Alcohol
BCCL-24-2429	004_001	Blood	Alcohol
BCCL-24-2437	002_001	Blood	Alcohol
BCCL-24-2438	003_001	Blood	Alcohol
BCCL-25-0001	001_001	Blood	Alcohol
BCCL-25-0002	001_001	Blood	Alcohol

KB

SEQUENCE PARAMETERS

Sequence : C:\CHEM32\2\SEQUENCE\2025\BAC_20250106_KB.S
Operator : Kayla M. Baylor
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:

sequence verified
1/6/2025 mh

==========

Line : 1
Location : 1
Sample Information :
Sample Name : 0.010 g/100mL Cal (25-0001)
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 (25-0002)
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 (25-0003)
Method Name : BAC
Sample Type : Calibration

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

KB

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Line                : 4
Location            : 4
Sample Information  :
Sample Name         : 0.100 g/100mL Cal (25-0004)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 4
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

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Line                : 5
Location            : 5
Sample Information  :
Sample Name         : 0.200 g/100mL Cal (25-0005)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 5
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

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Line                : 6
Location            : 6
Sample Information  :
Sample Name         : 0.400 g/100mL Cal (25-0006)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 6
Update RF           : Replace
Update RT           : Replace
--------------------------------------------------------------------------------

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Line                : 7
Location            : 7
Sample Information  :
Sample Name         : 0.500 g/100mL Cal (25-0007)
Method Name         : BAC
Sample Type         : Calibration
--------------------------------------------------------------------------------
Calibration Level   : 7
Update RF           : Replace
Update RT           : Replace
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Line                : 8
Location            : 8
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Sample Information :
Sample Name : Negative (25-0008)
Method Name : BAC
Sample Type : Sample

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Line : 9
Location : 9
Sample Information :
Sample Name : High QC (25-0009)
Method Name : BAC
Sample Type : Sample

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Line : 10
Location : 10
Sample Information :
Sample Name : Low QC (25-0010)
Method Name : BAC
Sample Type : Sample

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Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (25-0011)
Method Name : BAC
Sample Type : Sample

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Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-24-2363 005_001 (25-0012)
Method Name : BAC
Sample Type : Sample

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Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-24-2375 001_001 (25-0013)
Method Name : BAC
Sample Type : Sample

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Line : 14
Location : 14

KB

Sample Information : Alq 1
Sample Name : BCCL-24-2376 001_001 (25-0014)
Method Name : BAC
Sample Type : Sample

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Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-24-2383 001_001 (25-0015)
Method Name : BAC
Sample Type : Sample

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Line : 16
Location : 16
Sample Information : Alq 1
Sample Name : BCCL-24-2386 001_001 (25-0016)
Method Name : BAC
Sample Type : Sample

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Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-24-2388 001_001 (25-0017)
Method Name : BAC
Sample Type : Sample

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Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-24-2390 001_001 (25-0018)
Method Name : BAC
Sample Type : Sample

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Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-24-2392 001_001 (25-0019)
Method Name : BAC
Sample Type : Sample

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Line : 20
Location : 20

Sample Information : Alq 1
Sample Name : BCCL-24-2393 001_001 (25-0020)
Method Name : BAC
Sample Type : Sample

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Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-24-2394 001_001 (25-0021)
Method Name : BAC
Sample Type : Sample

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Line : 22
Location : 22
Sample Information :
Sample Name : Blood QC B (25-0022)
Method Name : BAC
Sample Type : Sample

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Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-24-2395 001_001 (25-0023)
Method Name : BAC
Sample Type : Sample

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Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-24-2396 001_001 (25-0024)
Method Name : BAC
Sample Type : Sample

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Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-24-2398 001_001 (25-0025)
Method Name : BAC
Sample Type : Sample

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Line : 26
Location : 26

KB

Sample Information : Alq 1
Sample Name : BCCL-24-2400 001_001 (25-0026)
Method Name : BAC
Sample Type : Sample

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Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-24-2406 001_001 (25-0027)
Method Name : BAC
Sample Type : Sample

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Line : 28
Location : 28
Sample Information : Alq 1
Sample Name : BCCL-24-2409 001_001 (25-0028)
Method Name : BAC
Sample Type : Sample

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Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-24-2412 001_001 (25-0029)
Method Name : BAC
Sample Type : Sample

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Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-24-2421 001_001 (25-0030)
Method Name : BAC
Sample Type : Sample

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Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-24-2422 001_001 (25-0031)
Method Name : BAC
Sample Type : Sample

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Line : 32
Location : 32

Sample Information : Alq 1
Sample Name : BCCL-24-2426 001_001 (25-0032)
Method Name : BAC
Sample Type : Sample

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Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (25-0033)
Method Name : BAC
Sample Type : Sample

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Line : 34
Location : 34
Sample Information : Alq 1
Sample Name : BCCL-24-2429 004_001 (25-0034)
Method Name : BAC
Sample Type : Sample

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Line : 35
Location : 35
Sample Information : Alq 1
Sample Name : BCCL-24-2437 002_001 (25-0035)
Method Name : BAC
Sample Type : Sample

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Line : 36
Location : 36
Sample Information : Alq 1
Sample Name : BCCL-24-2438 003_001 (25-0036)
Method Name : BAC
Sample Type : Sample

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Line : 37
Location : 37
Sample Information : Alq 1
Sample Name : BCCL-25-0001 001_001 (25-0037)
Method Name : BAC
Sample Type : Sample

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Line : 38
Location : 38

KB

Sample Information : Alq 1
Sample Name : BCCL-25-0002 001_001 (25-0038)
Method Name : BAC
Sample Type : Sample

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Line : 39
Location : 39
Sample Information :
Sample Name : Blood QC B (25-0039)
Method Name : BAC
Sample Type : Sample

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Line : 40
Location : 40
Sample Information : Alq 2
Sample Name : BCCL-25-0002 001_001 (25-0040)
Method Name : BAC
Sample Type : Sample

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Line : 41
Location : 41
Sample Information : Alq 2
Sample Name : BCCL-25-0001 001_001 (25-0041)
Method Name : BAC
Sample Type : Sample

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Line : 42
Location : 42
Sample Information : Alq 2
Sample Name : BCCL-24-2438 003_001 (25-0042)
Method Name : BAC
Sample Type : Sample

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Line : 43
Location : 43
Sample Information : Alq 2
Sample Name : BCCL-24-2437 002_001 (25-0043)
Method Name : BAC
Sample Type : Sample

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Line : 44
Location : 44

KB

Sample Information : Alq 2
Sample Name : BCCL-24-2429 004_001 (25-0044)
Method Name : BAC
Sample Type : Sample

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Line : 45
Location : 45
Sample Information :
Sample Name : Blood QC A (25-0045)
Method Name : BAC
Sample Type : Sample

==========

Line : 46
Location : 46
Sample Information : Alq 2
Sample Name : BCCL-24-2426 001_001 (25-0046)
Method Name : BAC
Sample Type : Sample

==========

Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-24-2422 001_001 (25-0047)
Method Name : BAC
Sample Type : Sample

==========

Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-24-2421 001_001 (25-0048)
Method Name : BAC
Sample Type : Sample

==========

Line : 49
Location : 49
Sample Information : Alq 2
Sample Name : BCCL-24-2412 001_001 (25-0049)
Method Name : BAC
Sample Type : Sample

==========

Line : 50
Location : 50

KB

Sample Information : Alq 2
Sample Name : BCCL-24-2409 001_001 (25-0050)
Method Name : BAC
Sample Type : Sample

==========

Line : 51
Location : 51
Sample Information : Alq 2
Sample Name : BCCL-24-2406 001_001 (25-0051)
Method Name : BAC
Sample Type : Sample

==========

Line : 52
Location : 52
Sample Information : Alq 2
Sample Name : BCCL-24-2400 001_001 (25-0052)
Method Name : BAC
Sample Type : Sample

==========

Line : 53
Location : 53
Sample Information : Alq 2
Sample Name : BCCL-24-2398 001_001 (25-0053)
Method Name : BAC
Sample Type : Sample

==========

Line : 54
Location : 54
Sample Information : Alq 2
Sample Name : BCCL-24-2396 001_001 (25-0054)
Method Name : BAC
Sample Type : Sample

==========

Line : 55
Location : 55
Sample Information : Alq 2
Sample Name : BCCL-24-2395 001_001 (25-0055)
Method Name : BAC
Sample Type : Sample

==========

Line : 56
Location : 56

KB

Sample Information :
Sample Name : Blood QC B (25-0056)
Method Name : BAC
Sample Type : Sample

==========

Line : 57
Location : 57
Sample Information : Alq 2
Sample Name : BCCL-24-2394 001_001 (25-0057)
Method Name : BAC
Sample Type : Sample

==========

Line : 58
Location : 58
Sample Information : Alq 2
Sample Name : BCCL-24-2393 001_001 (25-0058)
Method Name : BAC
Sample Type : Sample

==========

Line : 59
Location : 59
Sample Information : Alq 2
Sample Name : BCCL-24-2392 001_001 (25-0059)
Method Name : BAC
Sample Type : Sample

==========

Line : 60
Location : 60
Sample Information : Alq 2
Sample Name : BCCL-24-2390 001_001 (25-0060)
Method Name : BAC
Sample Type : Sample

==========

Line : 61
Location : 61
Sample Information : Alq 2
Sample Name : BCCL-24-2388 001_001 (25-0061)
Method Name : BAC
Sample Type : Sample

==========

Line : 62
Location : 62

KB

Sample Information : Alq 2
Sample Name : BCCL-24-2386 001_001 (25-0062)
Method Name : BAC
Sample Type : Sample

Line : 63
Location : 63
Sample Information : Alq 2
Sample Name : BCCL-24-2383 001_001 (25-0063)
Method Name : BAC
Sample Type : Sample

Line : 64
Location : 64
Sample Information : Alq 2
Sample Name : BCCL-24-2376 001_001 (25-0064)
Method Name : BAC
Sample Type : Sample

Line : 65
Location : 65
Sample Information : Alq 2
Sample Name : BCCL-24-2375 001_001 (25-0065)
Method Name : BAC
Sample Type : Sample

Line : 66
Location : 66
Sample Information : Alq 2
Sample Name : BCCL-24-2363 005_001 (25-0066)
Method Name : BAC
Sample Type : Sample

Line : 67
Location : 67
Sample Information :
Sample Name : Blood QC A (25-0067)
Method Name : BAC
Sample Type : Sample

Line : 68
Location : 68

KB

Sample Information :
Sample Name : High QC (25-0068)
Method Name : BAC
Sample Type : Sample

==========

Line : 69
Location : 69
Sample Information :
Sample Name : Low QC (25-0069)
Method Name : BAC
Sample Type : Sample

==========

Line : 70
Location : 70
Sample Information :
Sample Name : new High QC (25-0070)
Method Name : BAC
Sample Type : Sample

==========

Line : 71
Location : 71
Sample Information :
Sample Name : new High QC (25-0071)
Method Name : BAC
Sample Type : Sample

==========

Line : 72
Location : 72
Sample Information :
Sample Name : DI Water (25-0072)
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

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Agilent 7890B

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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

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Agilent 7697A

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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

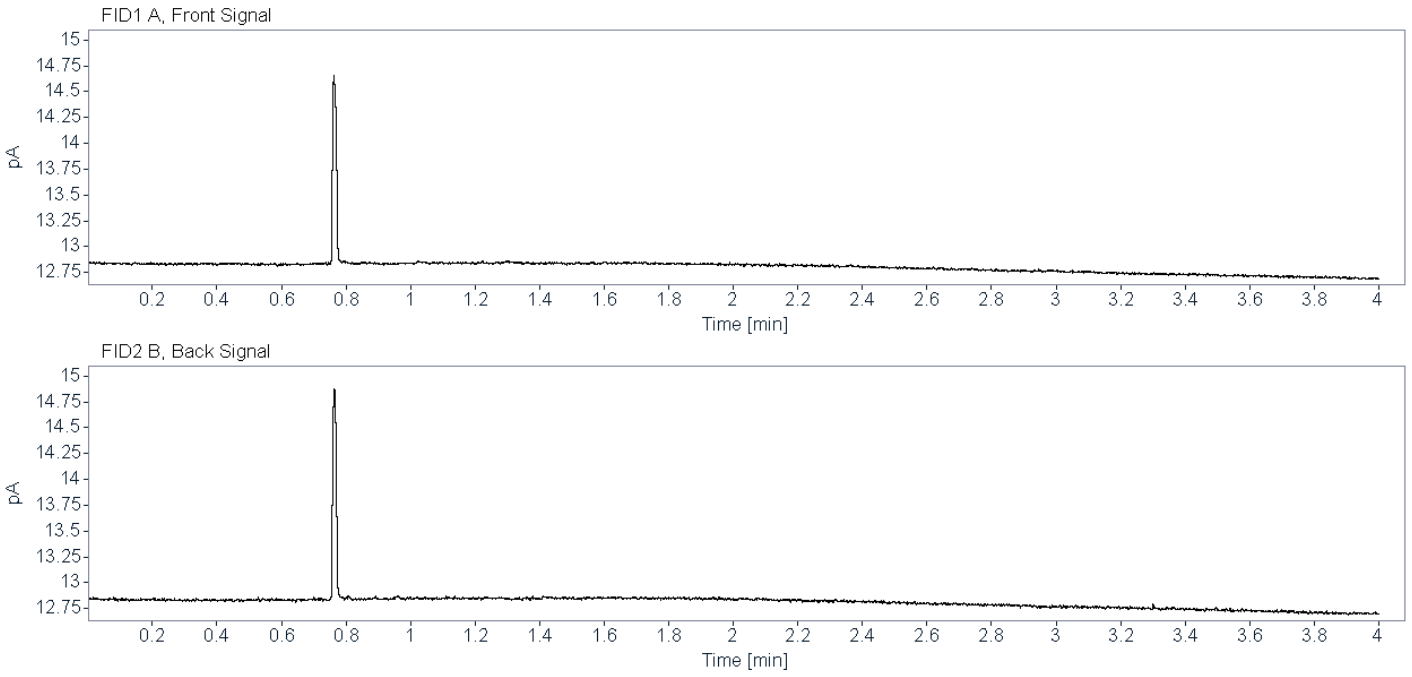
Apply Method's Manual Integration Events: No

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

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

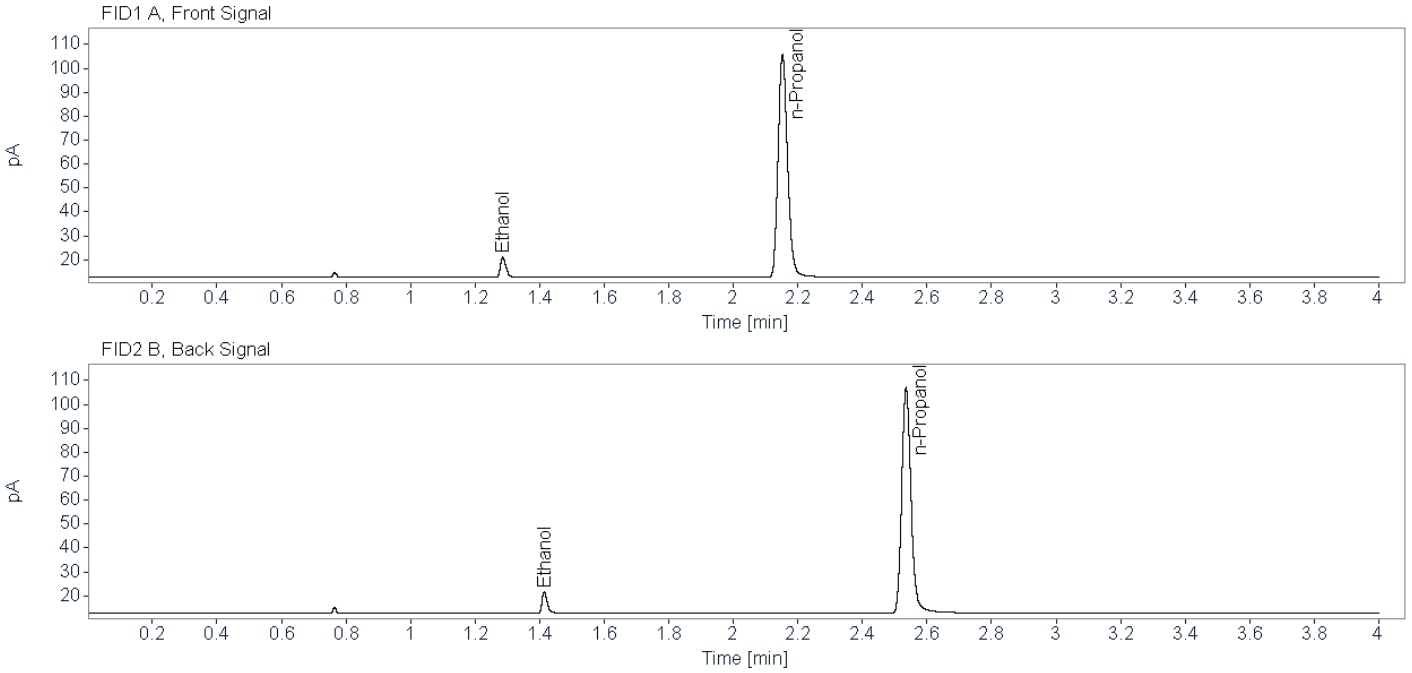
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 7:43:10 AM

Data File: C:\Chem32\2\Data\2025\BAC_20250106PC_KB 2025-01-06 07-33-13\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:** 1/6/2025 7:47:52 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250106PC_KB 2025-01-06 07-33-13\002F0201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75337	1.286	1.287	10.1092	0.0118
n-Propanol	0.80887	2.152	2.154	188.3447	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70752	1.414	1.416	9.9373	0.0121
n-Propanol	0.83696	2.536	2.538	185.9024	0.0100

Calibration Table

General Calibration Setting

Calib. Data Modified : 1/7/2025 6:25:00 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
1.281	1	1	1.00000e-2	9.68205	1.03284e-3	No	No	1	Ethanol
		2	2.50000e-2	23.71667	1.05411e-3				
		3	5.00000e-2	48.54641	1.02994e-3				
		4	1.00000e-1	96.47250	1.03656e-3				
		5	2.00000e-1	196.18030	1.01947e-3				
		6	4.00000e-1	410.72552	9.73886e-4				
		7	5.00000e-1	501.53494	9.96940e-4				
1.409	2	1	1.00000e-2	9.54887	1.04724e-3	No	No	2	Ethanol
		2	2.50000e-2	23.65029	1.05707e-3				
		3	5.00000e-2	48.84430	1.02366e-3				
		4	1.00000e-1	97.24561	1.02832e-3				
		5	2.00000e-1	198.54256	1.00734e-3				
		6	4.00000e-1	416.18146	9.61119e-4				
		7	5.00000e-1	508.67636	9.82943e-4				
2.152	1	1	1.00000e-2	181.66307	5.50470e-5	No	Yes	1	n-Propanol
		2	1.00000e-2	176.59651	5.66263e-5				
		3	1.00000e-2	177.66457	5.62858e-5				
		4	1.00000e-2	176.17638	5.67613e-5				
		5	1.00000e-2	176.37961	5.66959e-5				
		6	1.00000e-2	182.64311	5.47516e-5				
		7	1.00000e-2	175.98470	5.68231e-5				
2.535	2	1	1.00000e-2	180.26511	5.54739e-5	No	Yes	2	n-Propanol
		2	1.00000e-2	174.94235	5.71617e-5				
		3	1.00000e-2	175.70020	5.69151e-5				
		4	1.00000e-2	174.40482	5.73379e-5				
		5	1.00000e-2	174.39035	5.73426e-5				
		6	1.00000e-2	180.41801	5.54268e-5				
		7	1.00000e-2	173.69655	5.75717e-5				

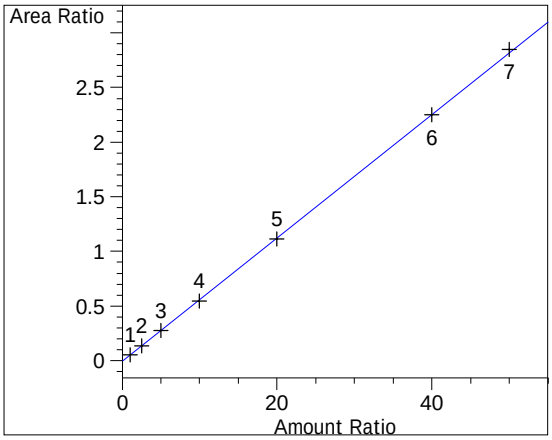
Peak Sum Table

No Entries in table

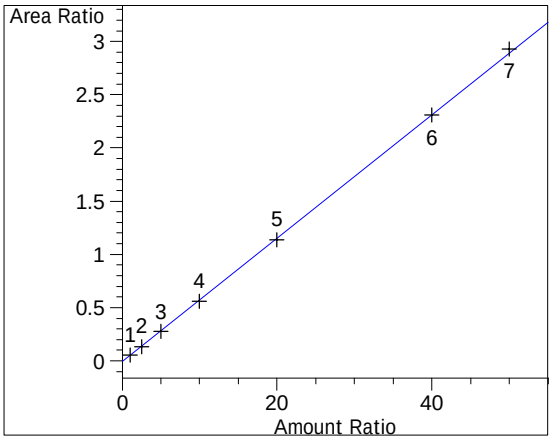
1 Warnings or Errors :

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

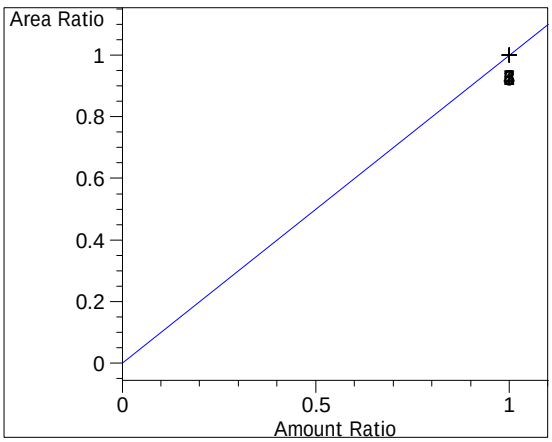
Calibration Curves



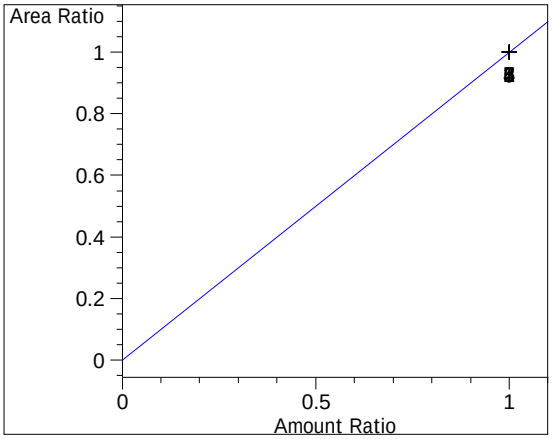
Ethanol at exp. RT: 1.281
FID1 A, Front Signal
Correlation: 0.99992
Residual Std. Dev.: 0.01616
Formula: y = mx + b
m: 5.64802e-2
b: -5.60679e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.396852
Level 3 : 0.195049
Level 4 : 0.09733
Level 5 : 0.047917
Level 6 : 0.0237
Level 7 : 0.018701



Ethanol at exp. RT: 1.409
FID2 B, Back Signal
Correlation: 0.99989
Residual Std. Dev.: 0.01898
Formula: y = mx + b
m: 5.79914e-2
b: -7.94389e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.391831
Level 3 : 0.190545
Level 4 : 0.095001
Level 5 : 0.046527
Level 6 : 0.022963
Level 7 : 0.018088



n-Propanol at exp. RT: 2.152
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

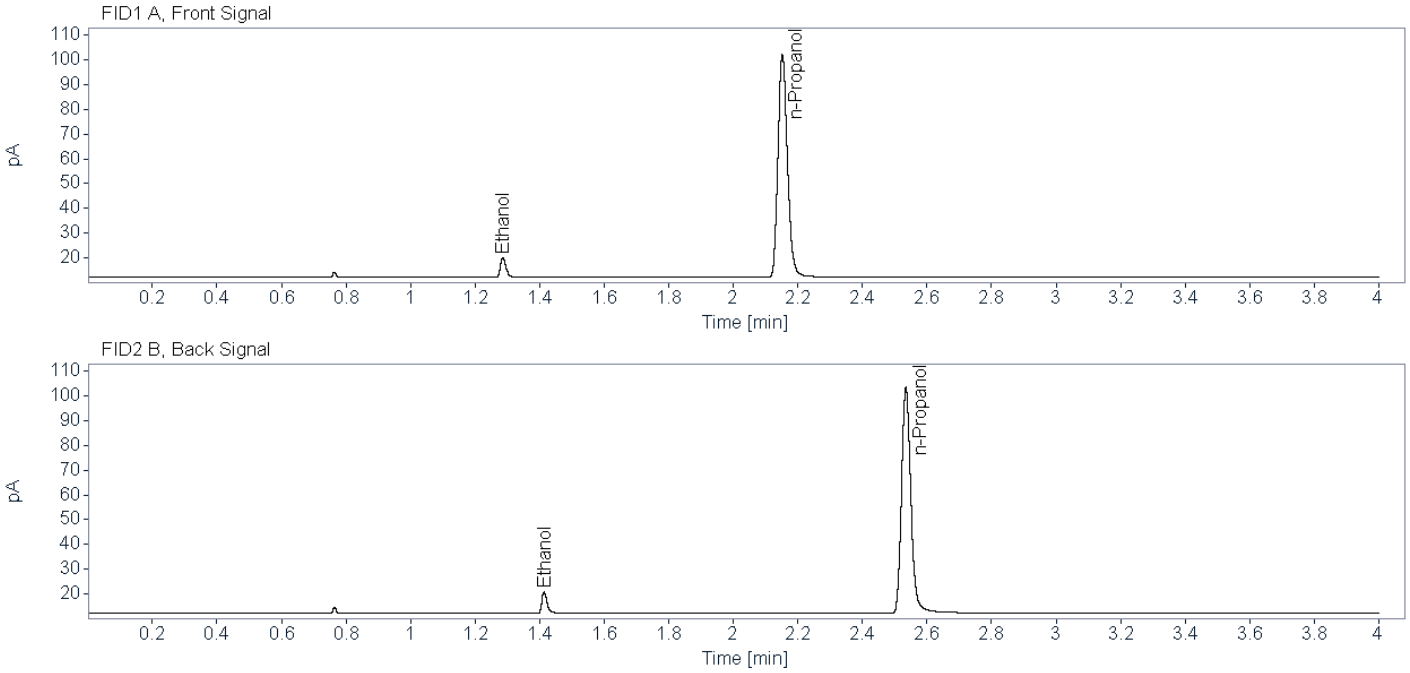


n-Propanol at exp. RT: 2.535
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

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Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.010 g/100mL Cal (25-0001) **Description:** **Sample Barcode** 25-0001 **Vial Number:** 1
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 10:20:51 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\001F0101.D



Name FID1A

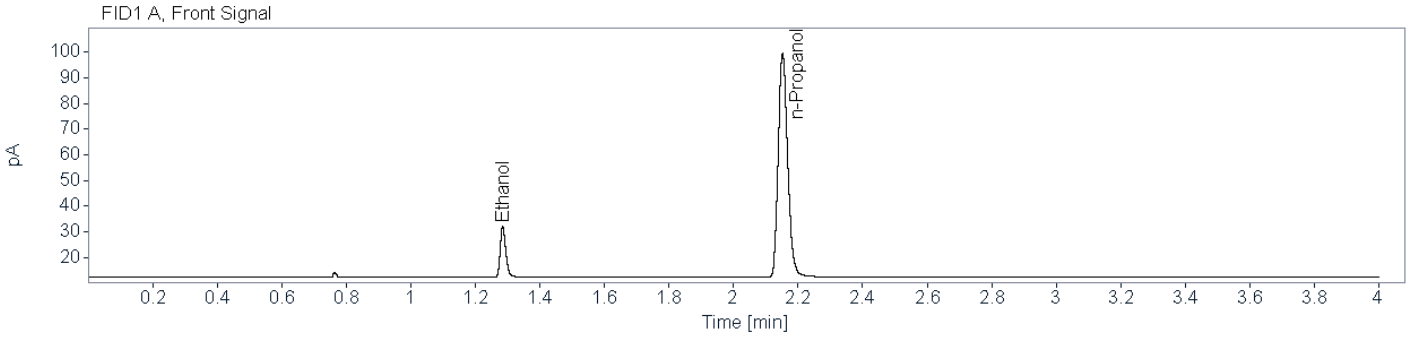
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74344	1.286	1.286	9.6820	0.0104
n-Propanol	0.81404	2.152	2.152	181.6631	0.0100

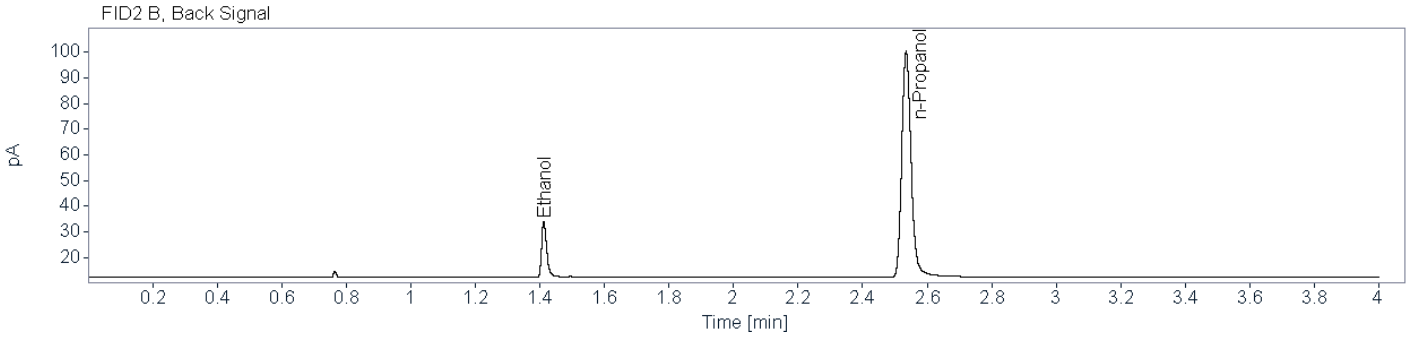
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70371	1.414	1.414	9.5489	0.0105
n-Propanol	0.83602	2.535	2.535	180.2651	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.025 g/100mL Cal (25-0002) **Description:** **Sample Barcode** 25-0002 **Vial Number:** 2
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 10:25:34 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\002F0201.D





Name FID1A

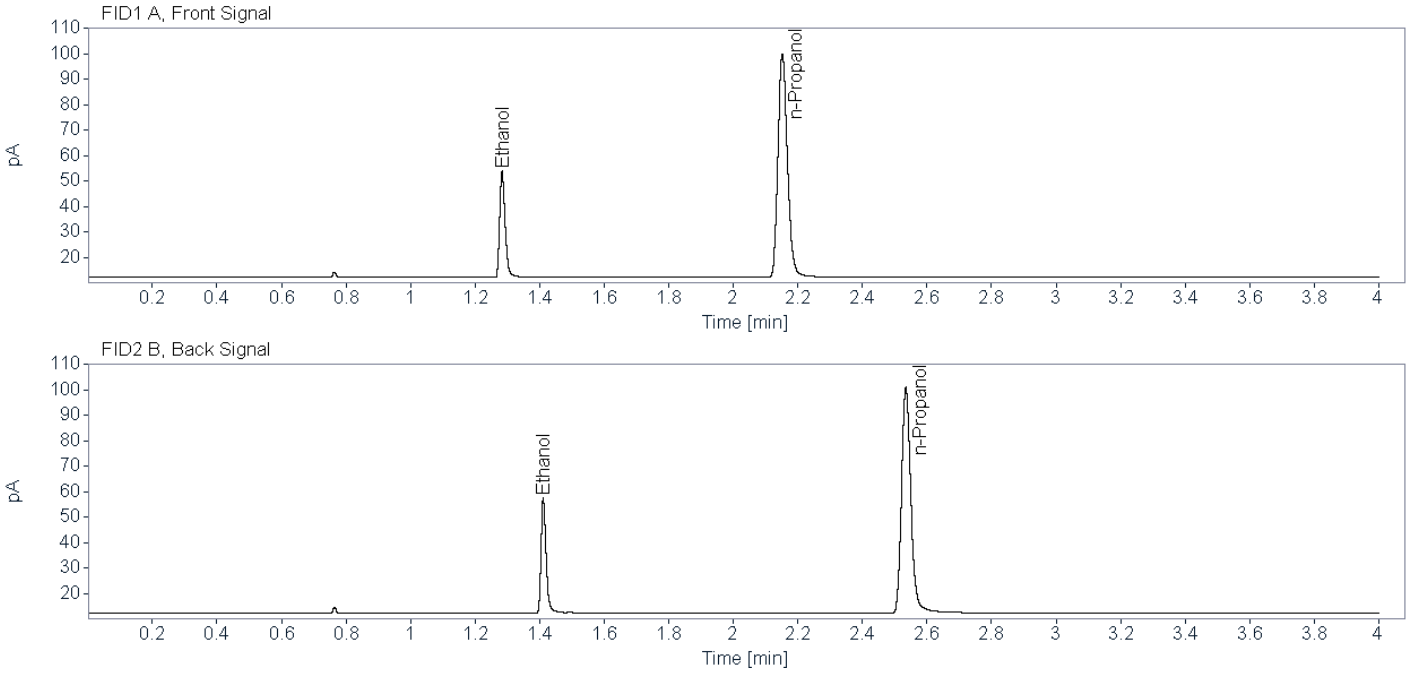
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73382	1.285	1.285	23.7167	0.0248
n-Propanol	0.79412	2.152	2.152	176.5965	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69841	1.412	1.412	23.6503	0.0247
n-Propanol	0.82418	2.535	2.535	174.9424	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.050 g/100mL Cal (25-0003) **Description:** **Sample Barcode** 25-0003 **Vial Number:** 3
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 10:31:15 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\003F0301.D



Name FID1A

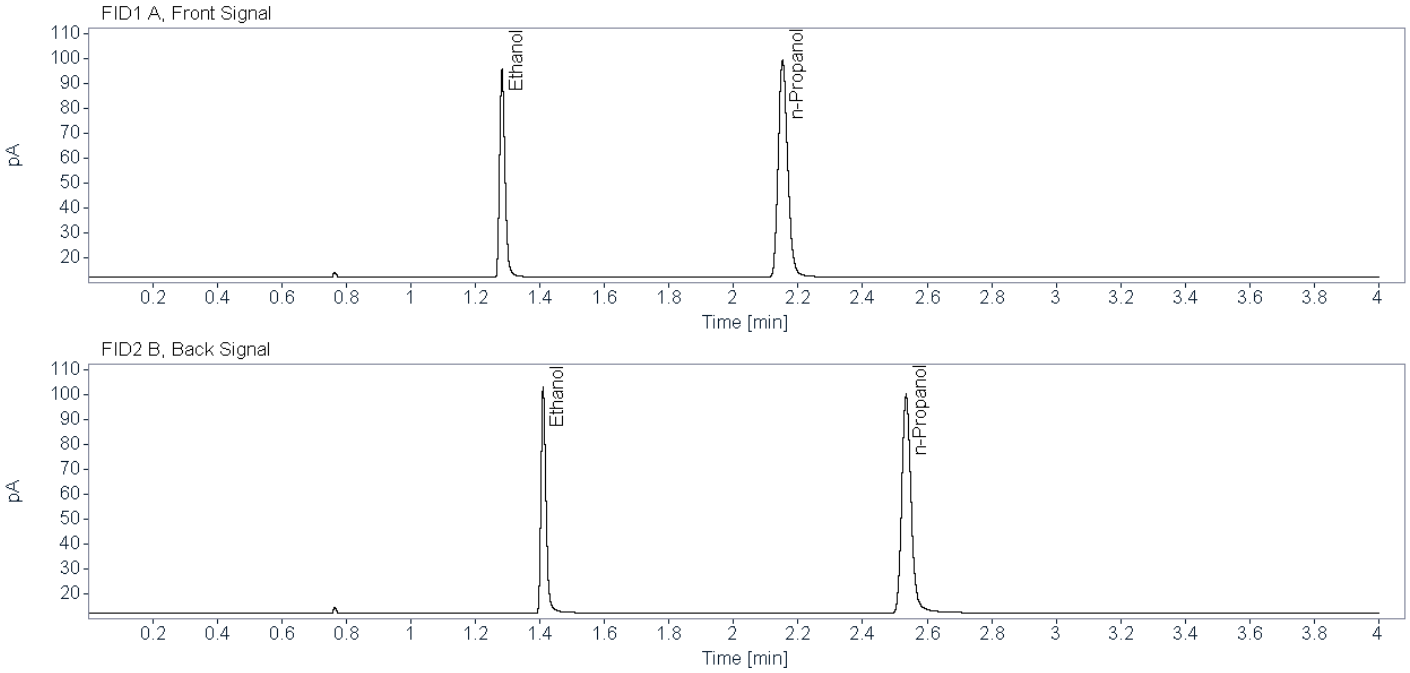
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72699	1.284	1.284	48.5464	0.0494
n-Propanol	0.80686	2.152	2.152	177.6646	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72691	1.411	1.411	48.8443	0.0493
n-Propanol	0.82554	2.535	2.535	175.7002	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.100 g/100mL Cal (25-0004) **Description:** **Sample Barcode** 25-0004 **Vial Number:** 4
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 10:35:58 AM
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Name FID1A

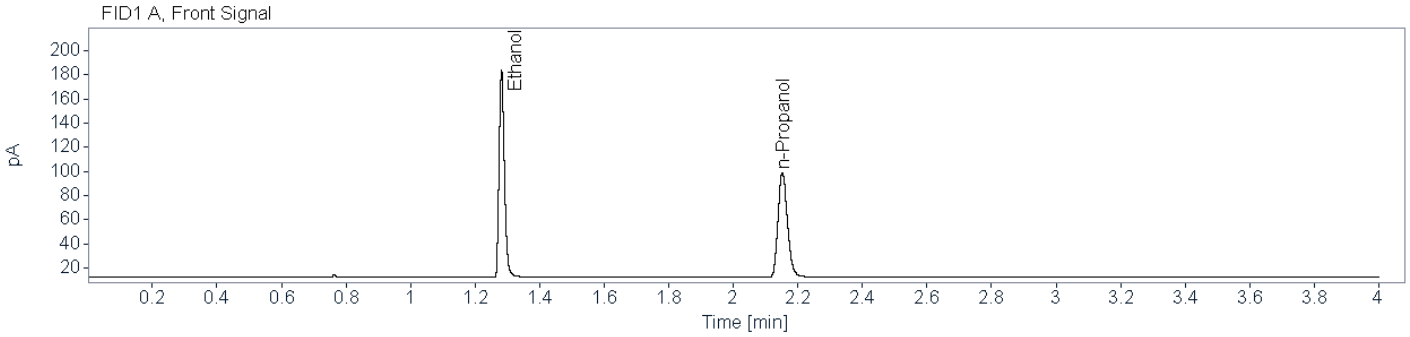
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74229	1.283	1.283	96.4725	0.0979
n-Propanol	0.79369	2.152	2.152	176.1764	0.0100

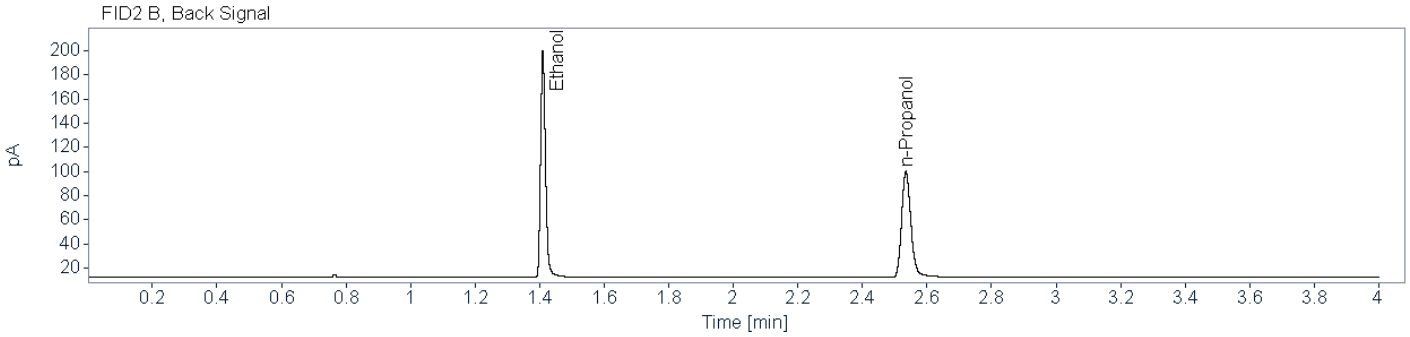
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73955	1.410	1.410	97.2456	0.0975
n-Propanol	0.82185	2.535	2.535	174.4048	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.200 g/100mL Cal (25-0005) **Description:** **Sample Barcode** 25-0005 **Vial Number:** 5
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 10:41:39 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\005F0501.D





Name FID1A

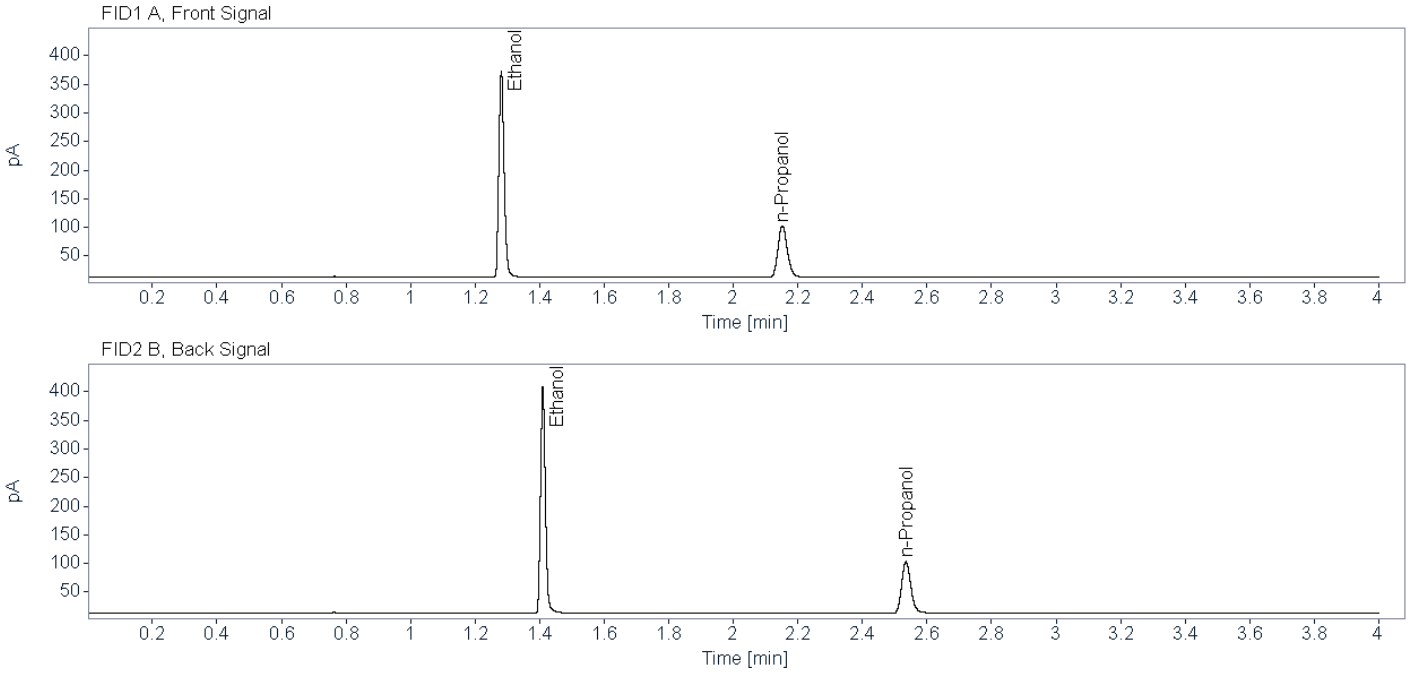
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76859	1.282	1.282	196.1803	0.1979
n-Propanol	0.81041	2.152	2.152	176.3796	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76353	1.410	1.410	198.5426	0.1977
n-Propanol	0.81966	2.535	2.535	174.3904	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.400 g/100mL Cal (25-0006) **Description:** **Sample Barcode** 25-0006 **Vial Number:** 6
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 10:46:22 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\006F0601.D



Name FID1A

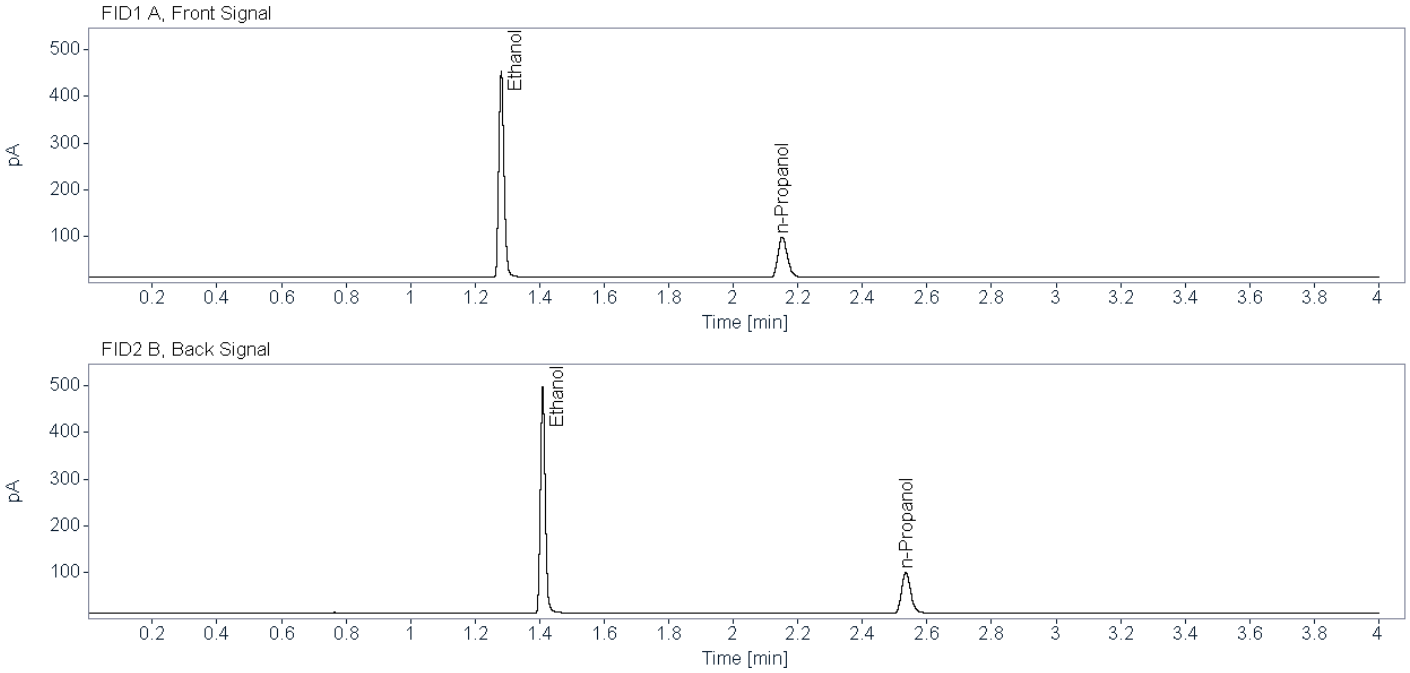
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79555	1.281	1.281	410.7255	0.3991
n-Propanol	0.81144	2.152	2.152	182.6431	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80939	1.410	1.410	416.1815	0.3991
n-Propanol	0.82061	2.535	2.535	180.4180	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.500 g/100mL Cal (25-0007) **Description:** **Sample Barcode** 25-0007 **Vial Number:** 7
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 10:52:03 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\007F0701.D



Name FID1A

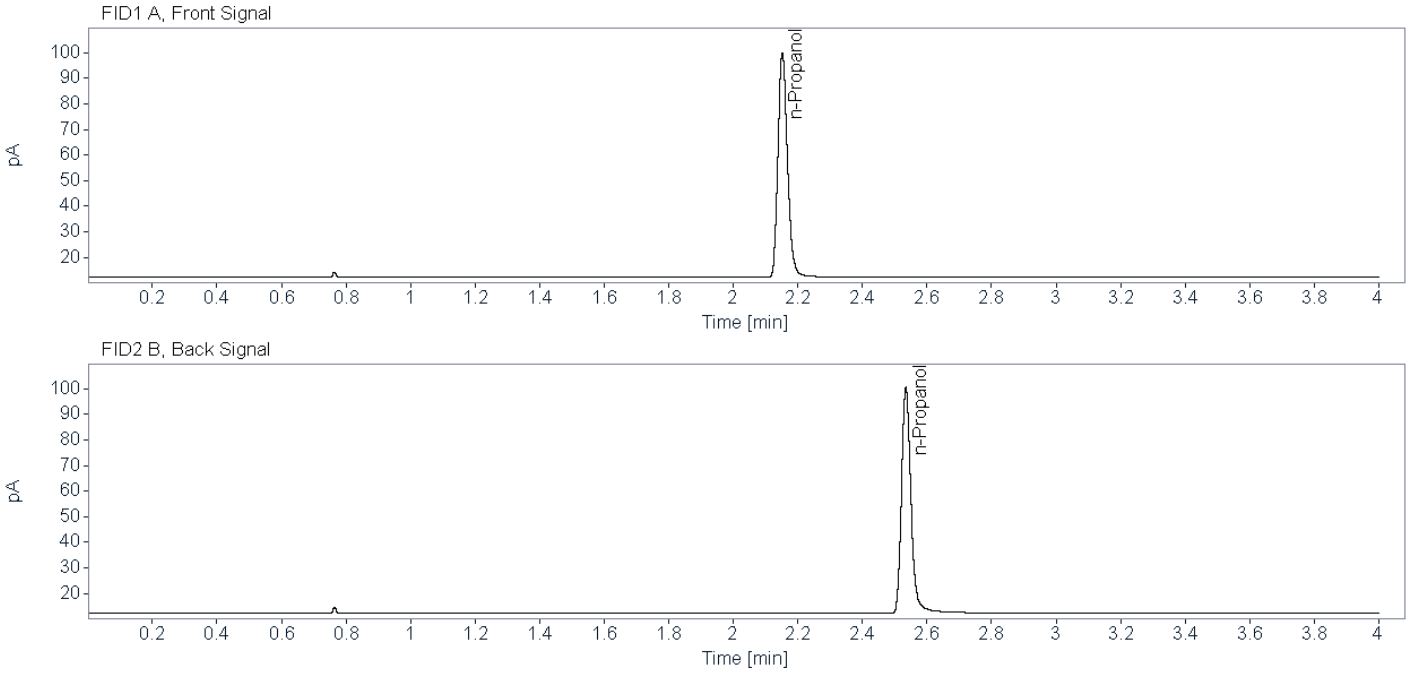
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80009	1.281	1.281	501.5349	0.5056
n-Propanol	0.80392	2.152	2.152	175.9847	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83655	1.409	1.409	508.6764	0.5064
n-Propanol	0.81584	2.535	2.535	173.6965	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Negative (25-0008) **Description:** **Sample Barcode** 25-0008 **Vial Number:** 8
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 10:56:45 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\008F0801.D



Name FID1A

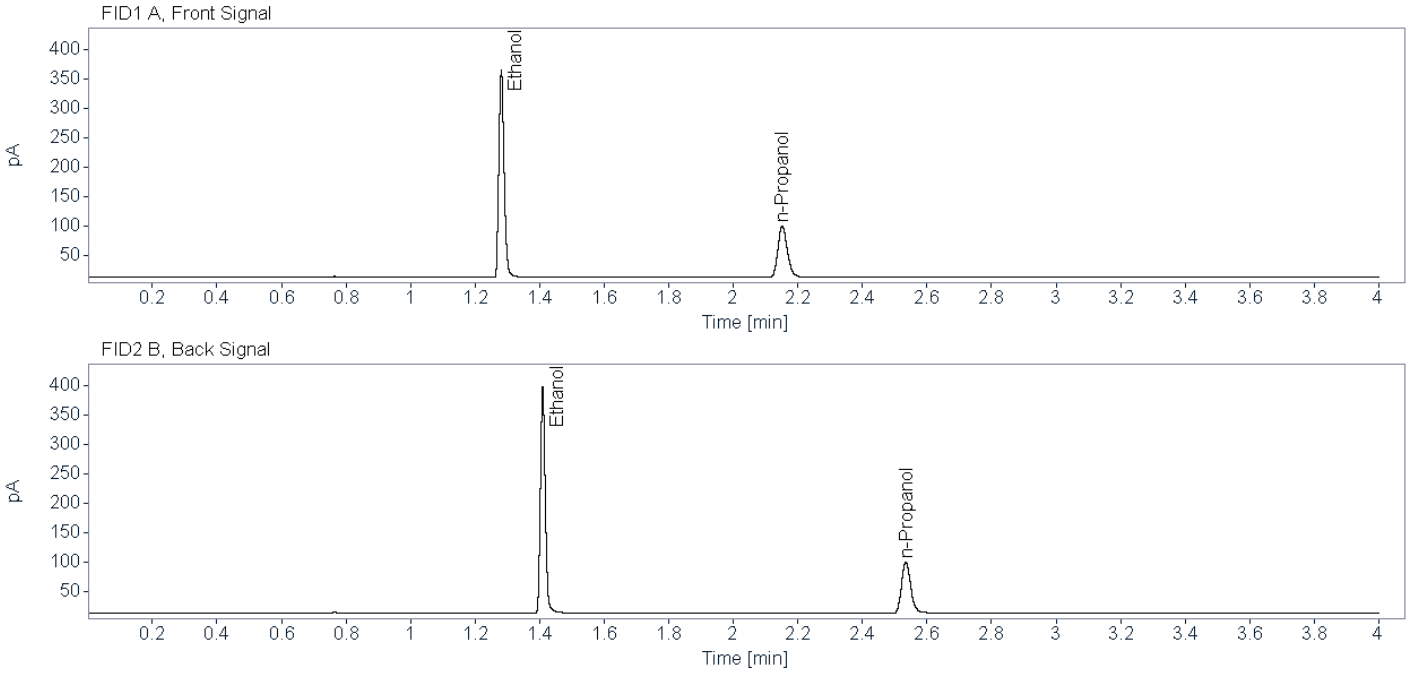
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80293	2.152	2.152	178.1705	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81977	2.535	2.535	176.1629	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (25-0009) **Description:** **Sample Barcode** 25-0009 **Vial Number:** 9
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 11:02:27 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\009F0901.D



Name FID1A

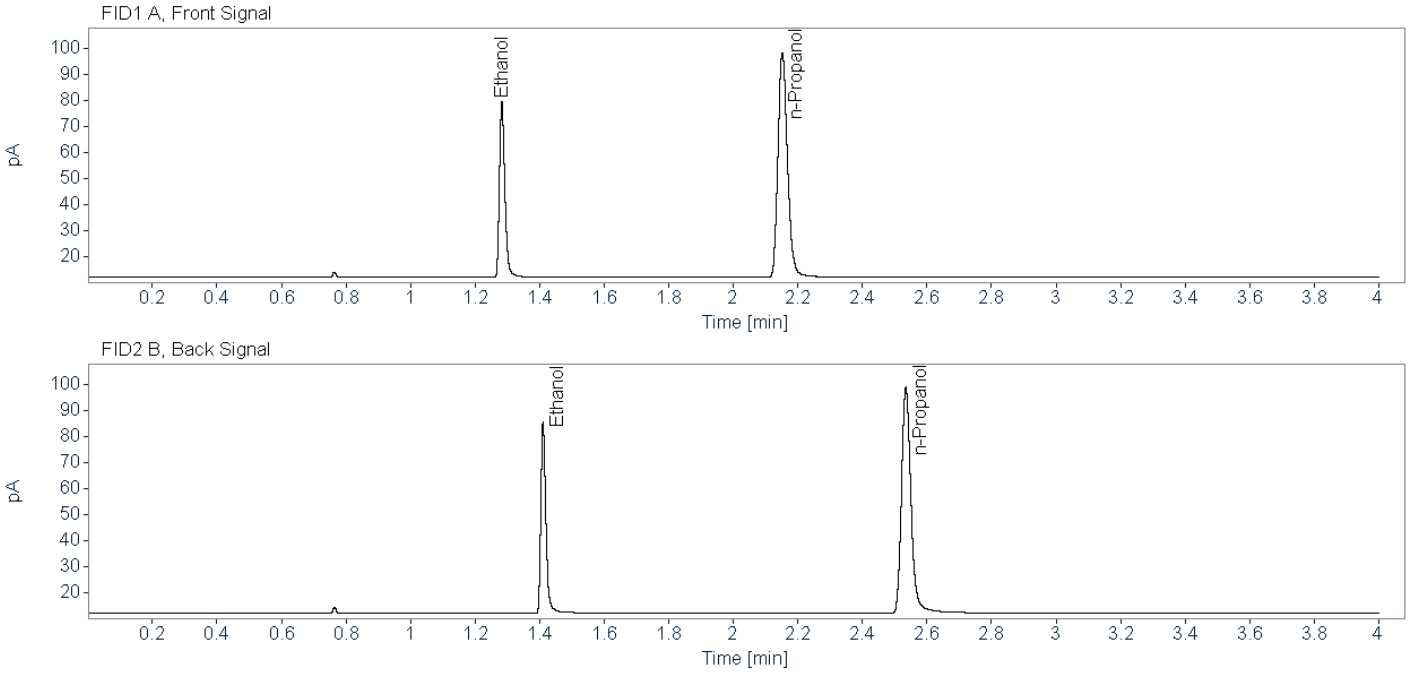
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78938	1.281	1.281	400.4702	0.4006
n-Propanol	0.80588	2.152	2.152	177.4198	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81096	1.409	1.409	406.3499	0.4019
n-Propanol	0.81633	2.535	2.535	174.9561	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (25-0010) **Description:** **Sample Barcode** 25-0010 **Vial Number:** 10
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 11:07:10 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\010F1001.D



Name FID1A

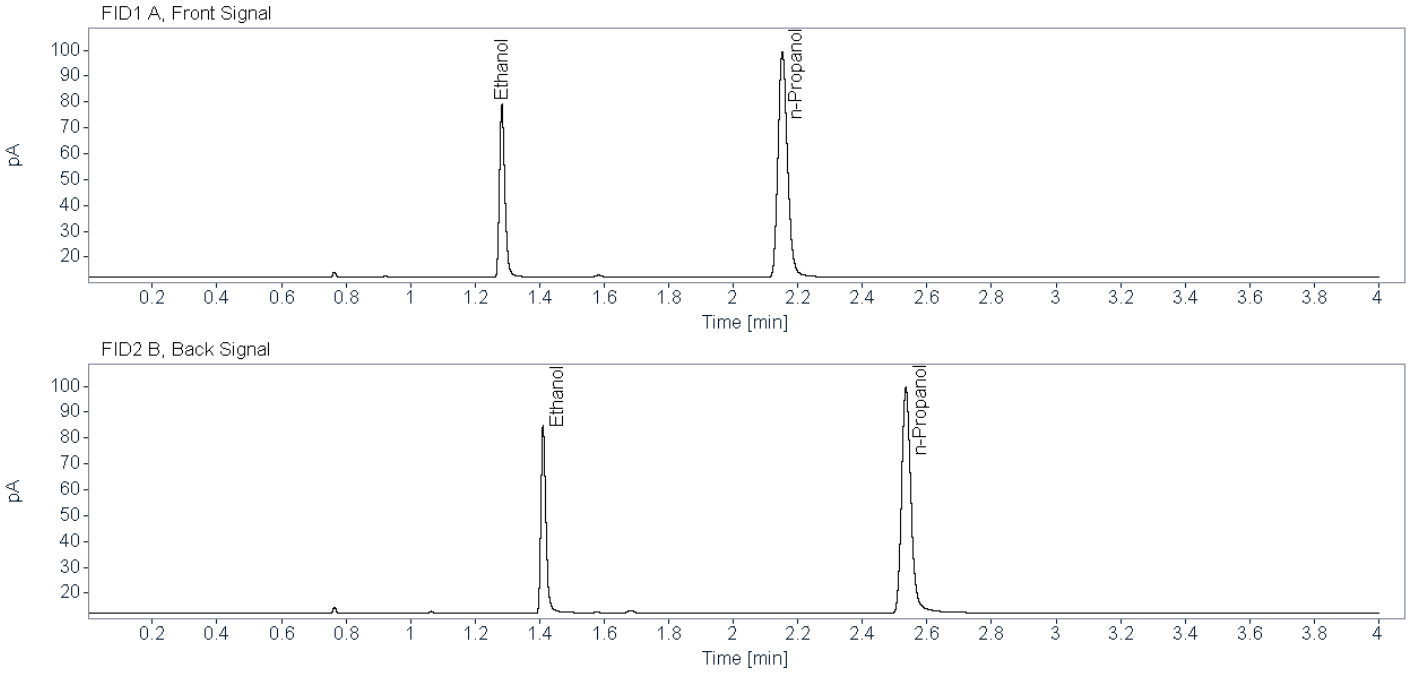
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73971	1.283	1.281	78.2078	0.0801
n-Propanol	0.80226	2.152	2.152	175.0421	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72182	1.411	1.409	78.6126	0.0798
n-Propanol	0.81682	2.535	2.535	172.8225	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-0011) **Description:** **Sample Barcode** 25-0011 **Vial Number:** 11
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 11:12:51 AM
Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\011F1101.D



Name FID1A

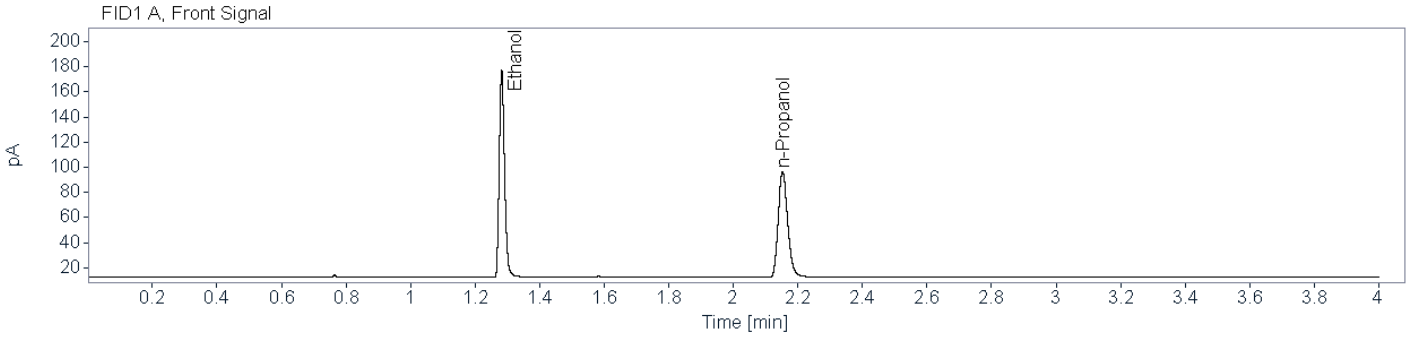
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74684	1.283	1.281	77.5329	0.0788
n-Propanol	0.80619	2.152	2.152	176.4778	0.0100

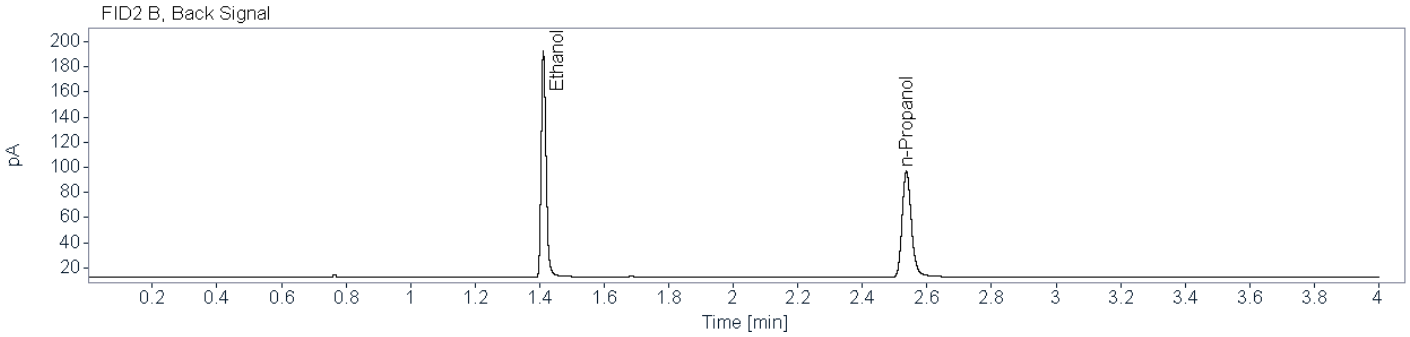
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73361	1.411	1.409	77.9163	0.0785
n-Propanol	0.81626	2.535	2.535	174.2086	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (25-0022) **Description:** **Sample Barcode** 25-0022 **Vial Number:** 22
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 12:09:34 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\022F2201.D





Name FID1A

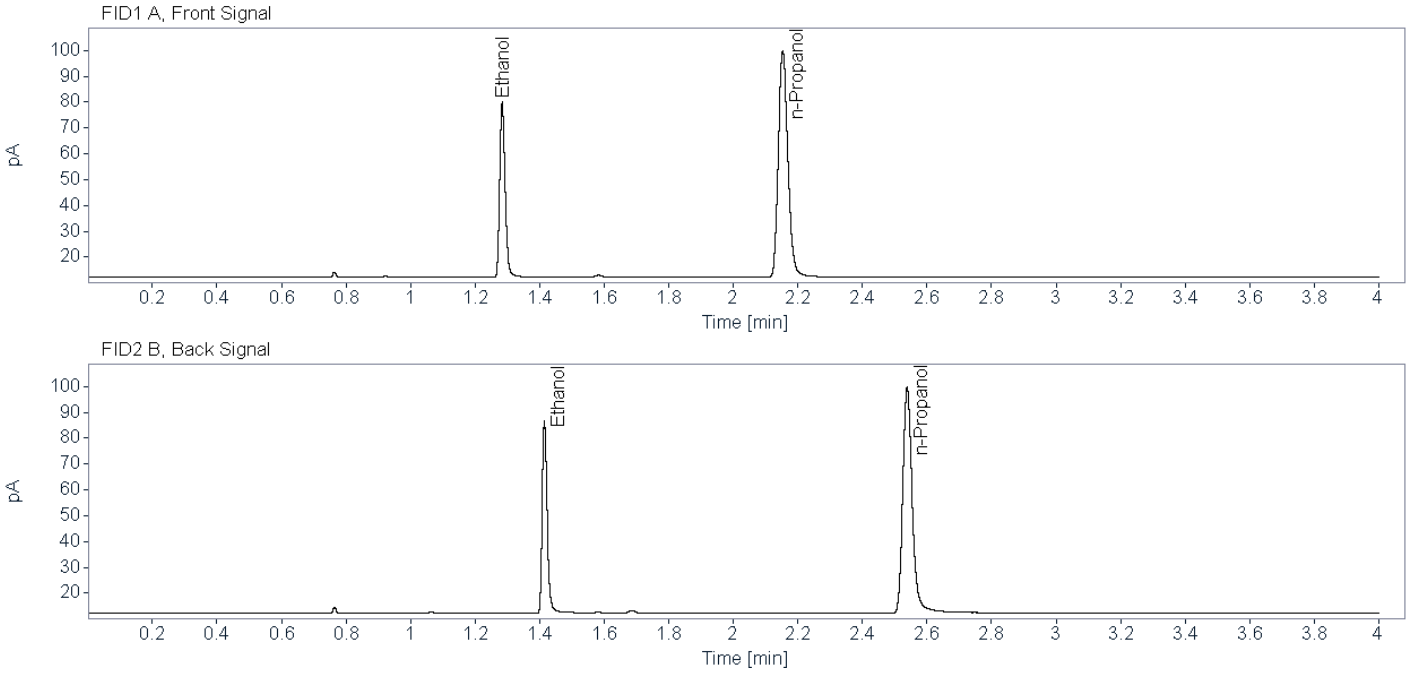
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78425	1.283	1.281	188.5060	0.1963
n-Propanol	0.78677	2.153	2.152	170.9192	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76895	1.412	1.409	190.1416	0.1967
n-Propanol	0.79790	2.537	2.535	167.8184	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-0033) **Description:** **Sample Barcode** 25-0033 **Vial Number:** 33
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 1:07:15 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\033F3301.D



Name FID1A

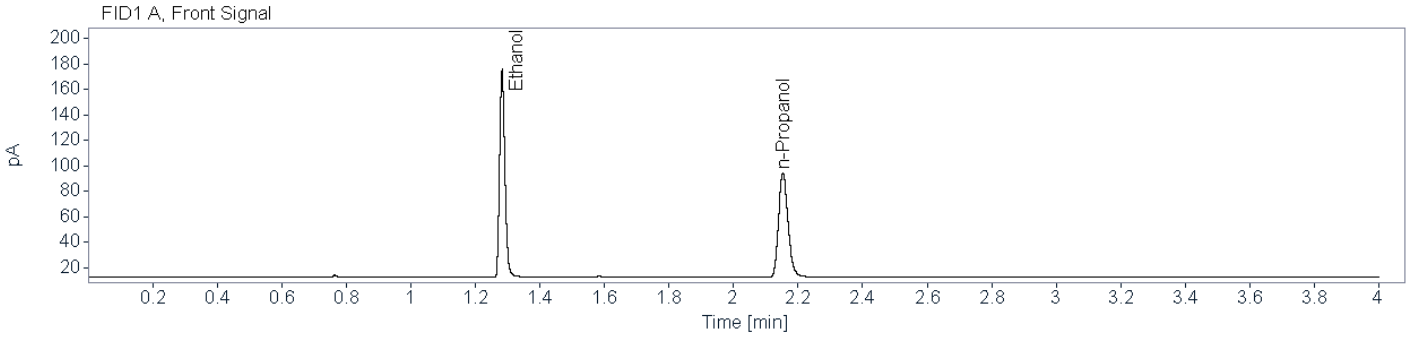
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77885	1.284	1.281	78.7274	0.0792
n-Propanol	0.79824	2.153	2.152	178.1532	0.0100

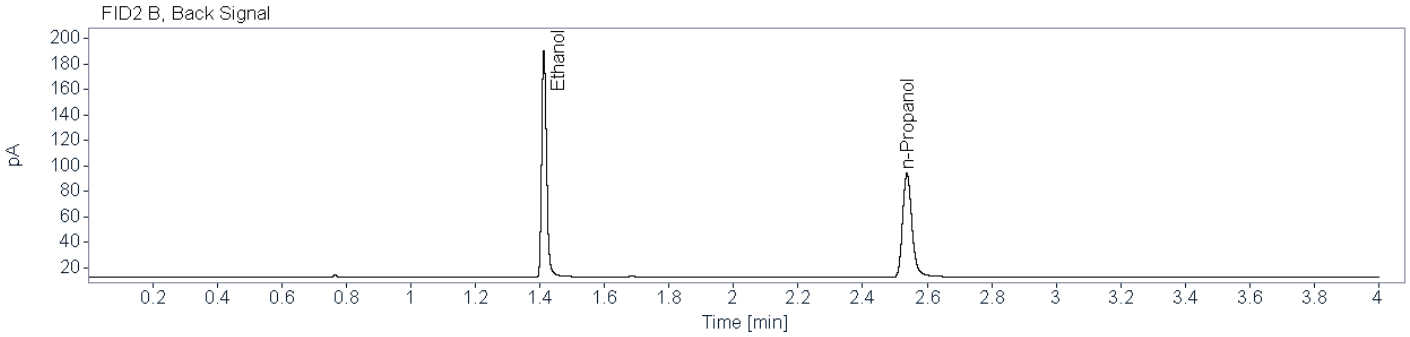
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75656	1.415	1.409	79.2375	0.0799
n-Propanol	0.80403	2.539	2.535	173.9695	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (25-0039) **Description:** **Sample Barcode** 25-0039 **Vial Number:** 39
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 1:38:27 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\039F3901.D





Name FID1A

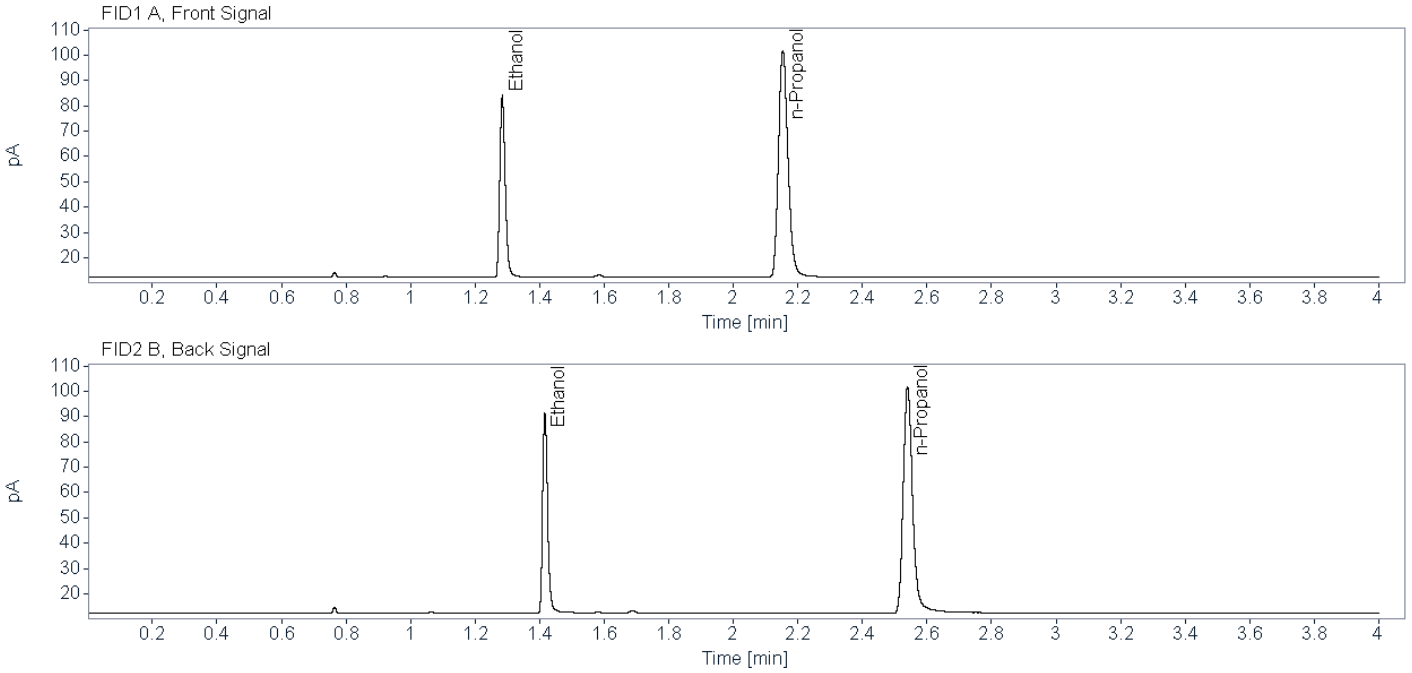
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77625	1.283	1.281	186.8514	0.1995
n-Propanol	0.78796	2.153	2.152	166.6491	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76235	1.412	1.409	187.9016	0.1995
n-Propanol	0.80401	2.537	2.535	163.5751	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-0045) **Description:** **Sample Barcode** 25-0045 **Vial Number:** 45
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 2:09:39 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\045F4501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77425	1.284	1.281	83.8489	0.0826
n-Propanol	0.79319	2.154	2.152	181.9881	0.0100

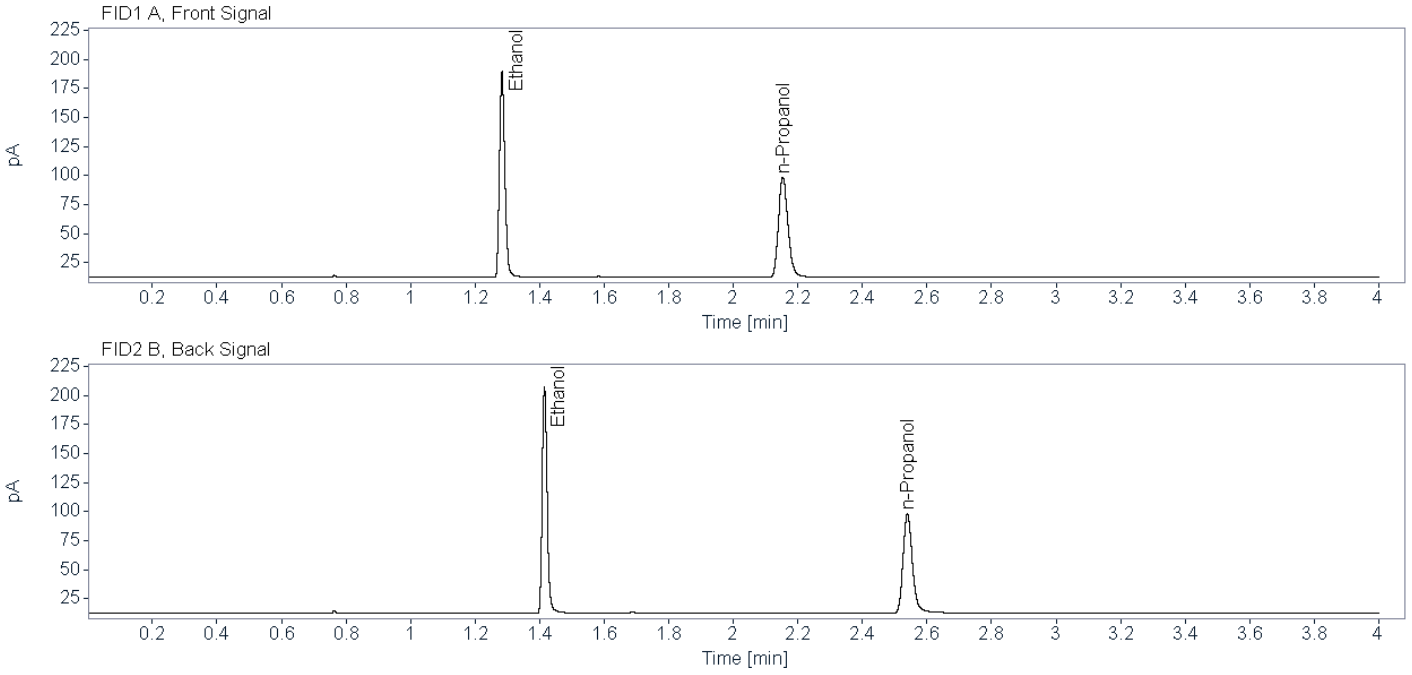
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77063	1.416	1.409	85.0303	0.0839
n-Propanol	0.79706	2.540	2.535	177.6738	0.0100

Blood QC A failed to meet acceptance criteria, outside 5% of target -KB 1/17/2025

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (25-0056) **Description:** **Sample Barcode** 25-0056 **Vial Number:** 56
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 3:06:22 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\056F5601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79593	1.283	1.281	204.9439	0.2075
n-Propanol	0.78601	2.153	2.152	175.7079	0.0100

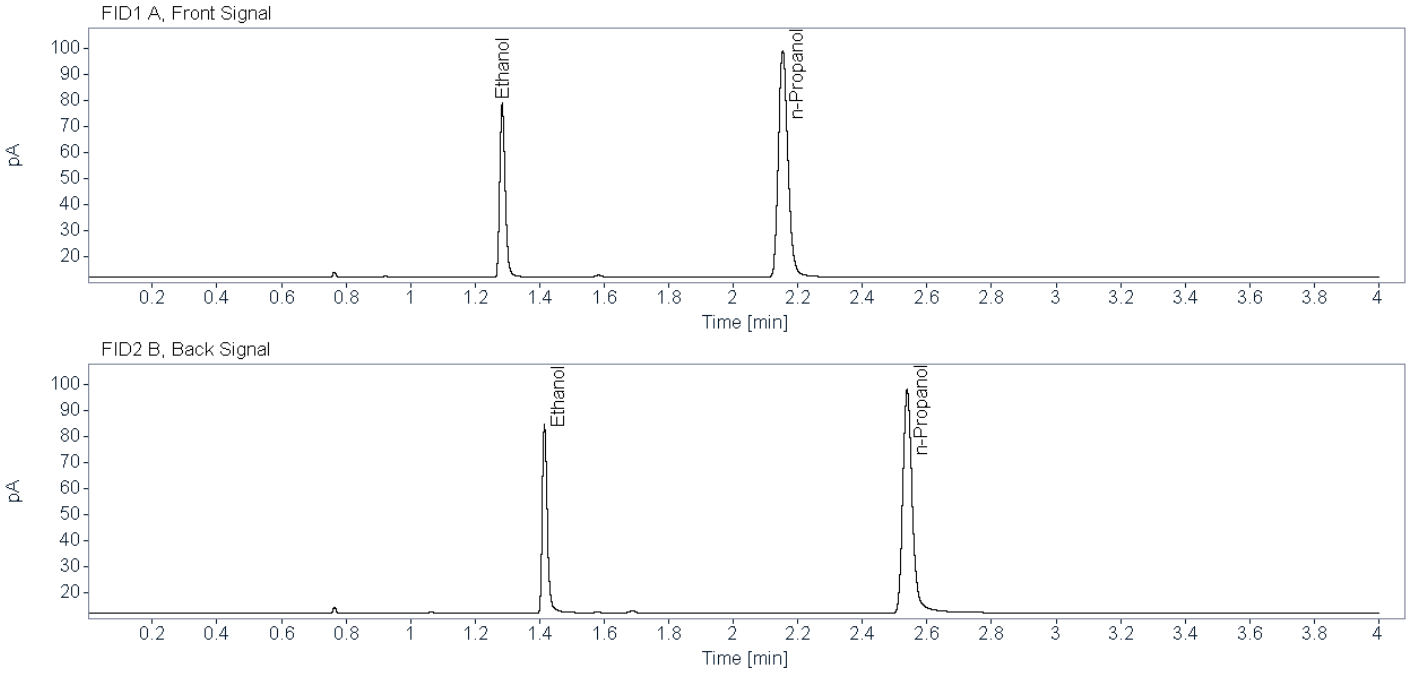
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79476	1.415	1.409	207.1443	0.2101
n-Propanol	0.78399	2.539	2.535	171.1493	0.0100

Blood QC B failed to meet acceptance criteria, outside 5% of target -KB 1/17/2025

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (25-0067) **Description:** **Sample Barcode** 25-0067 **Vial Number:** 67
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 4:04:03 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\067F6701.D



Name FID1A

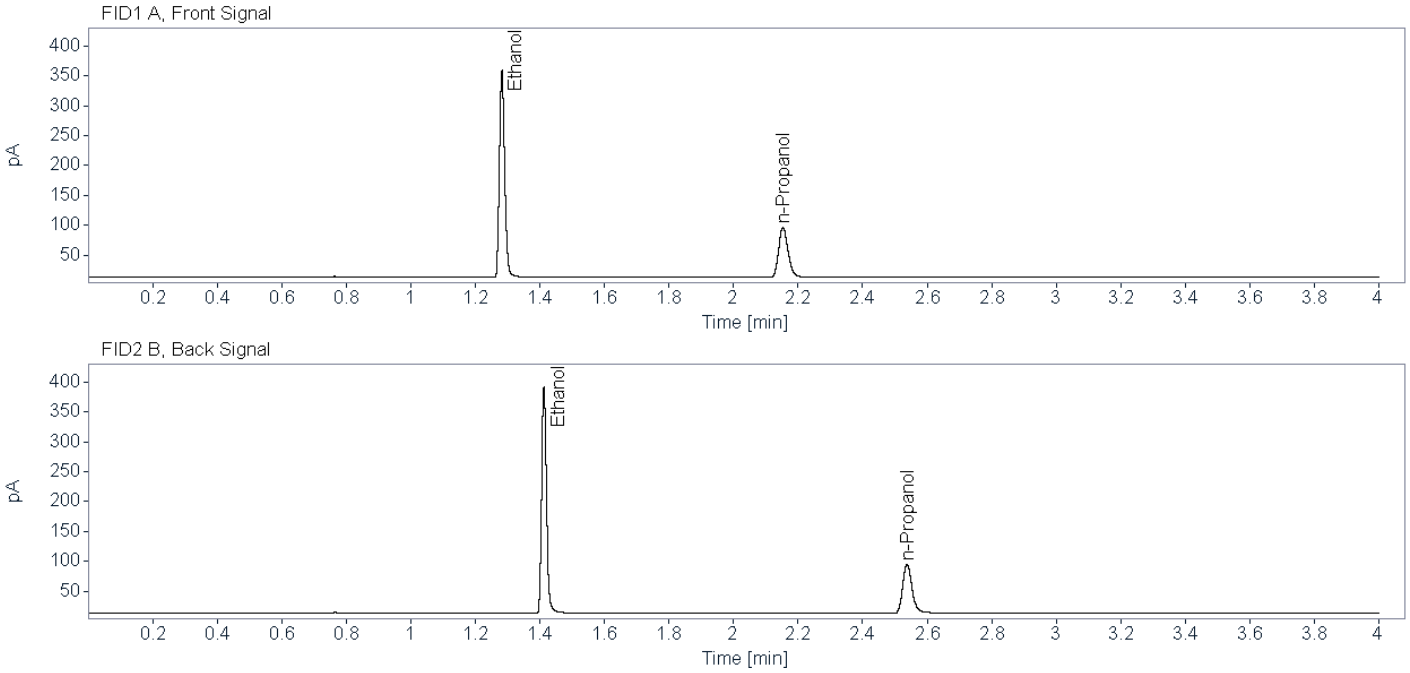
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75727	1.284	1.281	77.7503	0.0789
n-Propanol	0.79136	2.153	2.152	176.6708	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73447	1.415	1.409	77.4852	0.0793
n-Propanol	0.79501	2.539	2.535	171.5456	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (25-0068) **Description:** **Sample Barcode** 25-0068 **Vial Number:** 68
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 4:08:45 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\068F6801.D



Name FID1A

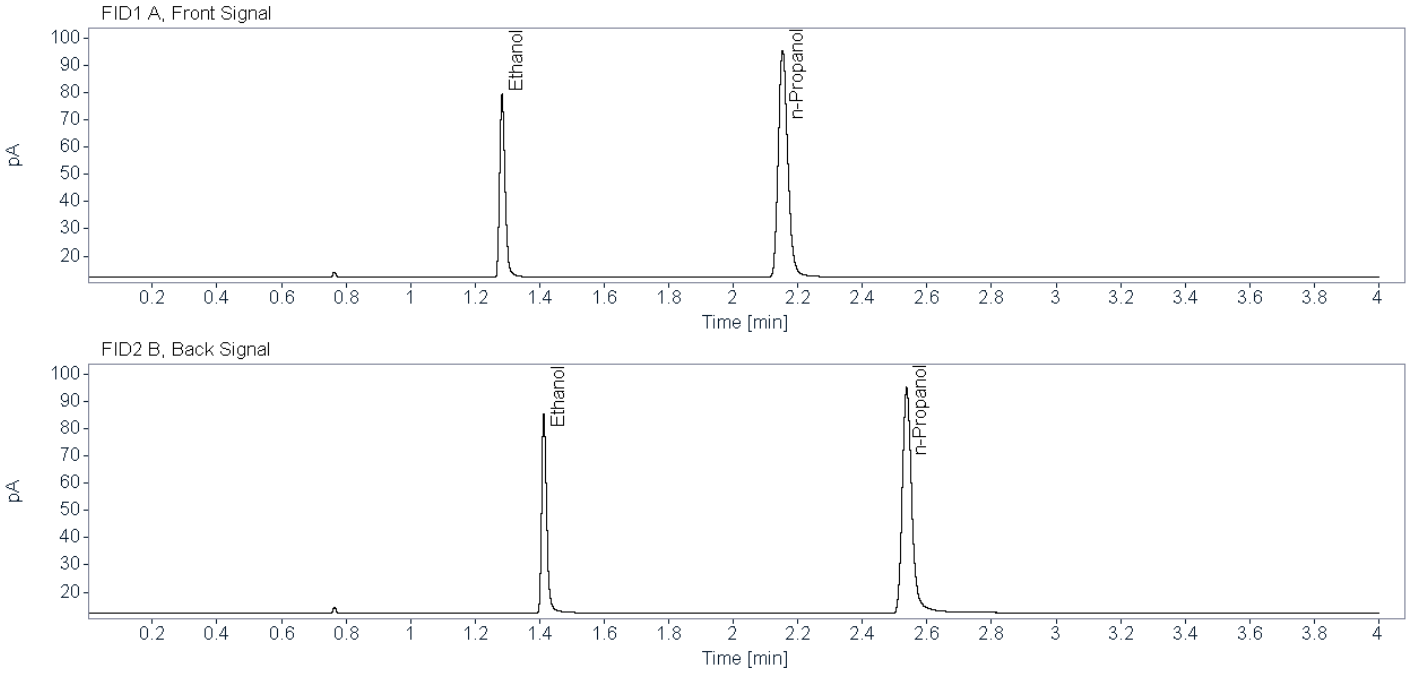
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80721	1.282	1.281	394.1514	0.4125
n-Propanol	0.78663	2.153	2.152	169.5695	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80770	1.412	1.409	399.0030	0.4158
n-Propanol	0.80095	2.538	2.535	166.0367	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (25-0069) **Description:** **Sample Barcode** 25-0069 **Vial Number:** 69
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 4:14:27 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\069F6901.D



Name FID1A

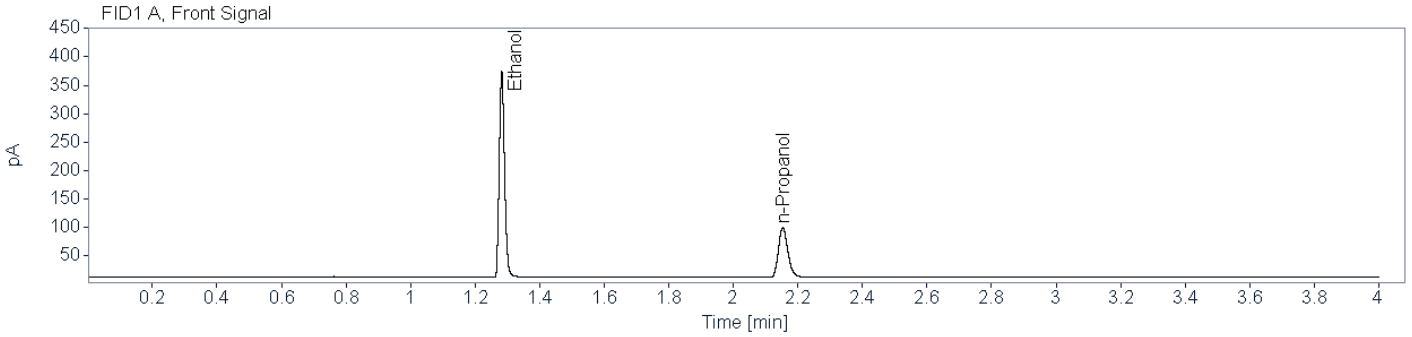
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74486	1.284	1.281	77.8631	0.0826
n-Propanol	0.78420	2.153	2.152	168.9104	0.0100

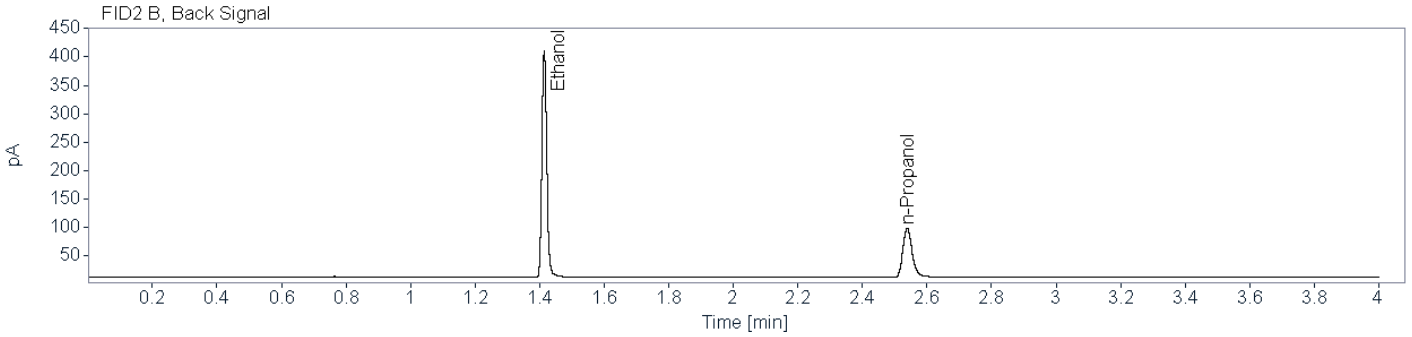
Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72336	1.413	1.409	78.0241	0.0828
n-Propanol	0.79075	2.537	2.535	165.3000	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: new High QC (25-0070) **Description:** **Sample Barcode** 25-0070 **Vial Number:** 70
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 4:19:10 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\070F7001.D





Name FID1A

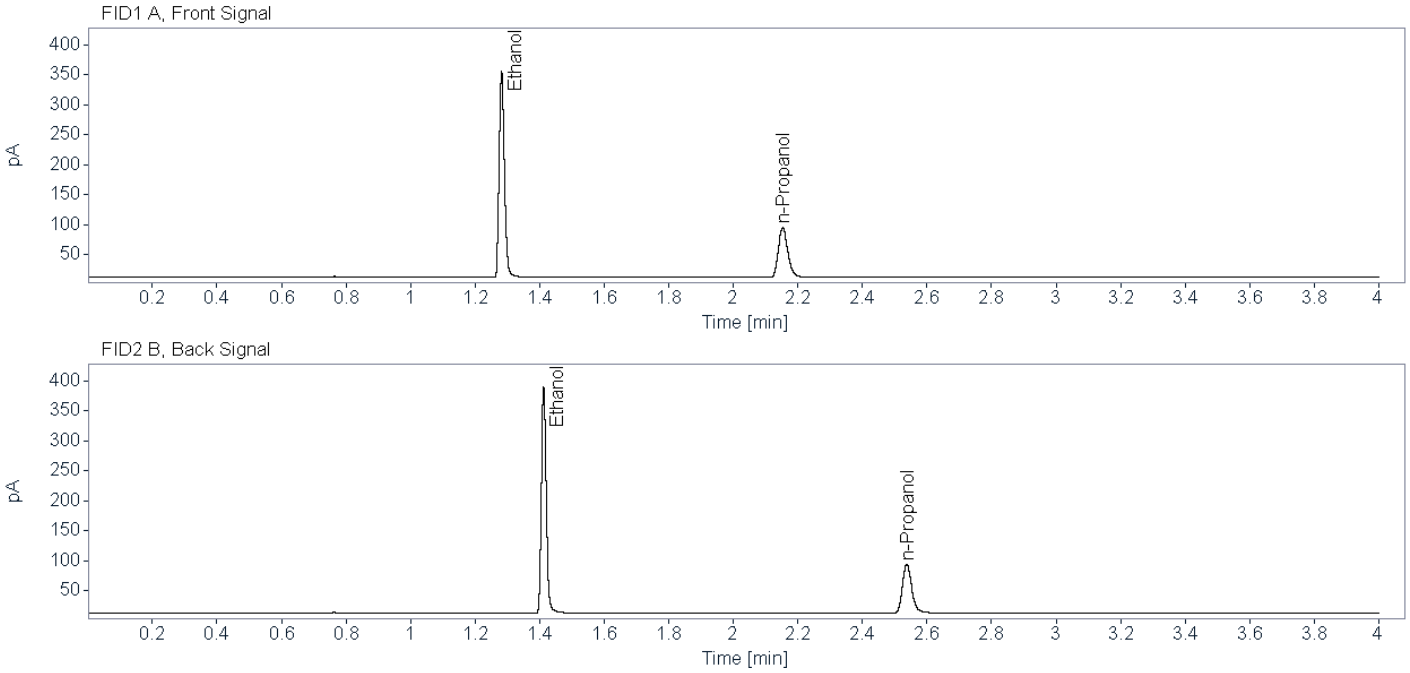
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81238	1.283	1.281	413.9933	0.4132
n-Propanol	0.78690	2.153	2.152	177.8107	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84690	1.414	1.409	419.8858	0.4179
n-Propanol	0.79669	2.539	2.535	173.8304	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: new High QC (25-0071) **Description:** **Sample Barcode** 25-0071 **Vial Number:** 71
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 4:24:51 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\071F7101.D



Name FID1A

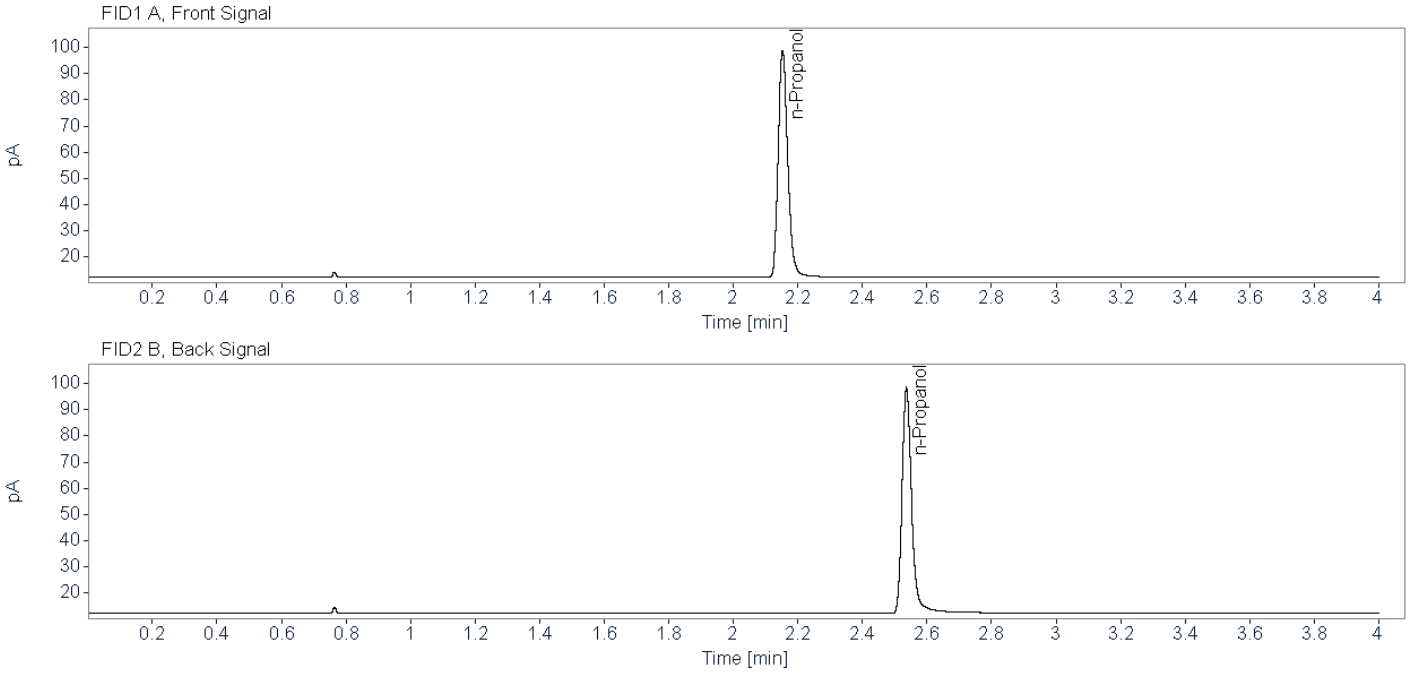
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79842	1.282	1.281	391.1740	0.4126
n-Propanol	0.78103	2.153	2.152	168.2566	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81641	1.412	1.409	396.4314	0.4167
n-Propanol	0.79380	2.538	2.535	164.5807	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: DI Water (25-0072) **Description:** **Sample Barcode** 25-0072 **Vial Number:** 72
Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 4:29:34 PM
Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\072F7201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.78344	2.153	2.152	175.8859	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.78612	2.537	2.535	172.2964	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2363 005_001

Batch Name: BAC_20250106_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

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

Reported Result: **none detected**

Reported UM: _____

Comments:

Blood QC B failed to meet acceptance criteria, outside 5% of target, this sample is negative and will not be repeated -KB 1/13/2025

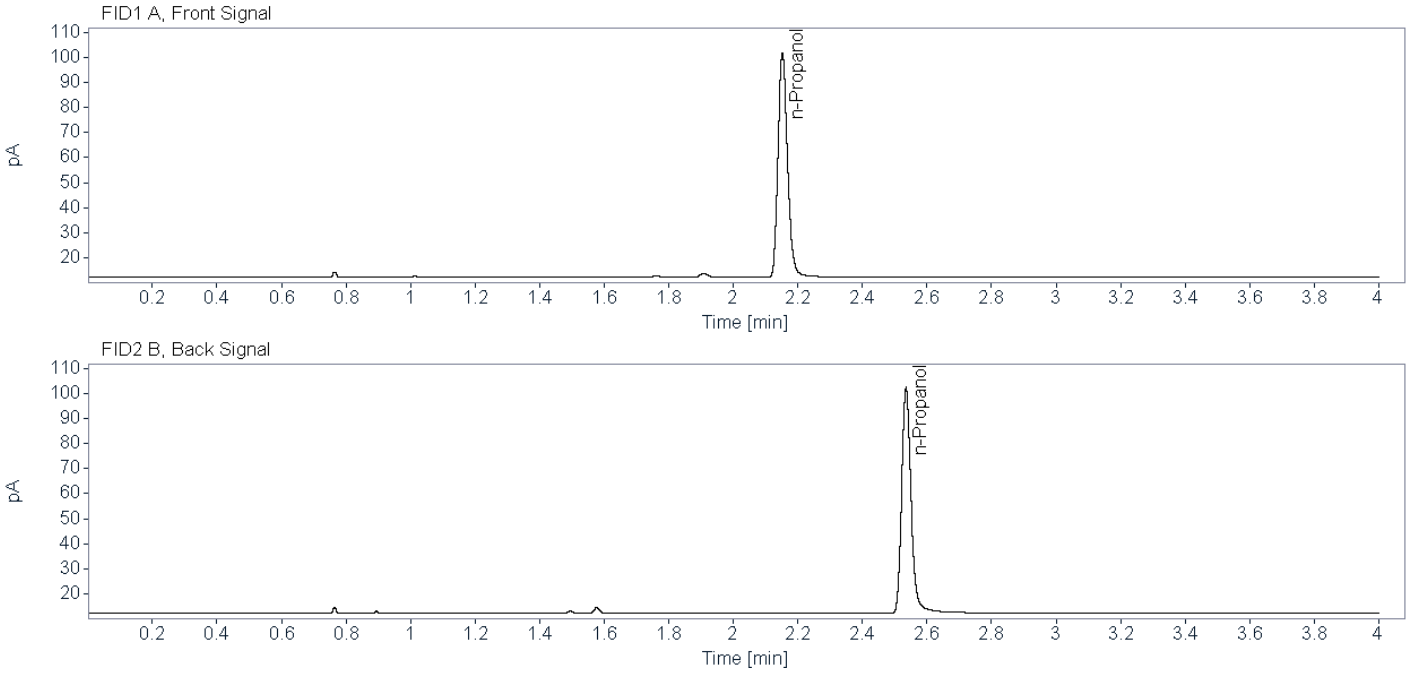
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2363 005_001 (25-0012) **Description:** Alq 1 **Sample Barcode** 25-0012 **Vial Number:** 12

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 11:17:34 AM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\012F1201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80822	2.152	2.152	181.6158	0.0100

Name FID2B

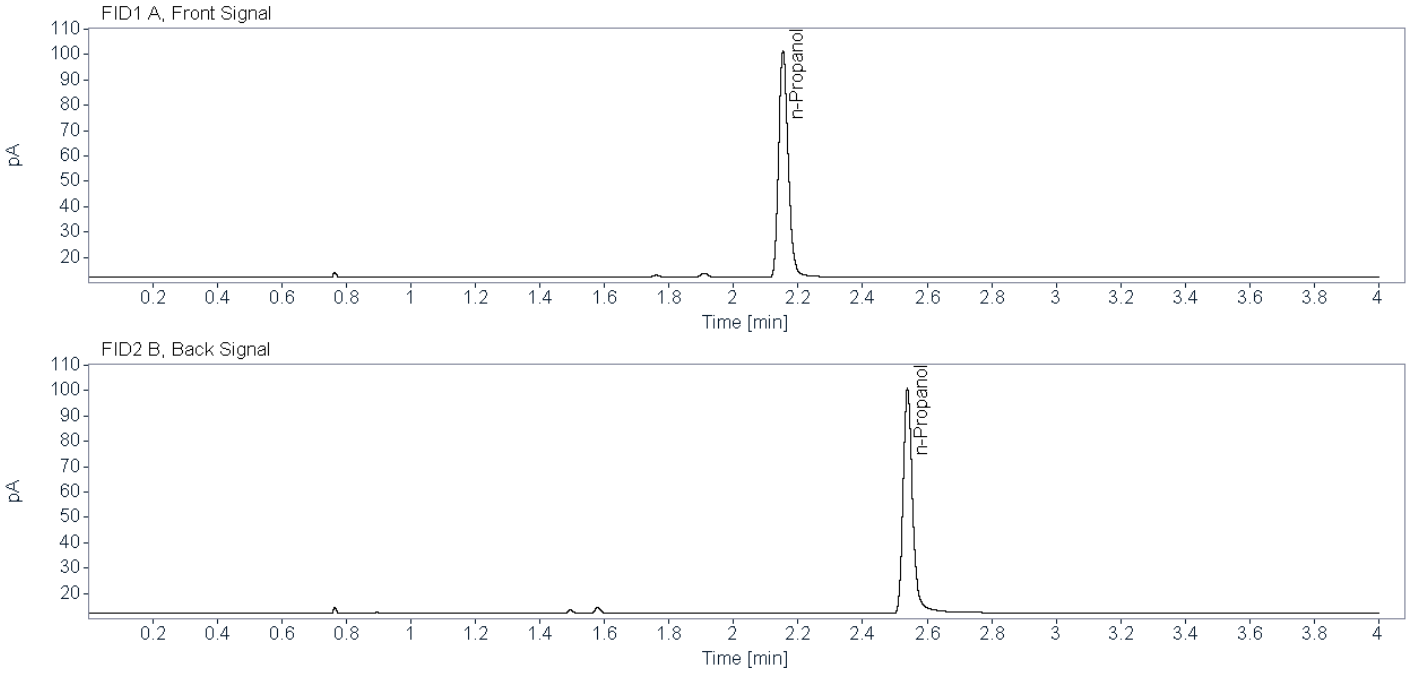
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.82039	2.535	2.535	179.9764	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2363 005_001 (25-0066) **Description:** Alq 2 **Sample Barcode** 25-0066 **Vial Number:** 66

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 3:58:22 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\066F6601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.79392	2.153	2.152	181.3977	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.78835	2.539	2.535	176.3915	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2375 001_001

Batch Name: BAC_20250106_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2374	Aliquot 1:	0.2364
	Aliquot 2:	0.2471	Aliquot 2:	0.2486

KB 1/13/2025

Reported Result: ~~0.242~~ **g/100 mL**

Reported UM: **0.039** **g/100 mL**

Comments:

Blood QC B failed to meet acceptance criteria, outside 5% of target, this sample will be repeated
-KB 1/13/2025

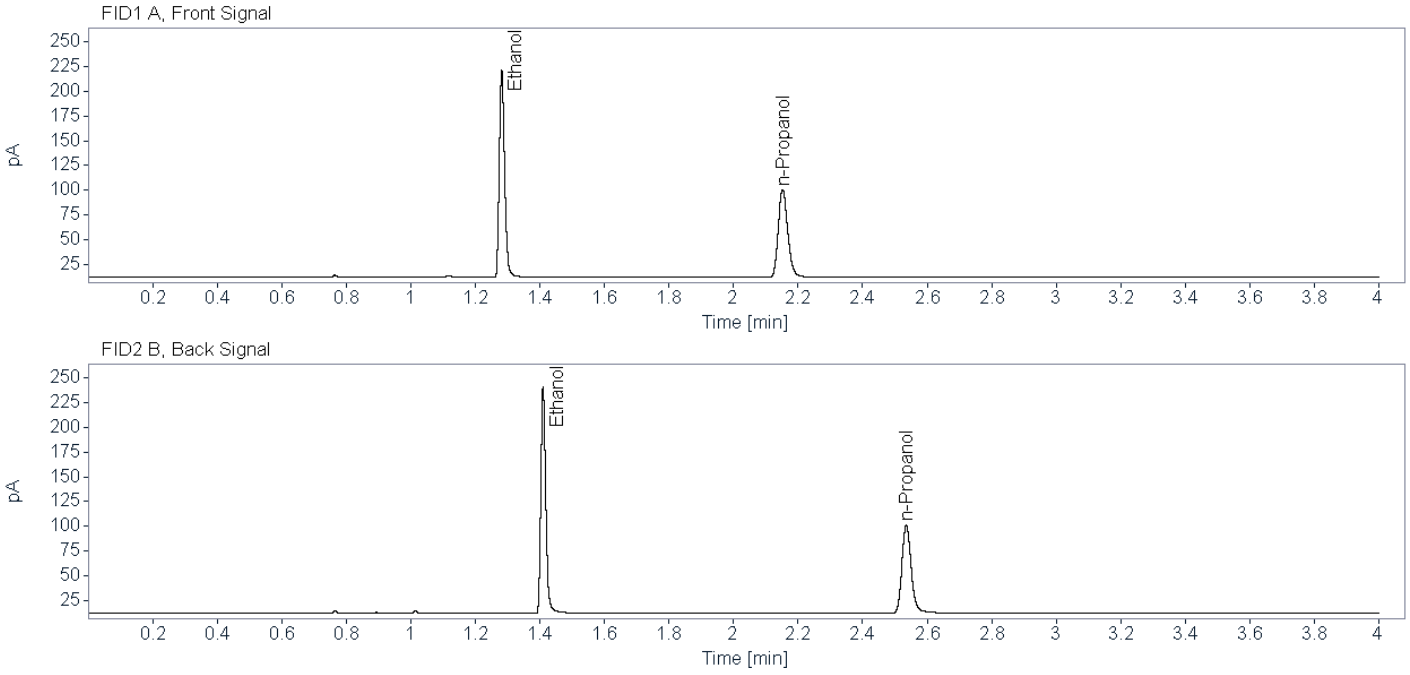
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2375 001_001 (25-0013) **Description:** Alq 1 **Sample Barcode** 25-0013 **Vial Number:** 13

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 11:23:15 AM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\013F1301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77309	1.282	1.281	239.0563	0.2374
n-Propanol	0.79107	2.152	2.152	179.0157	0.0100

Name FID2B

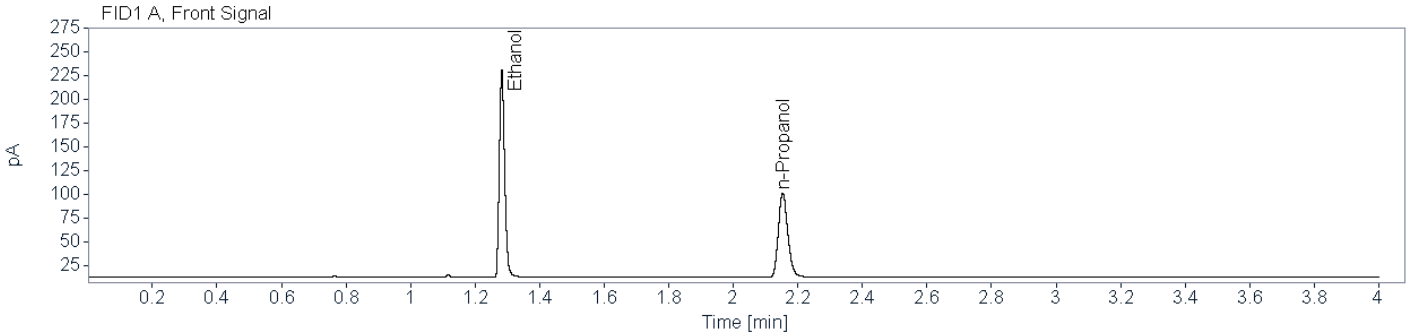
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77629	1.410	1.409	241.3963	0.2364
n-Propanol	0.81713	2.535	2.535	177.0923	0.0100

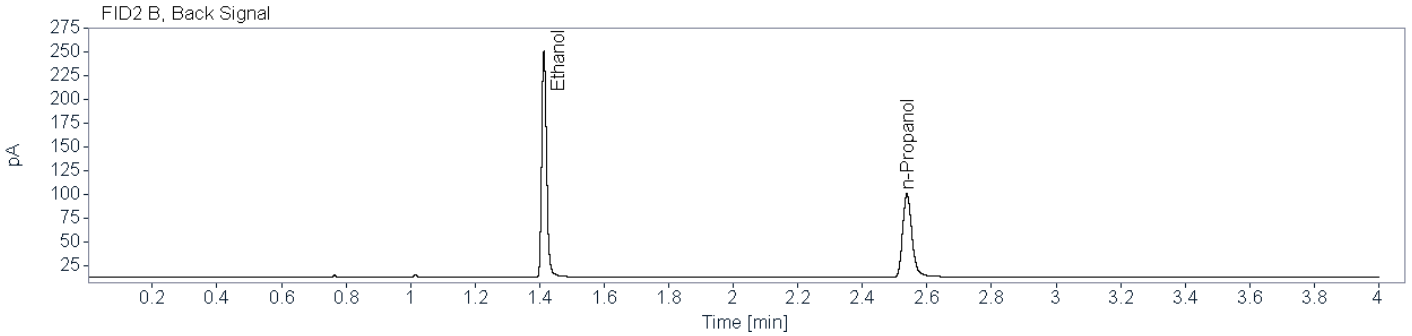
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2375 001_001 (25-0065) **Description:** Alq 2 **Sample Barcode** 25-0065 **Vial Number:** 65

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 3:53:39 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\065F6501.D





Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79548	1.283	1.281	250.1209	0.2471
n-Propanol	0.78880	2.153	2.152	179.9677	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77470	1.413	1.409	252.1261	0.2486
n-Propanol	0.79809	2.538	2.535	175.8703	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2376 001_001

Batch Name: BAC_20250106_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0912	Aliquot 1:	0.0909
	Aliquot 2:	0.0918	Aliquot 2:	0.0922

KB 1/13/2025

Reported Result: 0.091 **g/100 mL**

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

Comments:

Blood QC B failed to meet acceptance criteria, outside 5% of target, this sample will be repeated
-KB 1/13/2025

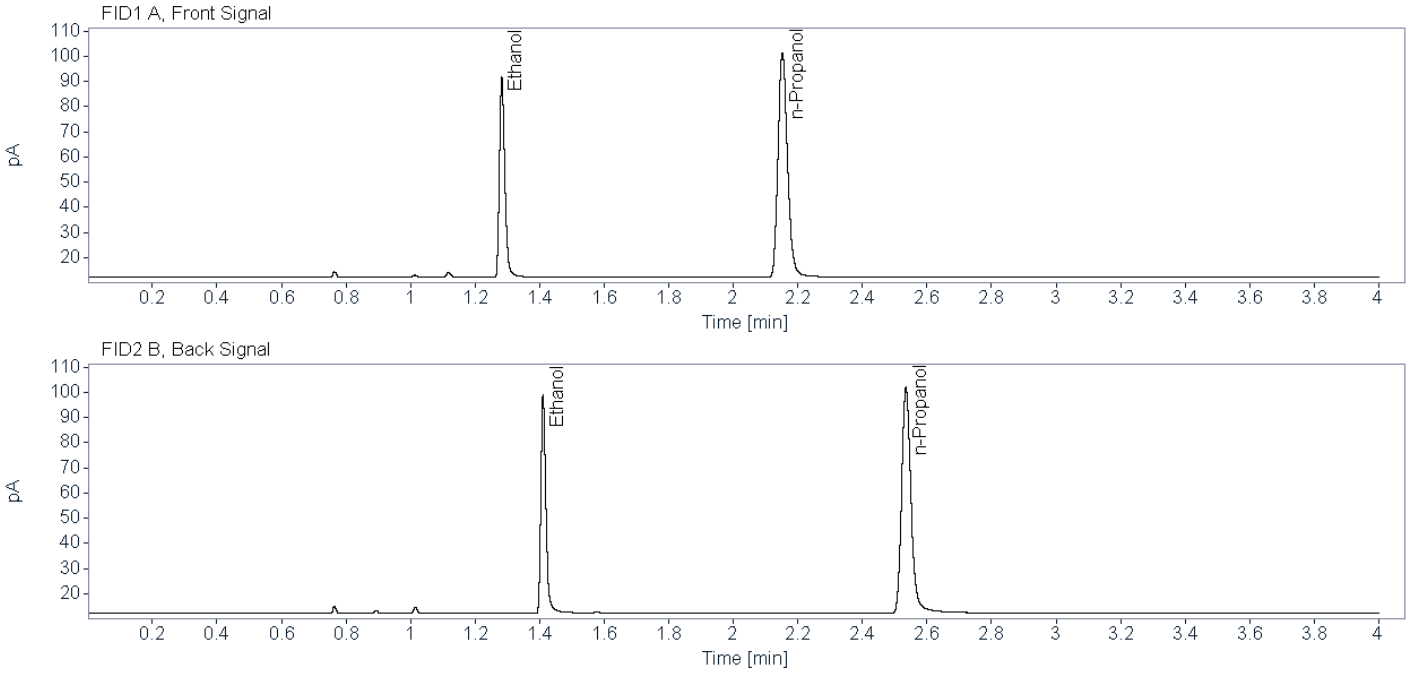
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2376 001_001 (25-0014) **Description:** Alq 1 **Sample Barcode** 25-0014 **Vial Number:** 14

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 11:27:58 AM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\014F1401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74210	1.283	1.281	92.0692	0.0912
n-Propanol	0.80598	2.152	2.152	180.6564	0.0100

Name FID2B

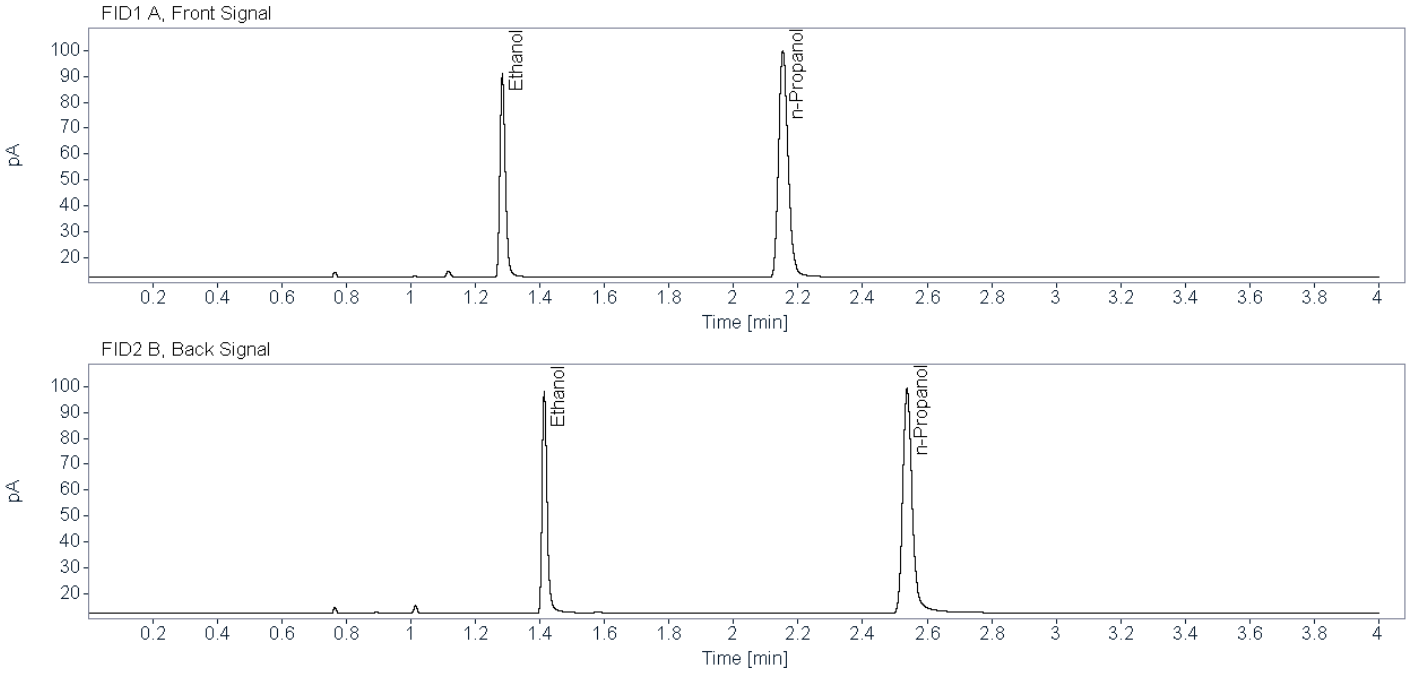
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73888	1.411	1.409	92.8252	0.0909
n-Propanol	0.81693	2.535	2.535	178.7876	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2376 001_001 (25-0064) **Description:** Alq 2 **Sample Barcode** 25-0064 **Vial Number:** 64

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 3:47:58 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\064F6401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75011	1.284	1.281	91.4535	0.0918
n-Propanol	0.78835	2.153	2.152	178.2545	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73967	1.414	1.409	92.0207	0.0922
n-Propanol	0.79973	2.538	2.535	174.6939	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2383 001_001

Batch Name: BAC_20250106_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2188	Aliquot 1:	0.2192
	Aliquot 2:	0.2249	Aliquot 2:	0.2262

KB 1/13/2025

Reported Result: ~~0.222~~ **g/100 mL**

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

Comments:

Blood QC B failed to meet acceptance criteria, outside 5% of target, this sample will be repeated
-KB 1/13/2025

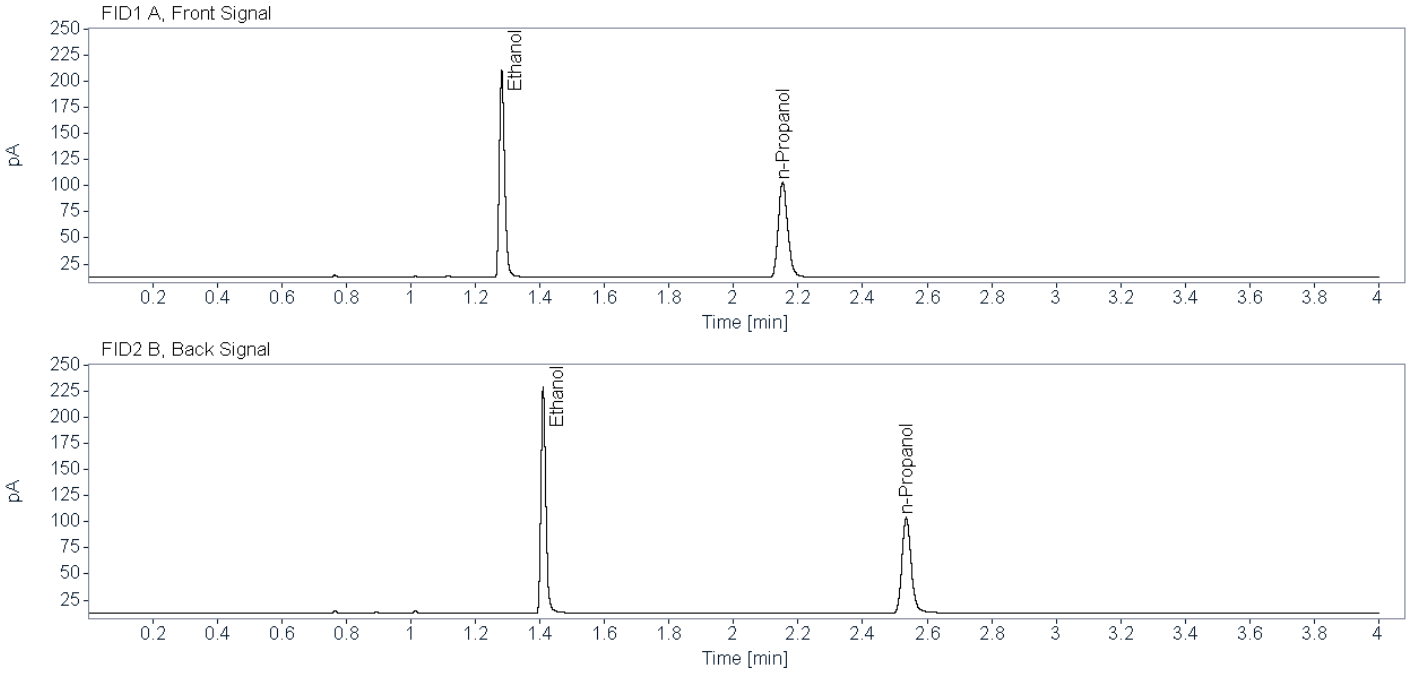
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2383 001_001 (25-0015) **Description:** Alq 1 **Sample Barcode** 25-0015 **Vial Number:** 15

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 11:33:39 AM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\015F1501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77135	1.282	1.281	225.5942	0.2188
n-Propanol	0.79184	2.152	2.152	183.3766	0.0100

Name FID2B

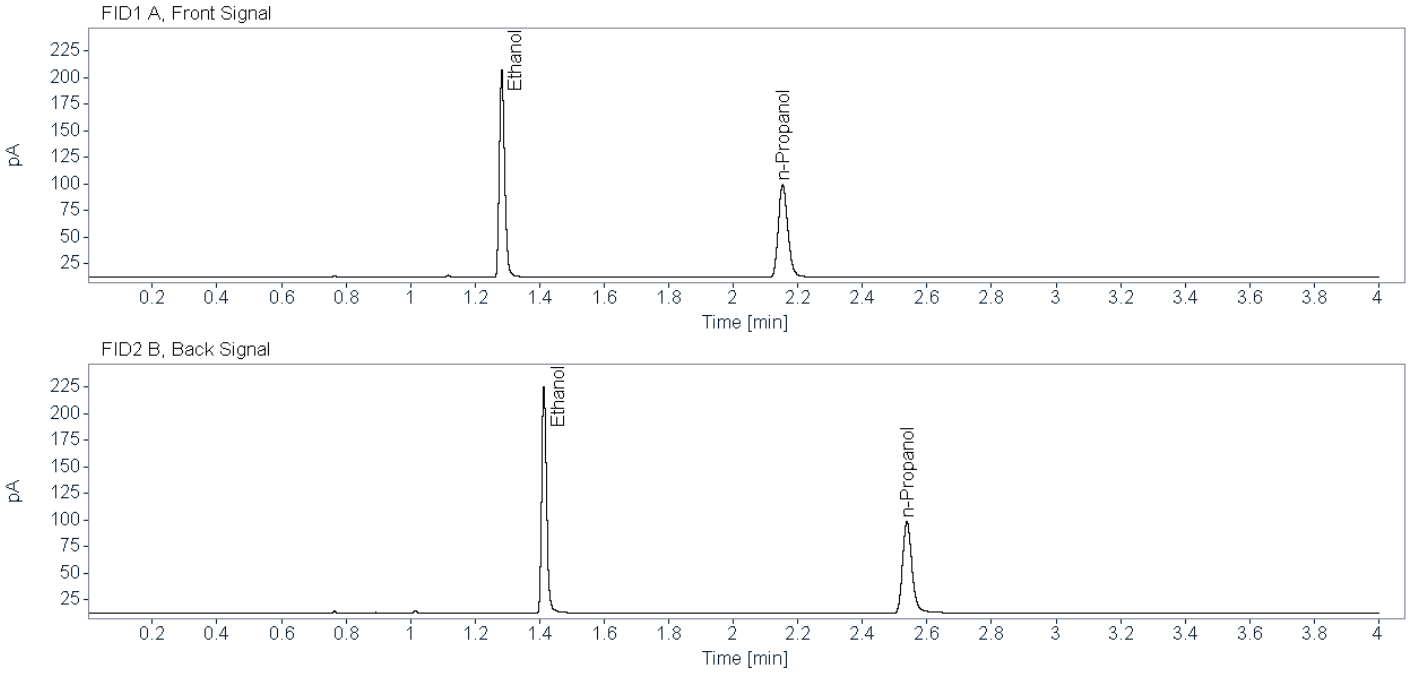
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78801	1.410	1.409	228.8805	0.2192
n-Propanol	0.81687	2.535	2.535	181.1714	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2383 001_001 (25-0063) **Description:** Alq 2 **Sample Barcode** 25-0063 **Vial Number:** 63

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 3:43:15 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\063F6301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78444	1.283	1.281	223.3006	0.2249
n-Propanol	0.78911	2.153	2.152	176.5517	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77507	1.413	1.409	225.4579	0.2262
n-Propanol	0.80287	2.538	2.535	172.9027	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2386 001_001

Batch Name: BAC_20250106_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2151	Aliquot 1:	0.2145
	Aliquot 2:	0.2352	Aliquot 2:	0.2379

KB 1/13/2025

Reported Result: ~~0.225~~ **g/100 mL**

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

Comments:

Blood QC B failed to meet acceptance criteria, outside 5% of target, this sample will be repeated
-KB 1/13/2025

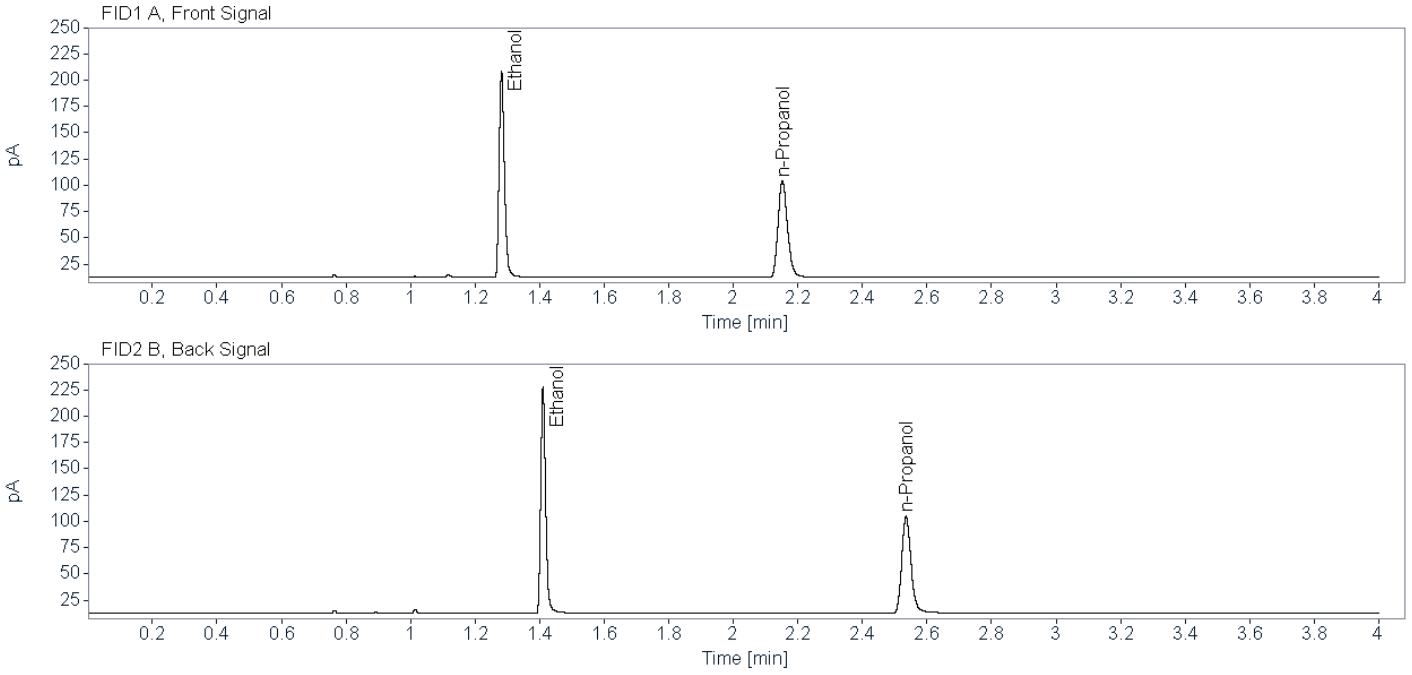
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2386 001_001 (25-0016) **Description:** Alq 1 **Sample Barcode** 25-0016 **Vial Number:** 16

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 11:38:22 AM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\016F1601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76936	1.282	1.281	224.5845	0.2151
n-Propanol	0.80714	2.152	2.152	185.6949	0.0100

Name FID2B

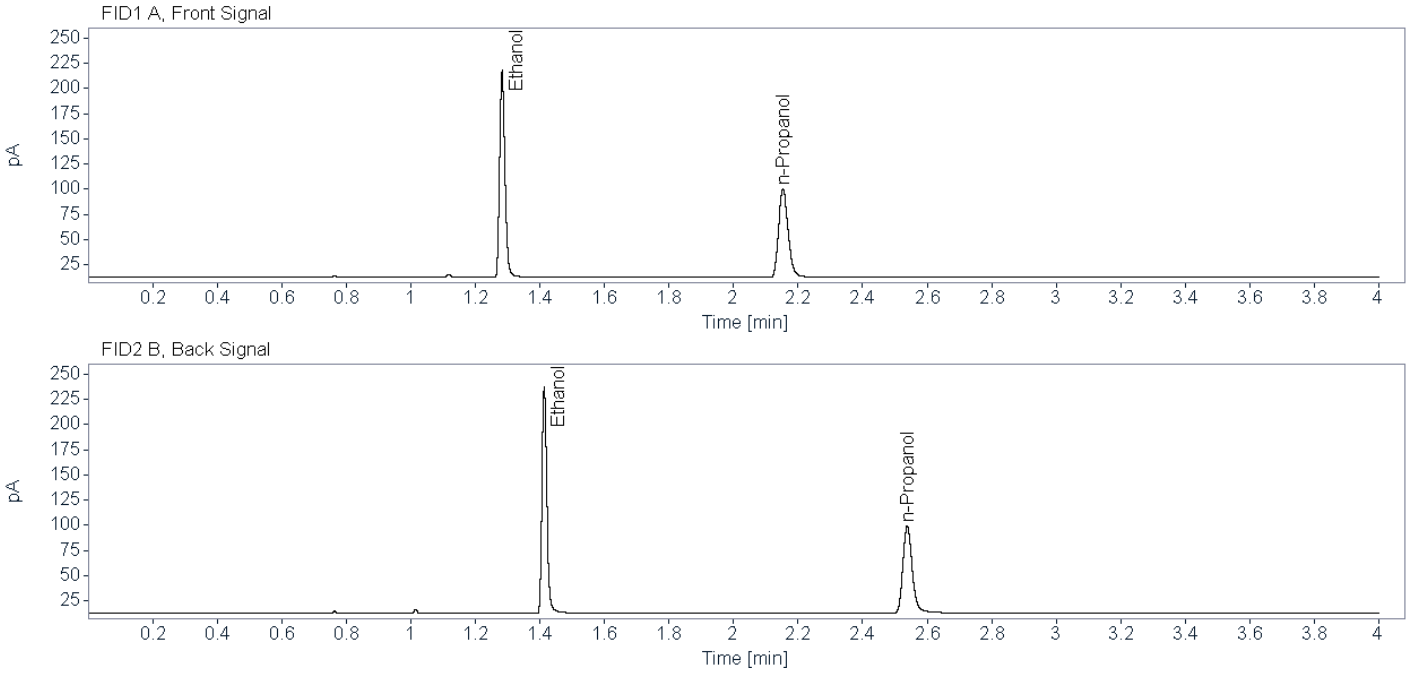
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77394	1.410	1.409	227.3833	0.2145
n-Propanol	0.82475	2.535	2.535	183.9499	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2386 001_001 (25-0062) **Description:** Alq 2 **Sample Barcode** 25-0062 **Vial Number:** 62

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 3:37:33 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\062F6201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78268	1.283	1.281	235.4710	0.2352
n-Propanol	0.79242	2.153	2.152	178.0004	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79327	1.413	1.409	238.1775	0.2379
n-Propanol	0.79505	2.538	2.535	173.6556	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2388 001_001

Batch Name: BAC_20250106_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1620	Aliquot 1:	0.1621
	Aliquot 2:	0.1717	Aliquot 2:	0.1731

KB 1/13/2025

Reported Result: ~~0.167~~ **g/100 mL**

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

Comments:

Blood QC B failed to meet acceptance criteria, outside 5% of target, this sample will be repeated
-KB 1/13/2025

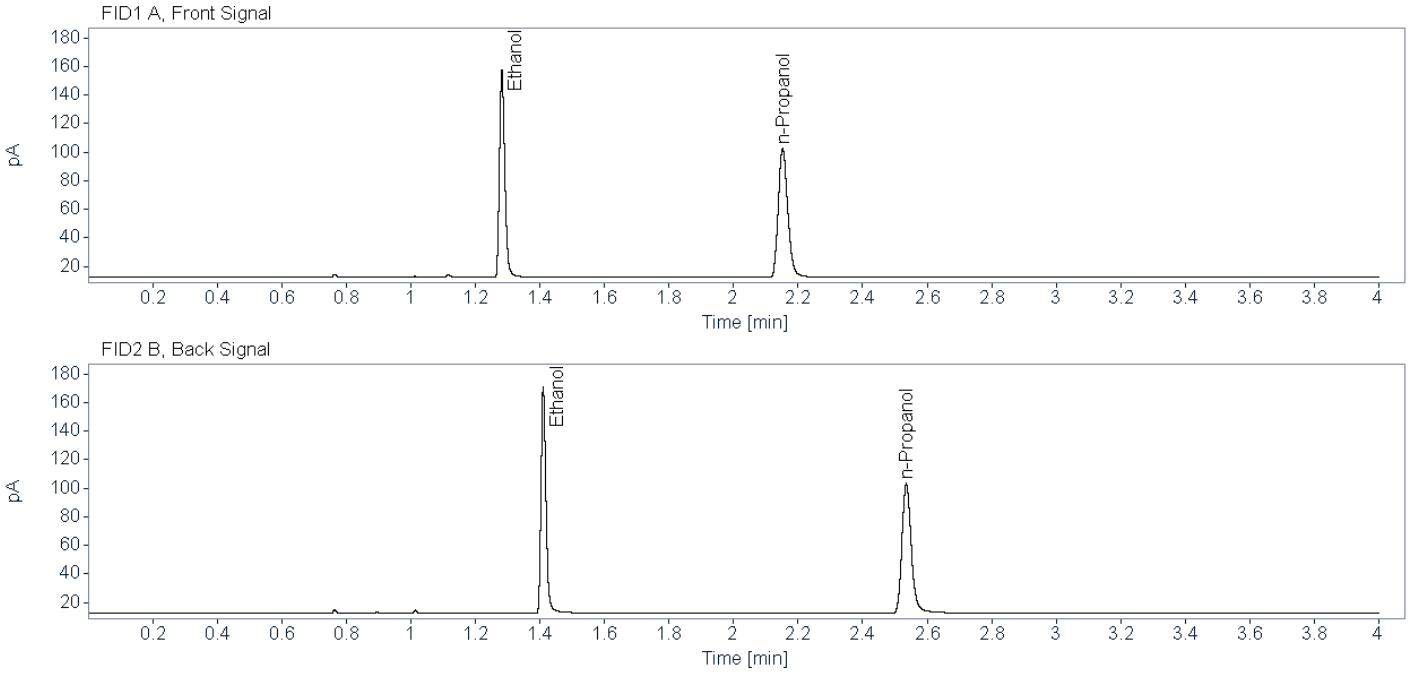
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2388 001_001 (25-0017) **Description:** Alq 1 **Sample Barcode** 25-0017 **Vial Number:** 17

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 11:44:03 AM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\017F1701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76234	1.282	1.281	166.5709	0.1620
n-Propanol	0.78980	2.152	2.152	183.1790	0.0100

Name FID2B

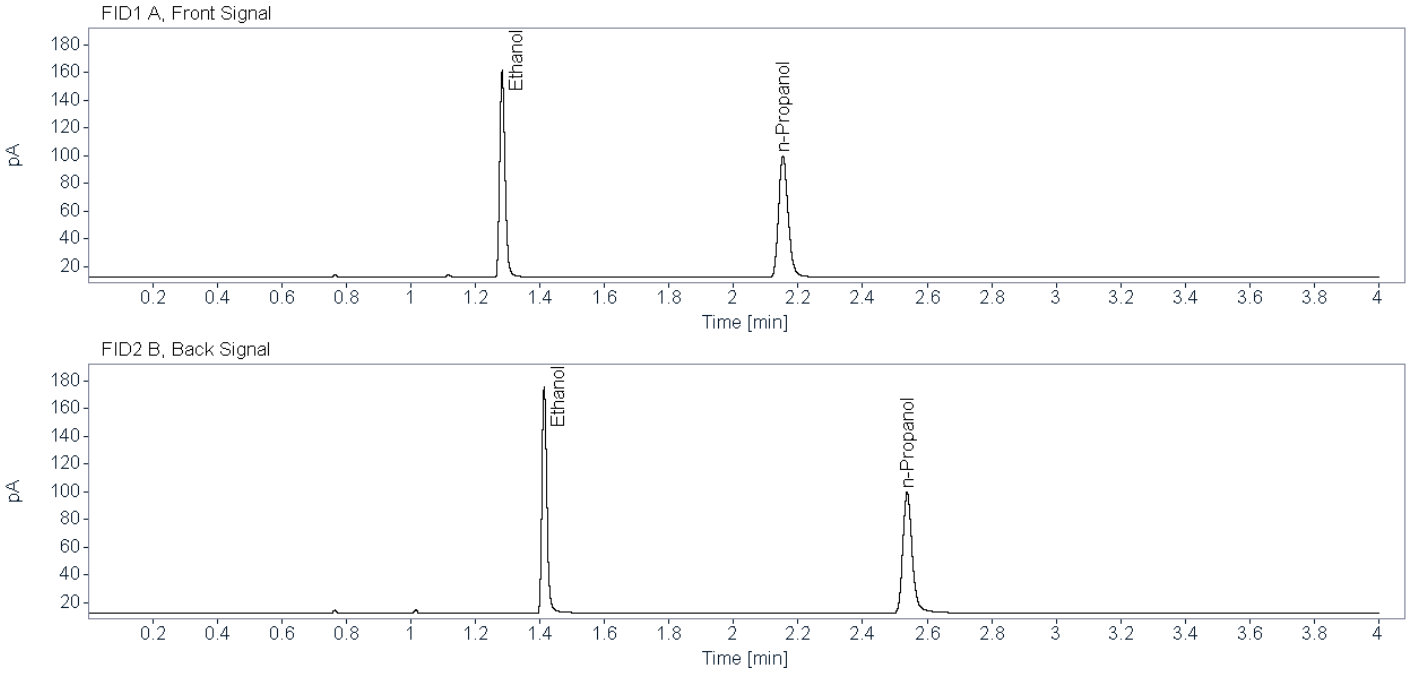
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77205	1.410	1.409	168.3175	0.1621
n-Propanol	0.80684	2.535	2.535	180.6352	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2388 001_001 (25-0061) **Description:** Alq 2 **Sample Barcode** 25-0061 **Vial Number:** 61

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 3:32:51 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\061F6101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77873	1.283	1.281	171.4431	0.1717
n-Propanol	0.79057	2.153	2.152	177.8092	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77854	1.413	1.409	173.0931	0.1731
n-Propanol	0.79584	2.538	2.535	173.8299	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2390 001_001

Batch Name: BAC_20250106_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1149	Aliquot 1:	0.1153
	Aliquot 2:	0.1172	Aliquot 2:	0.1184

KB 1/13/2025

Reported Result: **0.116** **g/100 mL**

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

Comments:

Blood QC B failed to meet acceptance criteria, outside 5% of target, this sample will be repeated
-KB 1/13/2025

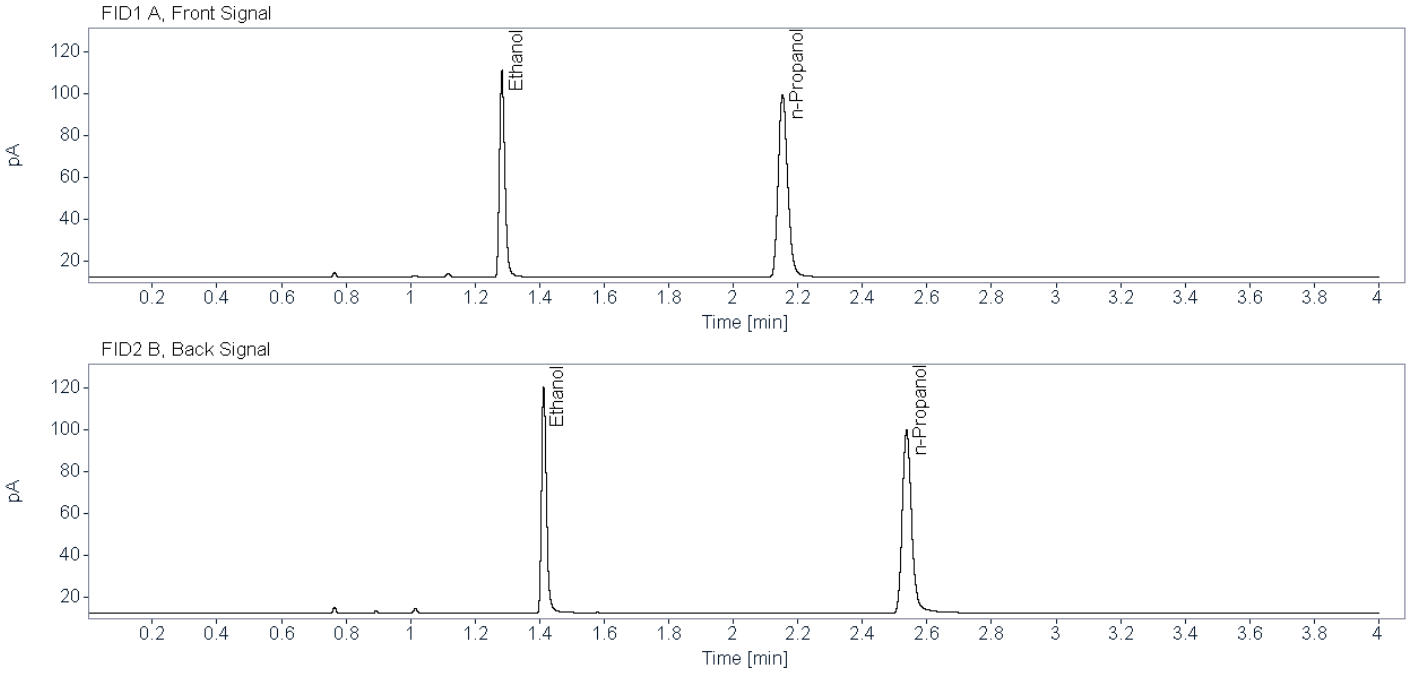
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2390 001_001 (25-0018) **Description:** Alq 1 **Sample Barcode** 25-0018 **Vial Number:** 18

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 11:48:46 AM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\018F1801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76197	1.283	1.281	113.7145	0.1149
n-Propanol	0.79271	2.153	2.152	176.7375	0.0100

Name FID2B

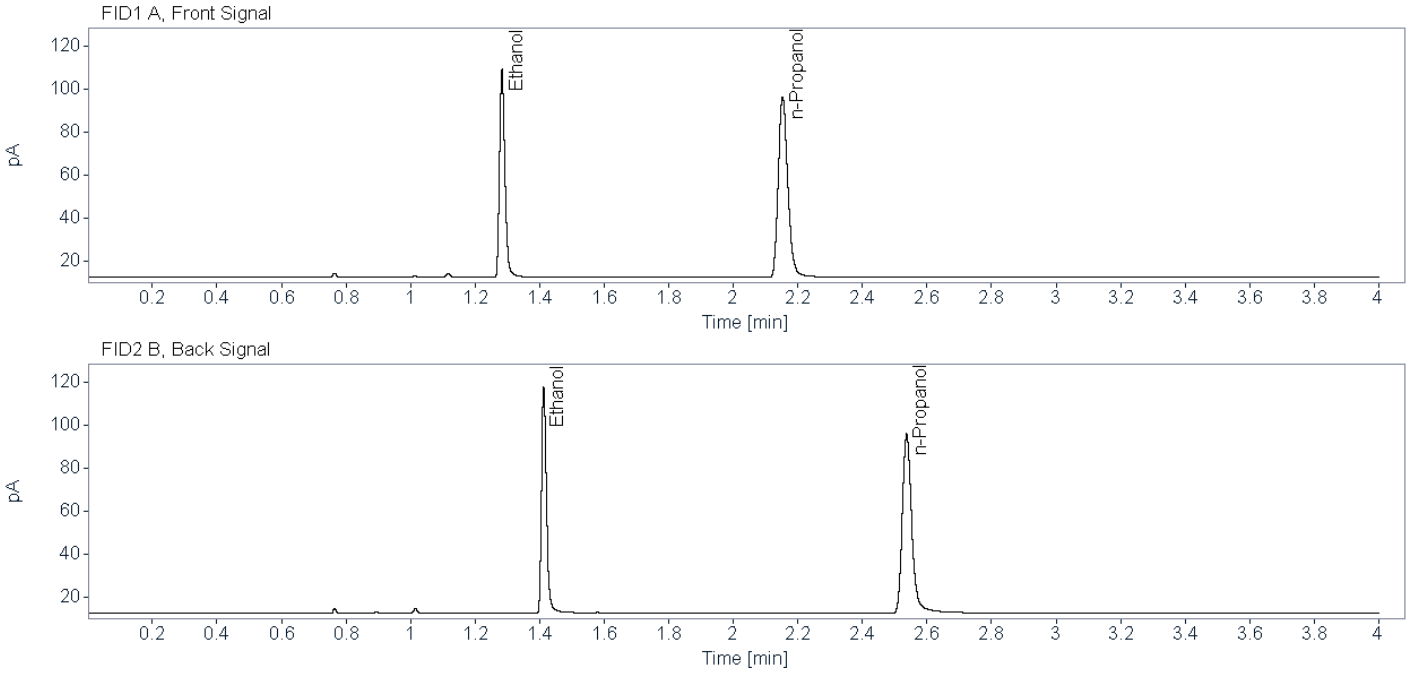
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75592	1.413	1.409	114.9511	0.1153
n-Propanol	0.80355	2.537	2.535	173.9369	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2390 001_001 (25-0060) **Description:** Alq 2 **Sample Barcode** 25-0060 **Vial Number:** 60

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 3:27:10 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\060F6001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76156	1.283	1.281	112.0943	0.1172
n-Propanol	0.78297	2.153	2.152	170.8589	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74697	1.413	1.409	113.2631	0.1184
n-Propanol	0.78758	2.537	2.535	166.9334	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2392 001_001

Batch Name: BAC_20250106_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1265	Aliquot 1:	0.1267
	Aliquot 2:	0.1258	Aliquot 2:	0.1269

KB 1/13/2025

Reported Result: 0.126 **g/100 mL**

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

Comments:

Blood QC B failed to meet acceptance criteria, outside 5% of target, this sample will be repeated
-KB 1/13/2025

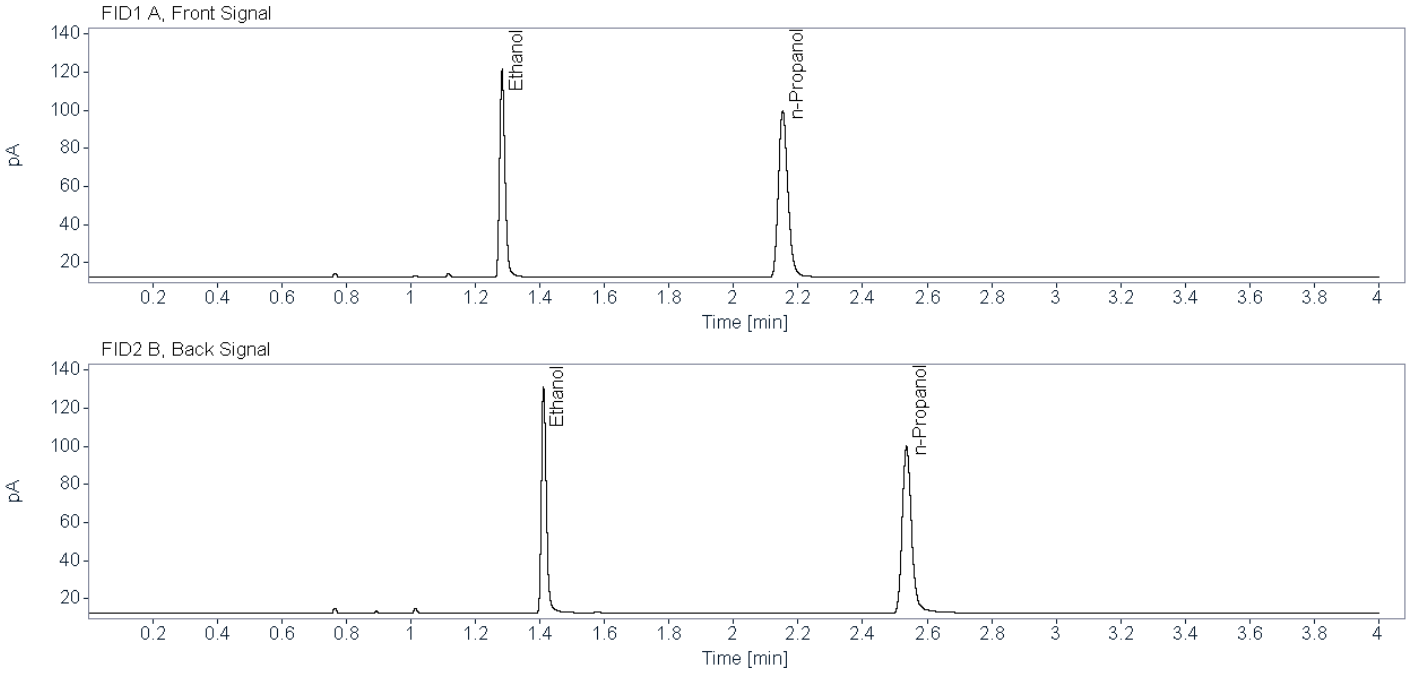
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2392 001_001 (25-0019) **Description:** Alq 1 **Sample Barcode** 25-0019 **Vial Number:** 19

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 11:54:27 AM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\019F1901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75076	1.283	1.281	125.3986	0.1265
n-Propanol	0.79185	2.152	2.152	176.9630	0.0100

Name FID2B

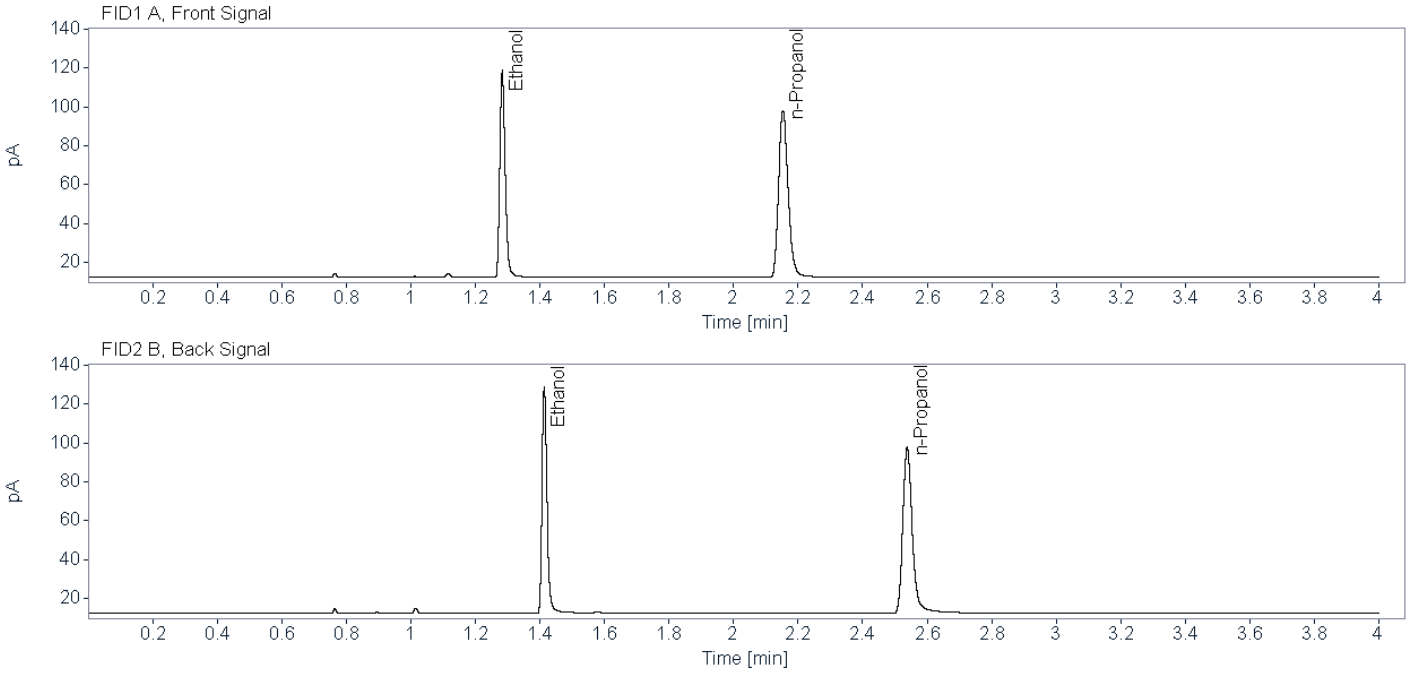
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74684	1.411	1.409	126.8084	0.1267
n-Propanol	0.79617	2.536	2.535	174.4130	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2392 001_001 (25-0059) **Description:** Alq 2 **Sample Barcode** 25-0059 **Vial Number:** 59

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 3:22:27 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\059F5901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75522	1.283	1.281	122.9895	0.1258
n-Propanol	0.78951	2.153	2.152	174.5083	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76953	1.414	1.409	123.9763	0.1269
n-Propanol	0.79238	2.538	2.535	170.3672	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2393 001_001

Batch Name: BAC_20250106_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1847	Aliquot 1:	0.1856
	Aliquot 2:	0.1960	Aliquot 2:	0.1986

KB 1/13/2025

Reported Result: **0.191** **g/100 mL**

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

Comments:

Blood QC B failed to meet acceptance criteria, outside 5% of target, this sample will be repeated
-KB 1/13/2025

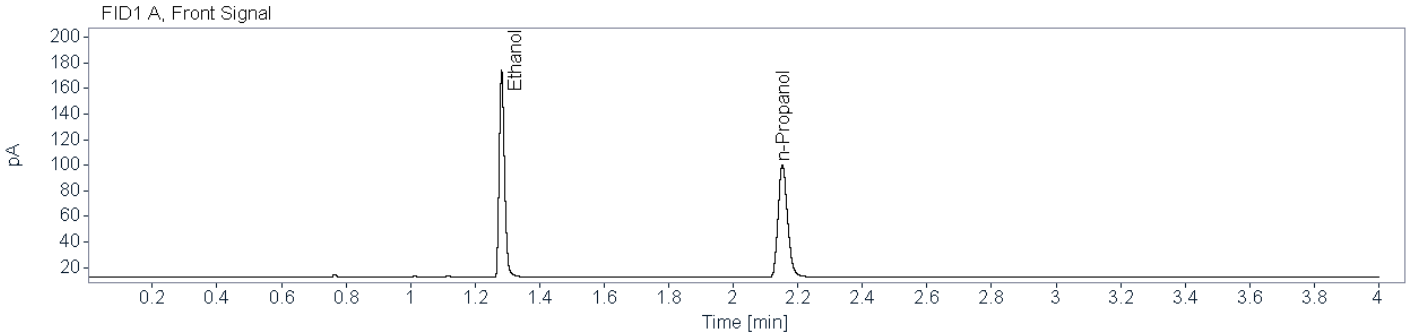
Total Number of Printed Examination Pages: 0

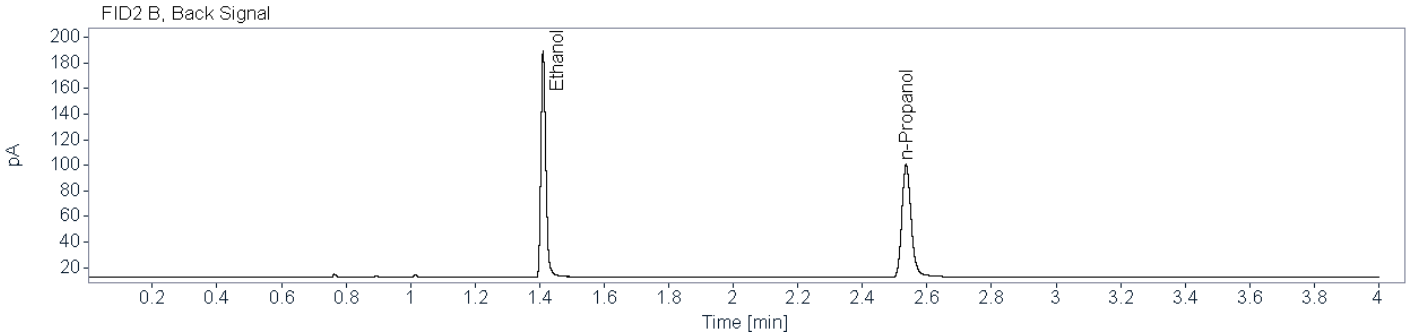
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2393 001_001 (25-0020) **Description:** Alq 1 **Sample Barcode** 25-0020 **Vial Number:** 20

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 11:59:10 AM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\020F2001.D





Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76644	1.282	1.281	185.3102	0.1847
n-Propanol	0.79676	2.152	2.152	178.6086	0.0100

Name FID2B

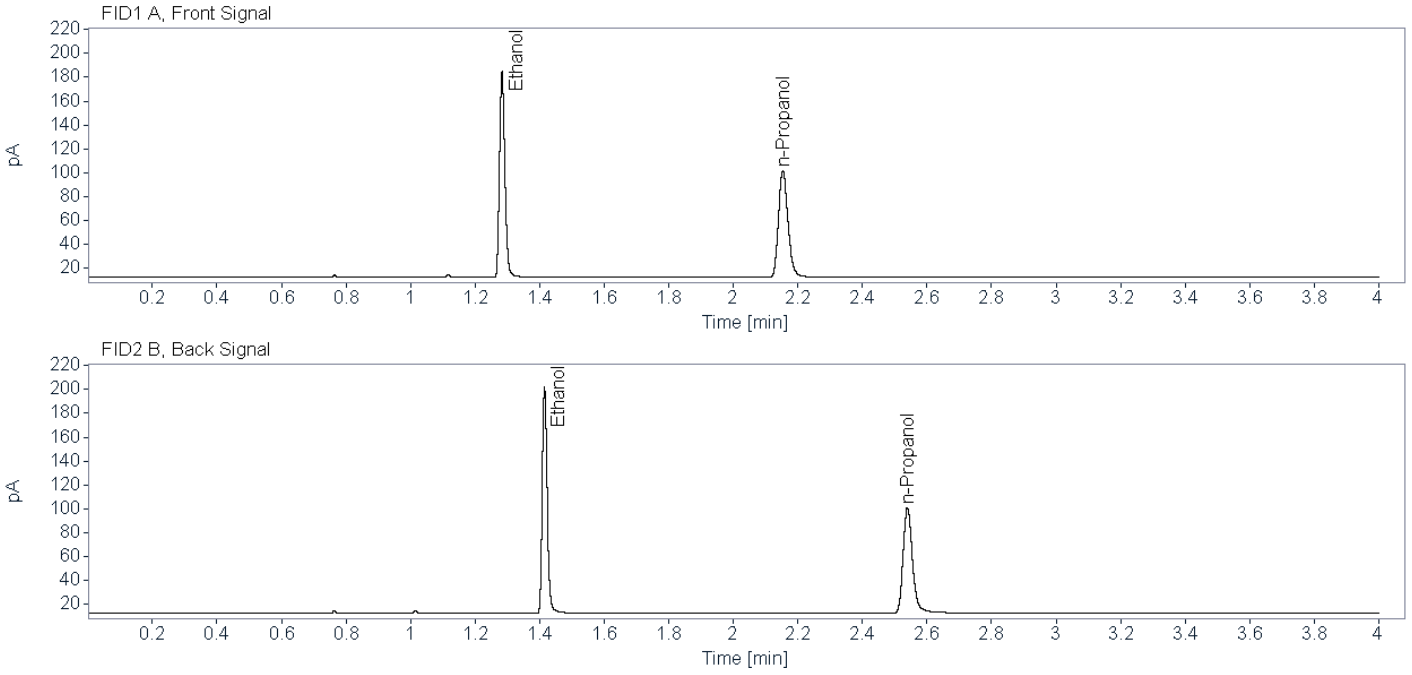
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77124	1.411	1.409	187.4077	0.1856
n-Propanol	0.81071	2.536	2.535	175.4344	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2393 001_001 (25-0058) **Description:** Alq 2 **Sample Barcode** 25-0058 **Vial Number:** 58

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 3:16:46 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\058F5801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80134	1.283	1.281	199.6440	0.1960
n-Propanol	0.79097	2.154	2.152	181.3074	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79690	1.415	1.409	202.1508	0.1986
n-Propanol	0.78740	2.540	2.535	176.7603	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2394 001_001

Batch Name: BAC_20250106_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

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

Reported Result: **none detected**

Reported UM: _____

Comments:

Blood QC B failed to meet acceptance criteria, outside 5% of target, this sample is negative and will not be repeated -KB 1/13/2025

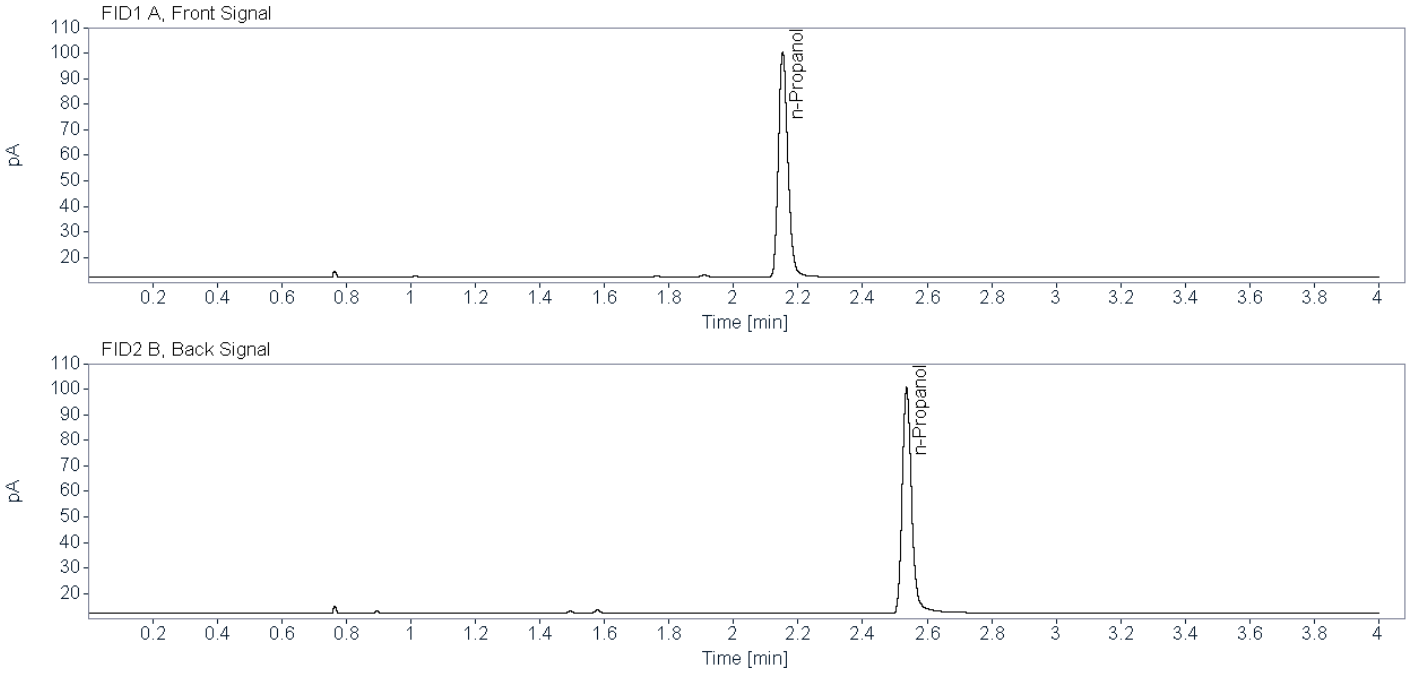
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2394 001_001 (25-0021) **Description:** Alq 1 **Sample Barcode** 25-0021 **Vial Number:** 21

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 12:04:51 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\021F2101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.79081	2.152	2.152	178.7256	0.0100

Name FID2B

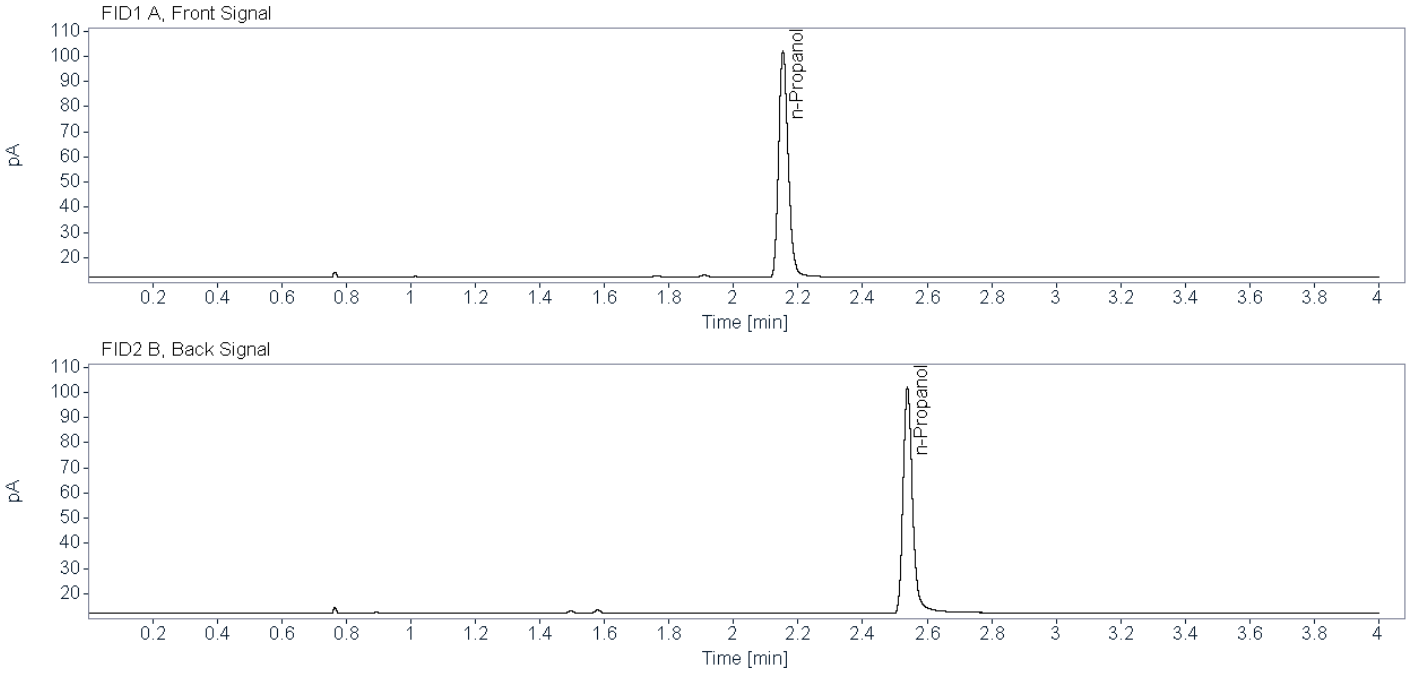
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80269	2.536	2.535	175.8905	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2394 001_001 (25-0057) **Description:** Alq 2 **Sample Barcode** 25-0057 **Vial Number:** 57

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 3:12:03 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\057F5701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.79562	2.153	2.152	182.9090	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.78991	2.539	2.535	178.6921	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2395 001_001

Batch Name: BAC_20250106_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2131	Aliquot 1:	0.2130
	Aliquot 2:	0.2350	Aliquot 2:	0.2378

KB 1/13/2025

Reported Result: ~~0.224~~ **g/100 mL**

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

Comments:

Blood QC A and B failed to meet acceptance criteria, outside 5% of target, this sample will be repeated -KB 1/13/2025

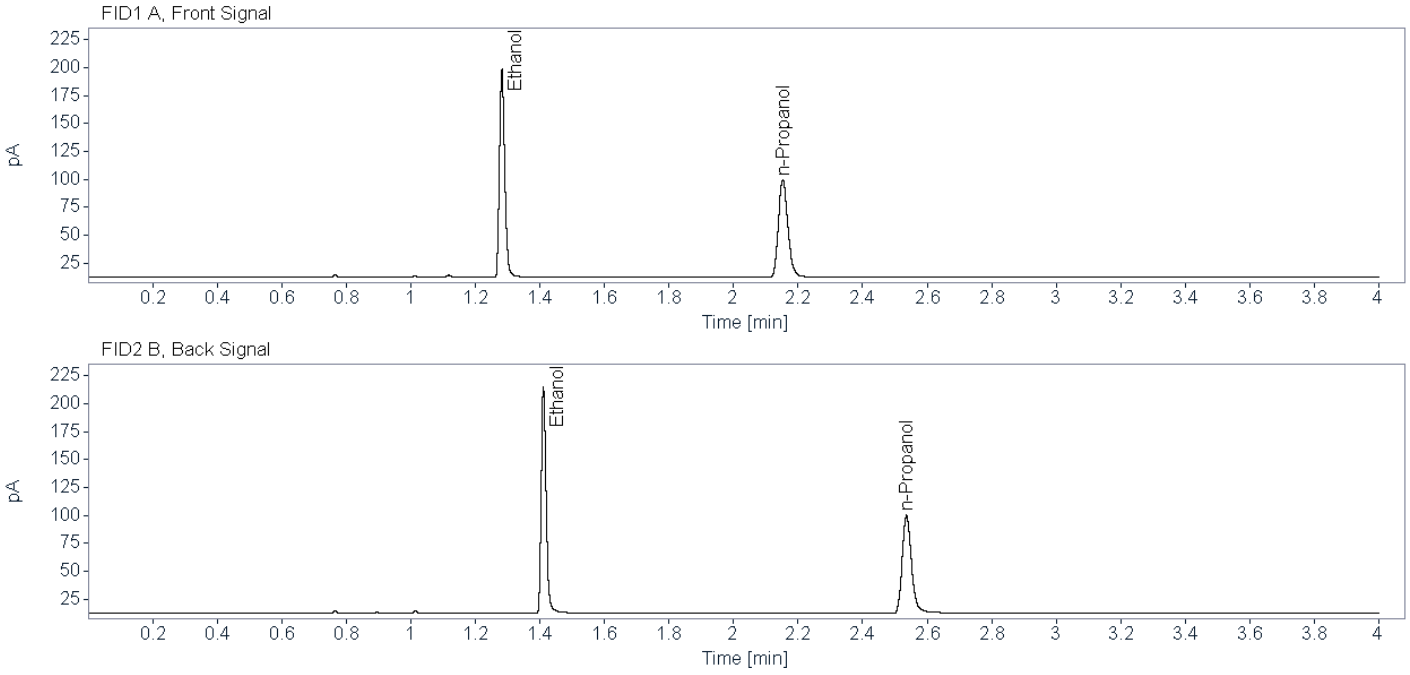
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2395 001_001 (25-0023) **Description:** Alq 1 **Sample Barcode** 25-0023 **Vial Number:** 23

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 12:15:15 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\023F2301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78312	1.282	1.281	212.4132	0.2131
n-Propanol	0.79049	2.152	2.152	177.3423	0.0100

Name FID2B

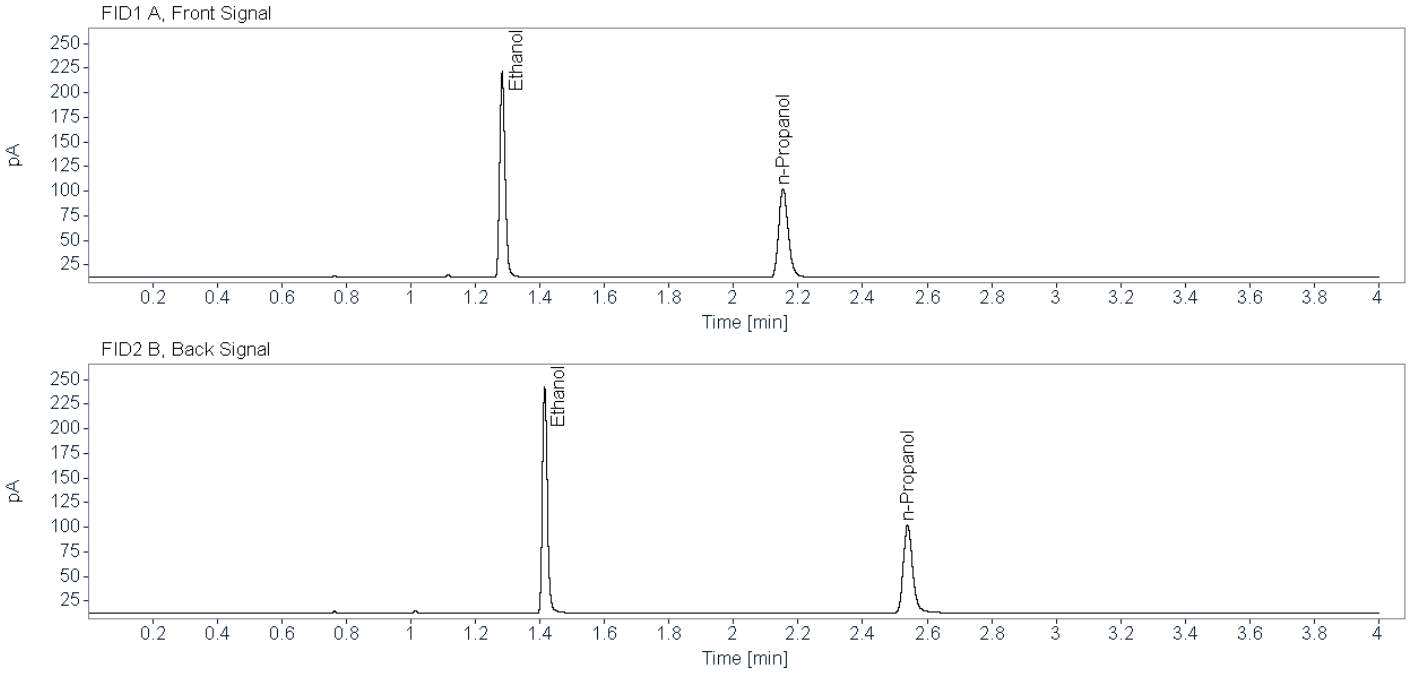
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76432	1.411	1.409	213.8705	0.2130
n-Propanol	0.79741	2.536	2.535	174.2927	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2395 001_001 (25-0055) **Description:** Alq 2 **Sample Barcode** 25-0055 **Vial Number:** 55

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 3:01:38 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\055F5501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80344	1.283	1.281	241.5172	0.2350
n-Propanol	0.79825	2.153	2.152	182.7524	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80576	1.415	1.409	244.6381	0.2378
n-Propanol	0.79435	2.539	2.535	178.4442	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2396 001_001

Batch Name: BAC_20250106_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

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

Reported Result: none detected

Reported UM: _____

Comments:

Blood QC A and B failed to meet acceptance criteria, outside 5% of target, this sample is negative and will not be repeated -KB 1/13/2025

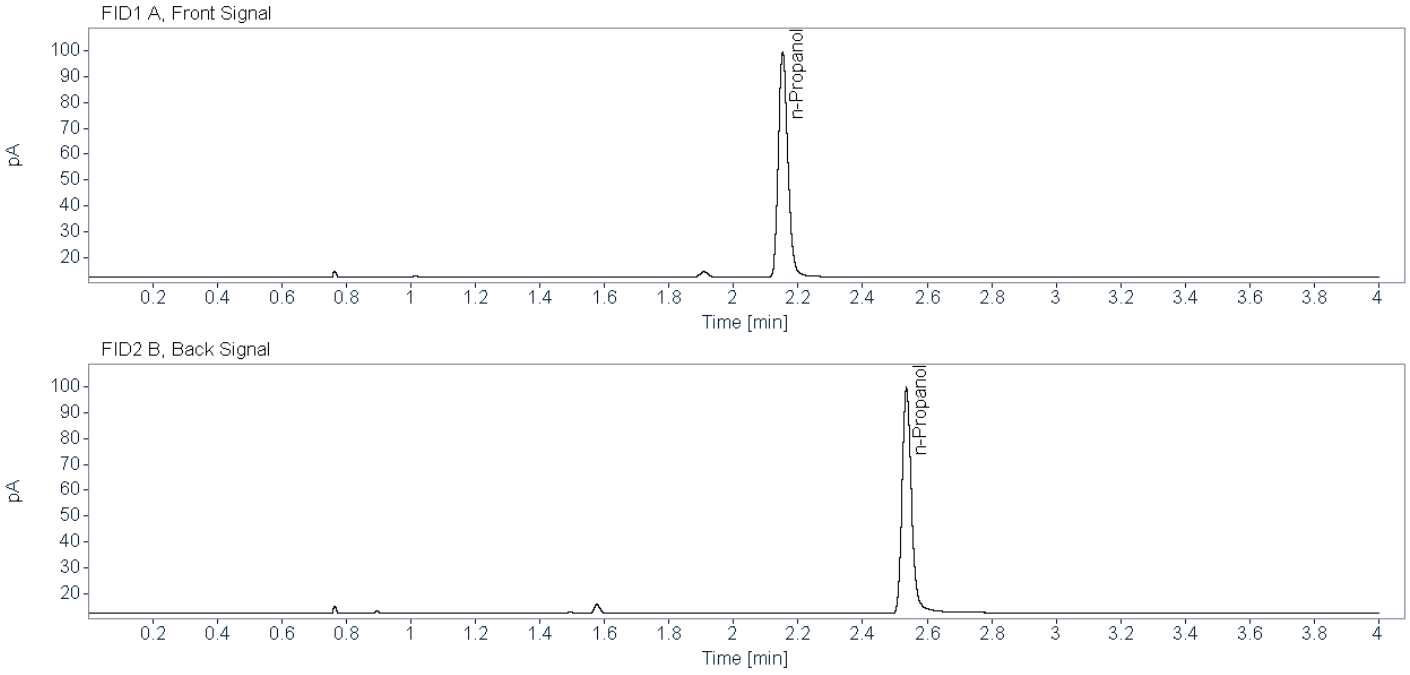
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2396 001_001 (25-0024) **Description:** Alq 1 **Sample Barcode** 25-0024 **Vial Number:** 24

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 12:19:58 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\024F2401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.79075	2.152	2.152	177.6043	0.0100

Name FID2B

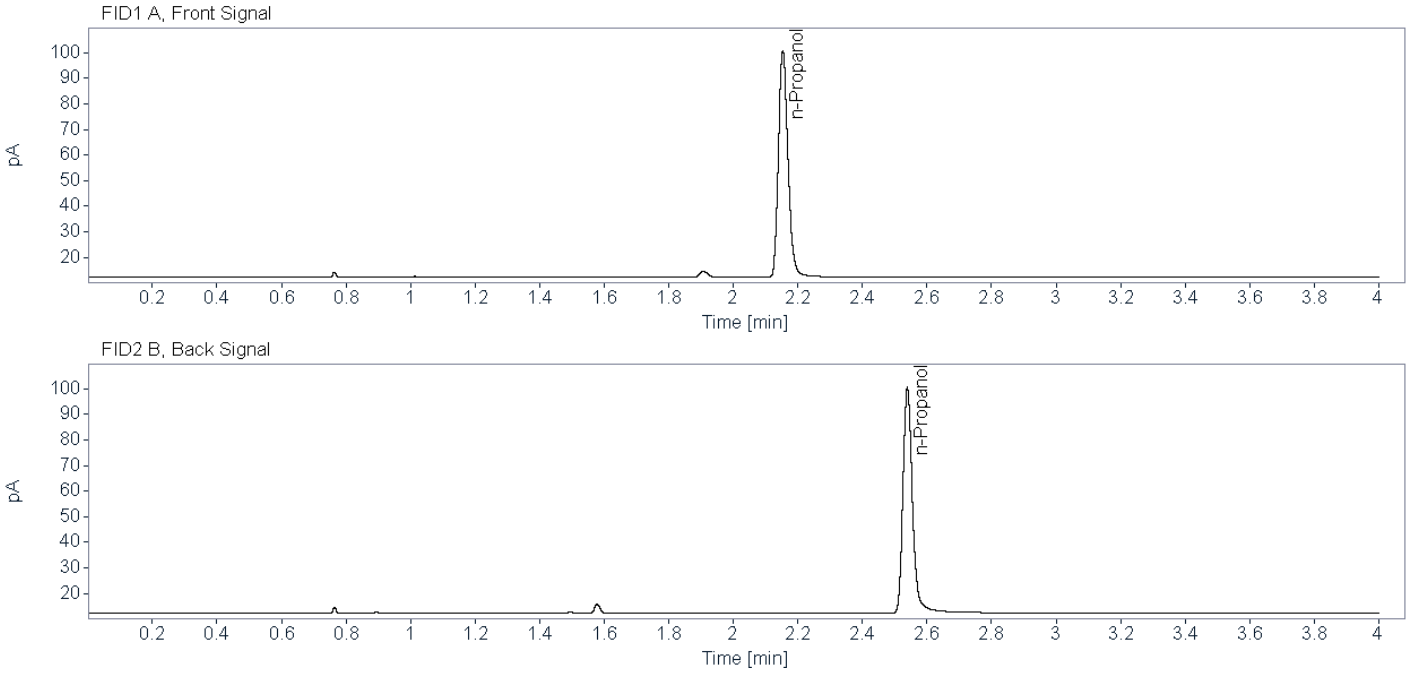
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.79947	2.536	2.535	174.5811	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2396 001_001 (25-0054) **Description:** Alq 2 **Sample Barcode** 25-0054 **Vial Number:** 54

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 2:55:58 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\054F5401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.79050	2.153	2.152	180.2656	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.80452	2.539	2.535	176.0927	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2398 001_001

Batch Name: BAC_20250106_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1181	Aliquot 1:	0.1189
	Aliquot 2:	0.1146	Aliquot 2:	0.1157

KB 1/13/2025

Reported Result: 0.116 **g/100 mL**

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

Comments:

Blood QC A and B failed to meet acceptance criteria, outside 5% of target, this sample will be repeated
-KB 1/13/2025

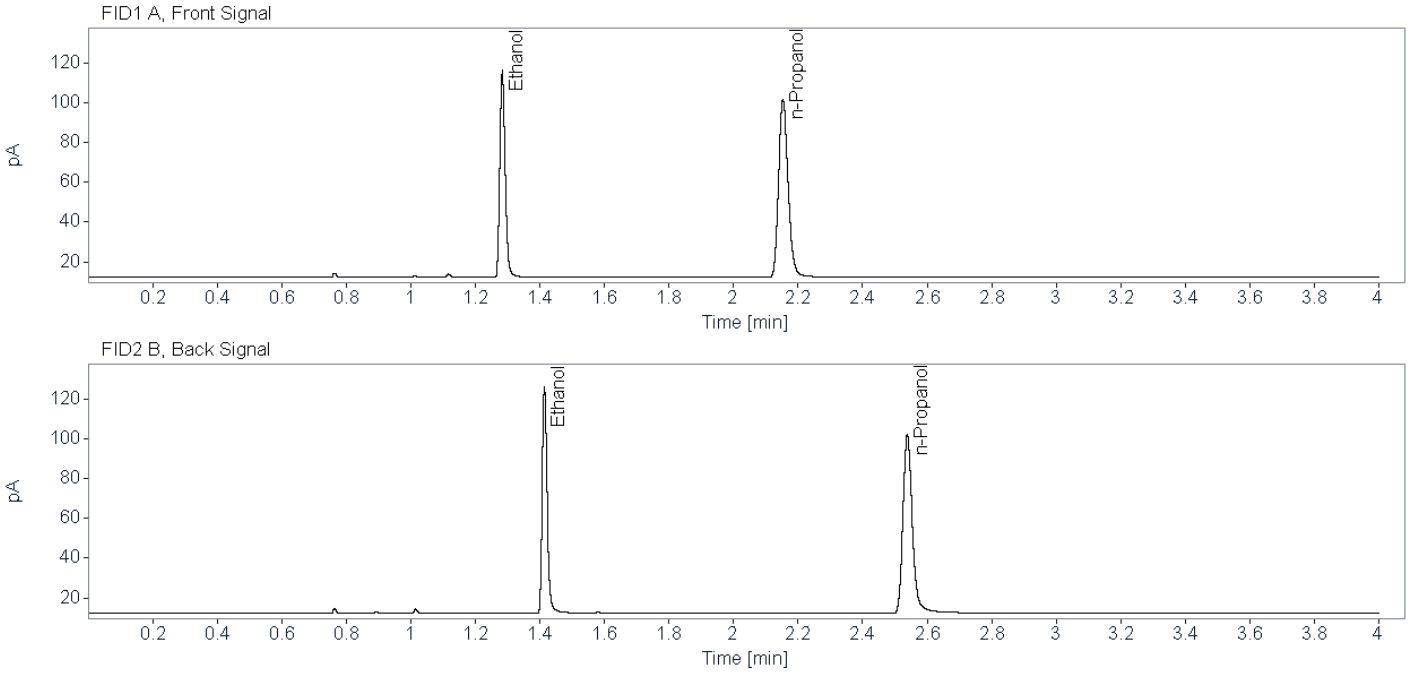
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2398 001_001 (25-0025) **Description:** Alq 1 **Sample Barcode** 25-0025 **Vial Number:** 25

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 12:25:39 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\025F2501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77673	1.284	1.281	119.7476	0.1181
n-Propanol	0.79691	2.153	2.152	181.0607	0.0100

Name FID2B

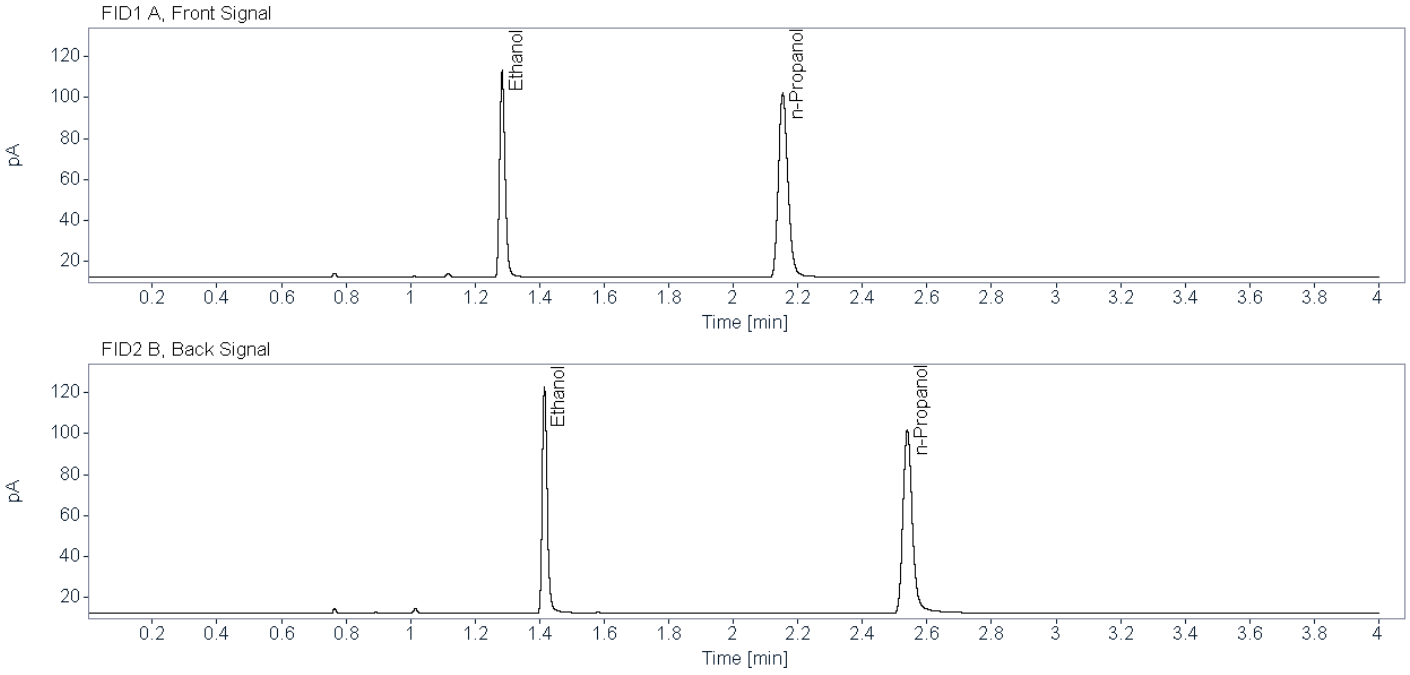
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76404	1.414	1.409	120.8902	0.1189
n-Propanol	0.81285	2.538	2.535	177.4166	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2398 001_001 (25-0053) **Description:** Alq 2 **Sample Barcode** 25-0053 **Vial Number:** 53

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 2:51:15 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\053F5301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77409	1.284	1.281	117.0777	0.1146
n-Propanol	0.78873	2.153	2.152	182.4367	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76648	1.415	1.409	118.3154	0.1157
n-Propanol	0.80340	2.539	2.535	178.5009	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2400 001_001

Batch Name: BAC_20250106_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.3359	Aliquot 1:	0.3389
	Aliquot 2:	0.3282	Aliquot 2:	0.3308

KB 1/13/2025

Reported Result: 0.333 **g/100 mL**

Reported UM: 0.054 **g/100 mL**

Comments:

Blood QC A and B failed to meet acceptance criteria, outside 5% of target, this sample will be repeated
-KB 1/13/2025

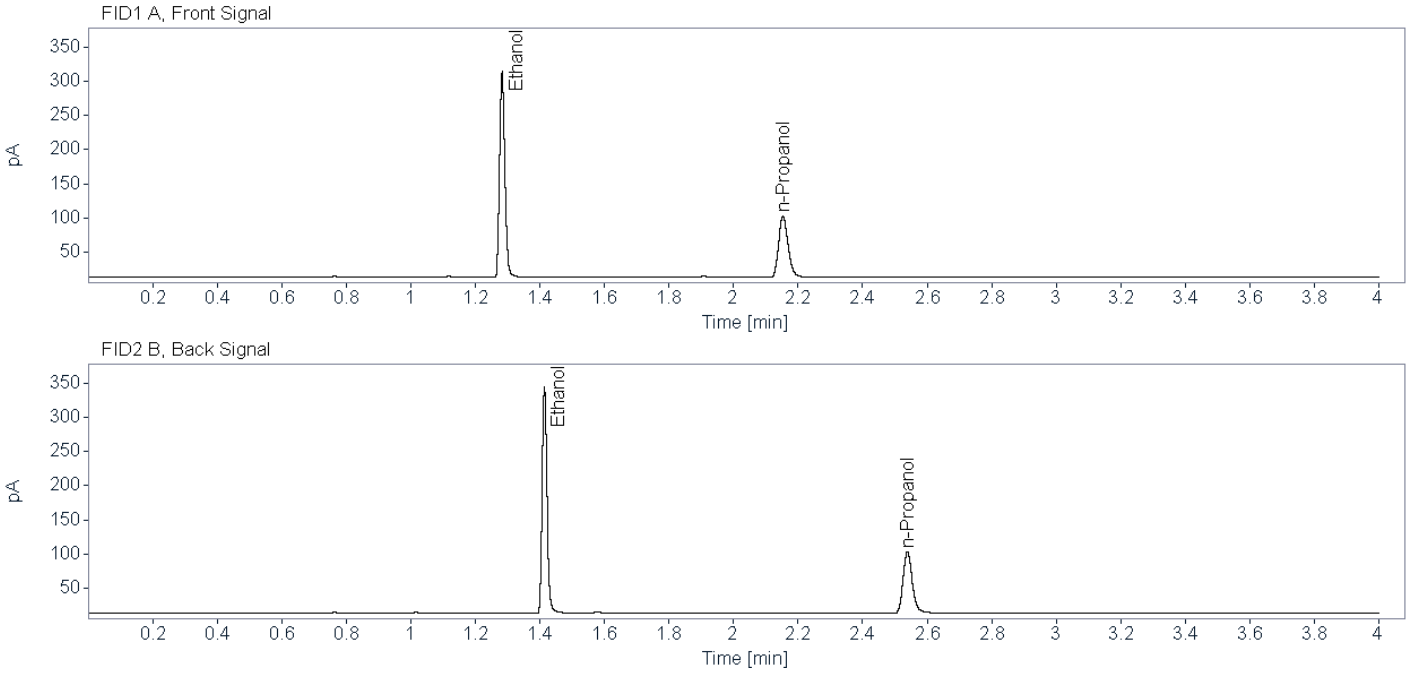
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2400 001_001 (25-0026) **Description:** Alq 1 **Sample Barcode** 25-0026 **Vial Number:** 26

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 12:30:22 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\026F2601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80869	1.283	1.281	345.6918	0.3359
n-Propanol	0.79762	2.153	2.152	182.7618	0.0100

Name FID2B

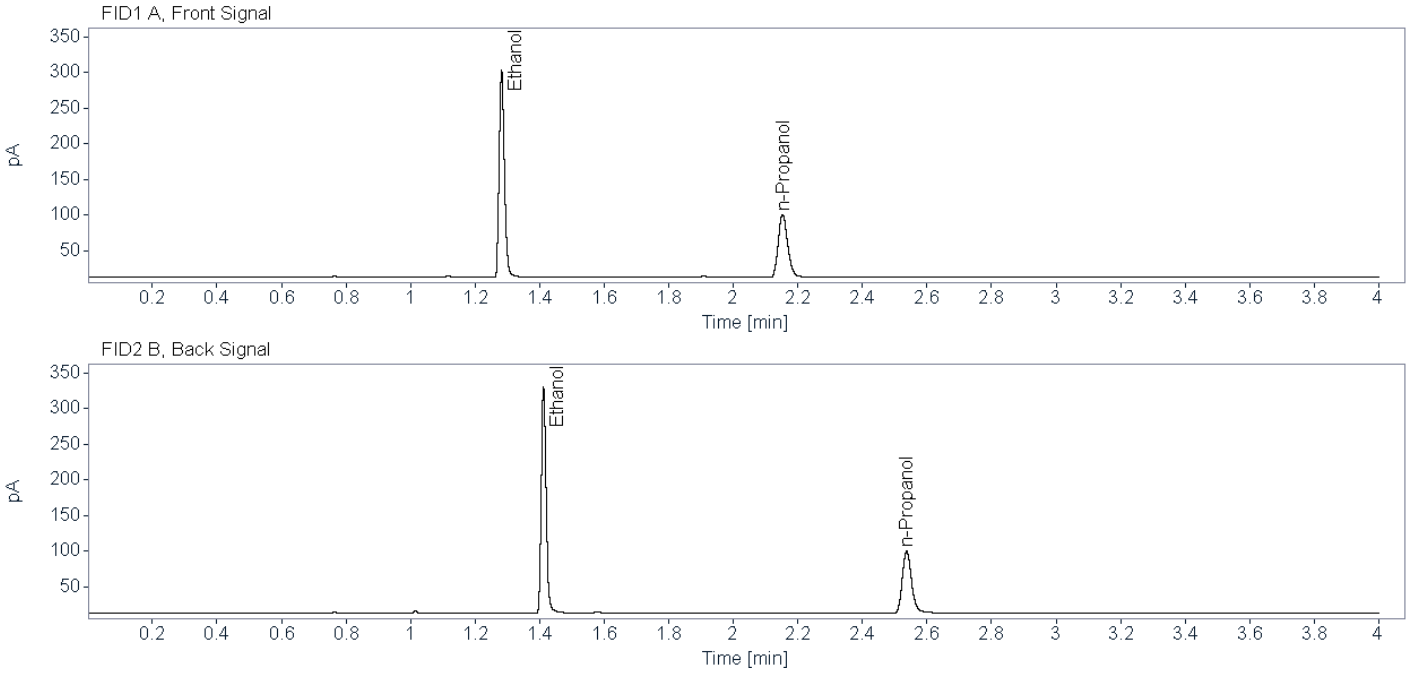
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82643	1.414	1.409	350.6604	0.3389
n-Propanol	0.81236	2.539	2.535	179.1389	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2400 001_001 (25-0052) **Description:** Alq 2 **Sample Barcode** 25-0052 **Vial Number:** 52

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 2:45:33 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\052F5201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79349	1.282	1.281	330.3595	0.3282
n-Propanol	0.78932	2.153	2.152	178.7698	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80138	1.412	1.409	334.5611	0.3308
n-Propanol	0.79722	2.537	2.535	175.1202	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2406 001_001

Batch Name: BAC_20250106_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0941	Aliquot 1:	0.0949
	Aliquot 2:	0.0890	Aliquot 2:	0.0896

KB 1/13/2025

Reported Result: 0.091 **g/100 mL**

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

Comments:

Blood QC A and B failed to meet acceptance criteria, outside 5% of target, this sample will be repeated
-KB 1/13/2025

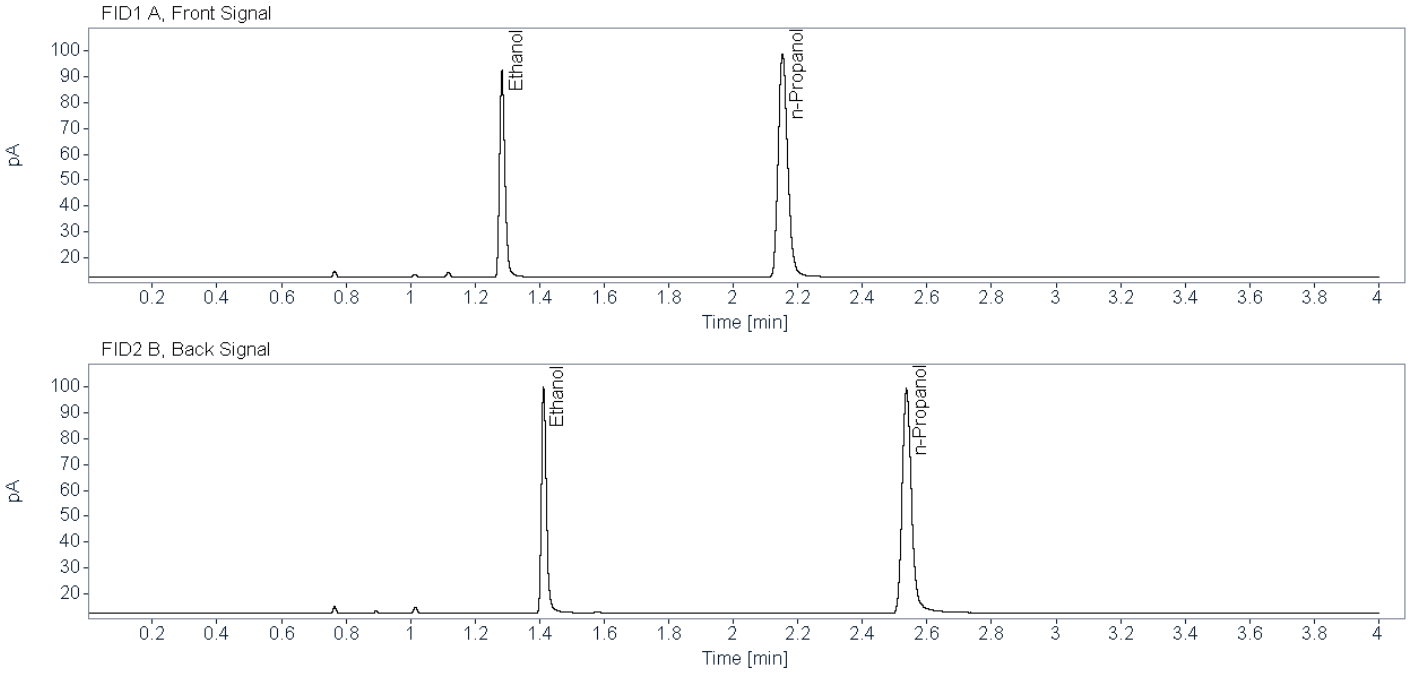
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2406 001_001 (25-0027) **Description:** Alq 1 **Sample Barcode** 25-0027 **Vial Number:** 27

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 12:36:03 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\027F2701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74411	1.283	1.281	92.5424	0.0941
n-Propanol	0.78814	2.153	2.152	175.9919	0.0100

Name FID2B

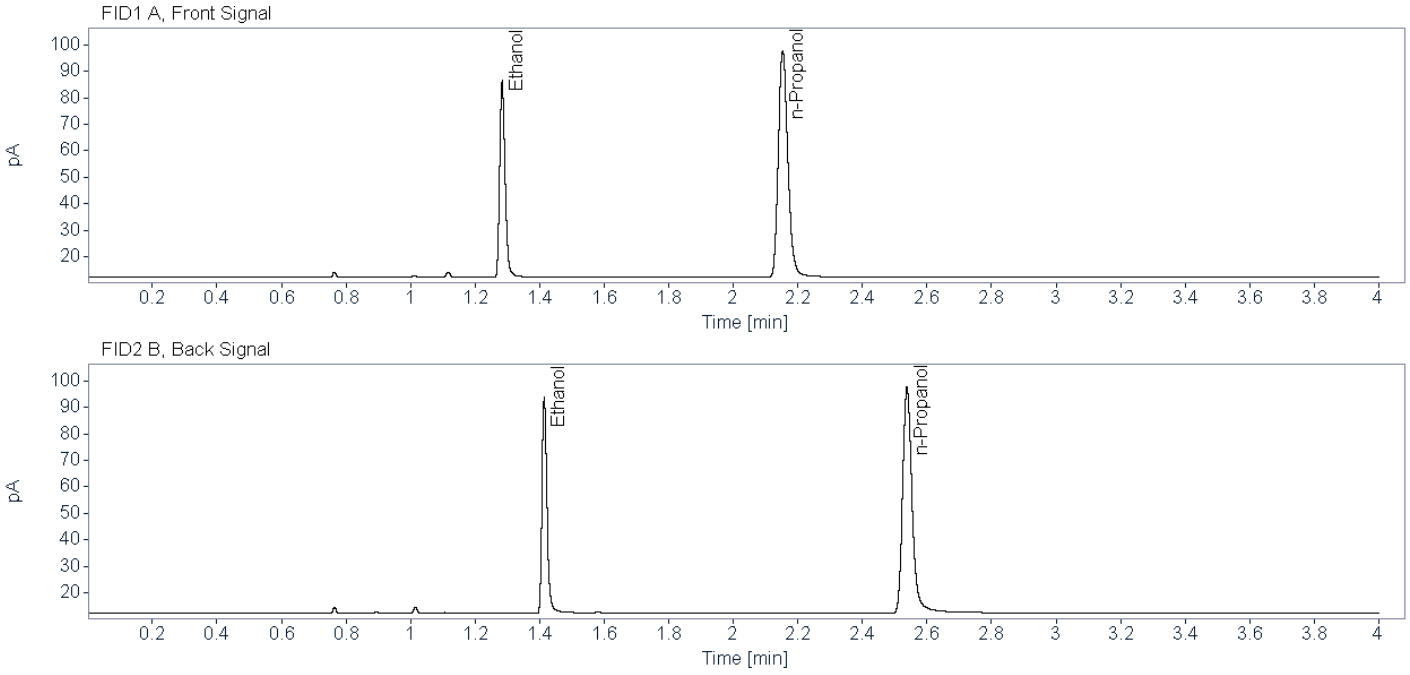
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74828	1.412	1.409	93.9519	0.0949
n-Propanol	0.79764	2.537	2.535	173.2186	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2406 001_001 (25-0051) **Description:** Alq 2 **Sample Barcode** 25-0051 **Vial Number:** 51

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 2:40:51 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\051F5101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76168	1.284	1.281	86.4730	0.0890
n-Propanol	0.78708	2.153	2.152	173.9103	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75823	1.414	1.409	87.1577	0.0896
n-Propanol	0.80175	2.538	2.535	170.2840	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2409 001_001

Batch Name: BAC_20250106_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1658	Aliquot 1:	0.1676
	Aliquot 2:	0.1621	Aliquot 2:	0.1642

KB 1/13/2025

Reported Result: 0.164 **g/100 mL**

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

Comments:

Blood QC A and B failed to meet acceptance criteria, outside 5% of target, this sample will be repeated
-KB 1/13/2025

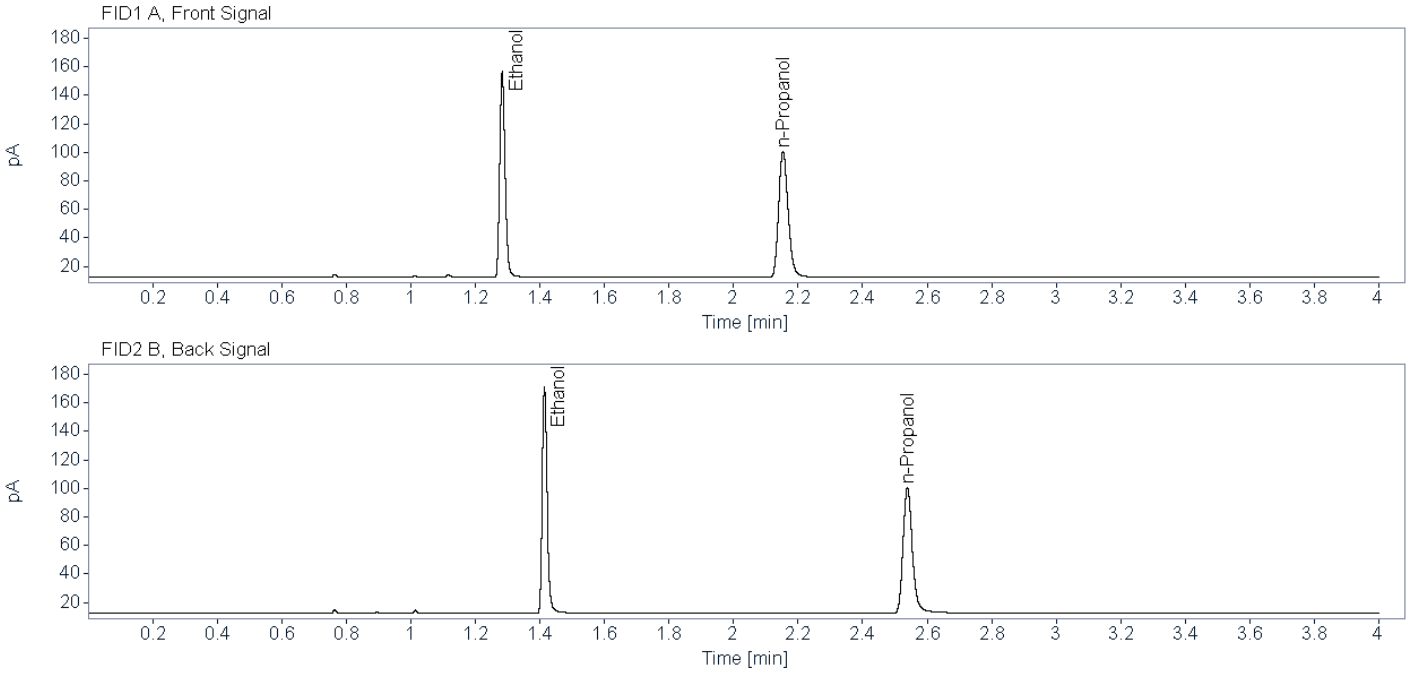
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2409 001_001 (25-0028) **Description:** Alq 1 **Sample Barcode** 25-0028 **Vial Number:** 28

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 12:40:46 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\028F2801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79857	1.283	1.281	166.7045	0.1658
n-Propanol	0.80123	2.153	2.152	179.1313	0.0100

Name FID2B

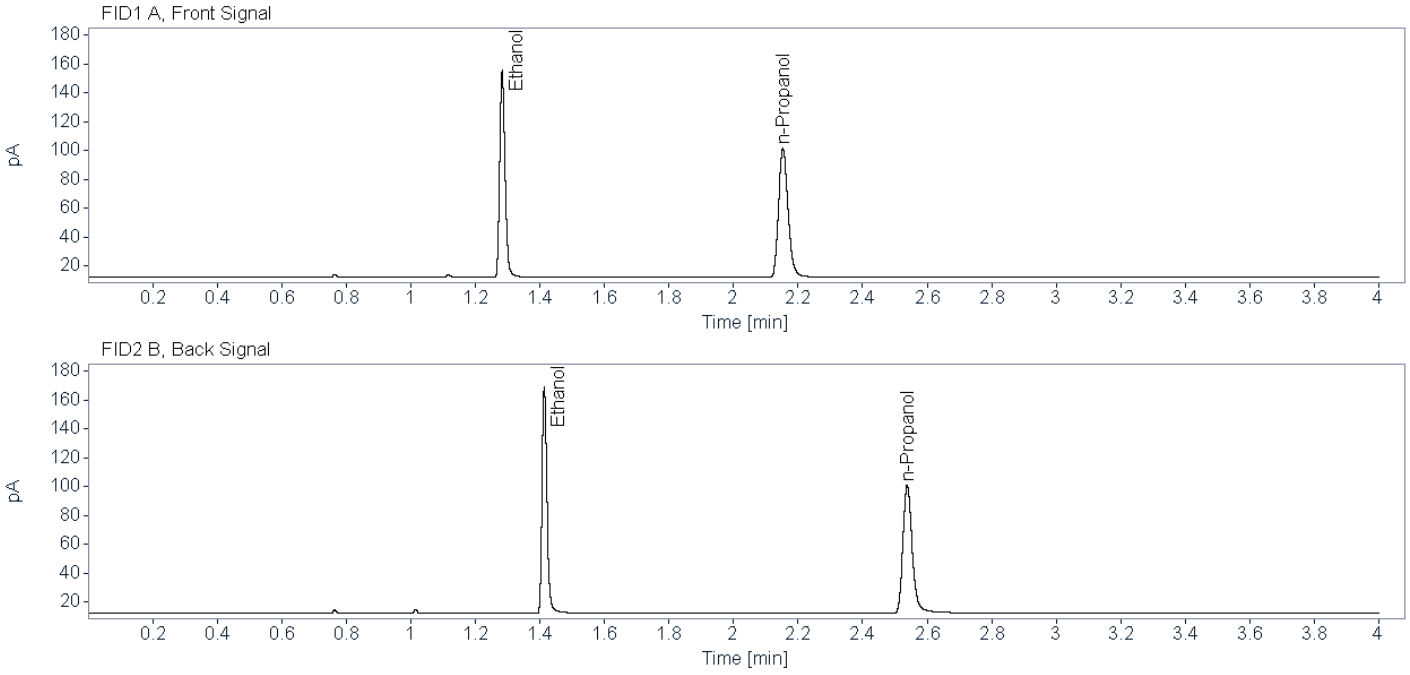
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78082	1.414	1.409	168.6679	0.1676
n-Propanol	0.80829	2.539	2.535	175.0082	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2409 001_001 (25-0050) **Description:** Alq 2 **Sample Barcode** 25-0050 **Vial Number:** 50

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 2:35:10 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\050F5001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78348	1.283	1.281	164.6346	0.1621
n-Propanol	0.79312	2.153	2.152	180.9070	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78183	1.414	1.409	166.2263	0.1642
n-Propanol	0.79839	2.538	2.535	176.0074	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2412 001_001

Batch Name: BAC_20250106_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0957	Aliquot 1:	0.0961
	Aliquot 2:	0.0961	Aliquot 2:	0.0970

KB 1/13/2025

Reported Result: 0.096 **g/100 mL**

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

Comments:

Blood QC A and B failed to meet acceptance criteria, outside 5% of target, this sample will be repeated
-KB 1/13/2025

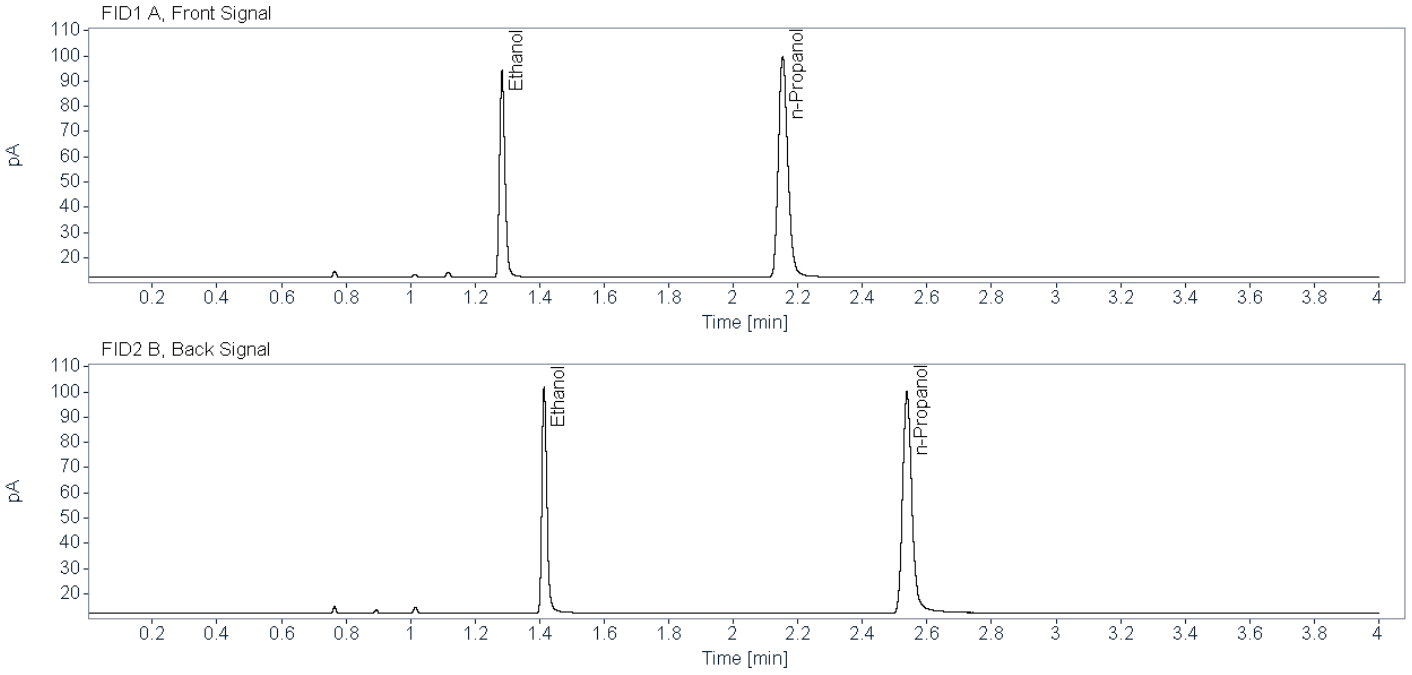
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2412 001_001 (25-0029) **Description:** Alq 1 **Sample Barcode** 25-0029 **Vial Number:** 29

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 12:46:27 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\029F2901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78110	1.284	1.281	94.7756	0.0957
n-Propanol	0.79078	2.153	2.152	177.2040	0.0100

Name FID2B

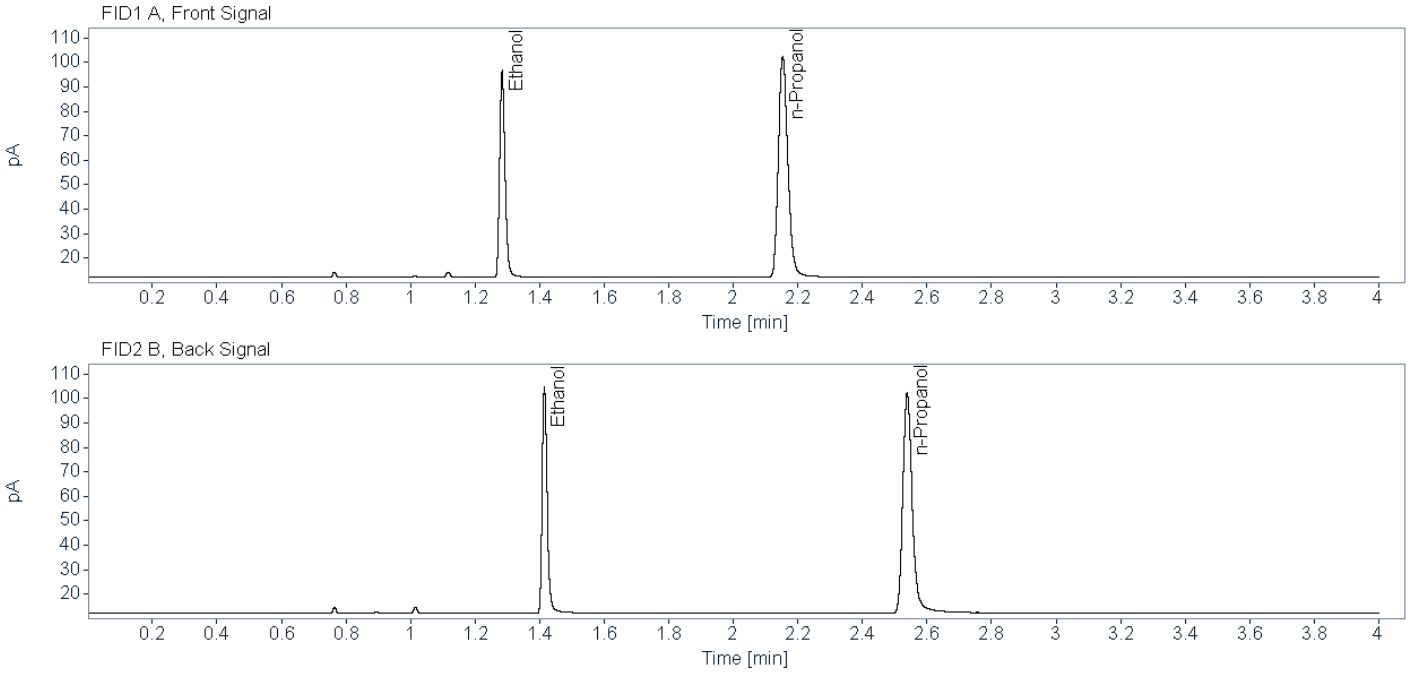
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75758	1.414	1.409	95.5790	0.0961
n-Propanol	0.80927	2.538	2.535	173.9991	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2412 001_001 (25-0049) **Description:** Alq 2 **Sample Barcode** 25-0049 **Vial Number:** 49

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 2:30:27 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\049F4901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77503	1.284	1.281	98.1159	0.0961
n-Propanol	0.79549	2.153	2.152	182.7157	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75924	1.415	1.409	98.8368	0.0970
n-Propanol	0.80556	2.539	2.535	178.2881	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2421 001_001

Batch Name: BAC_20250106_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0879	Aliquot 1:	0.0888
	Aliquot 2:	0.0910	Aliquot 2:	0.0915

KB 1/13/2025

Reported Result: ~~0.089~~ **g/100 mL**

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

Comments:

Blood QC A and B failed to meet acceptance criteria, outside 5% of target, this sample will be repeated
-KB 1/13/2025

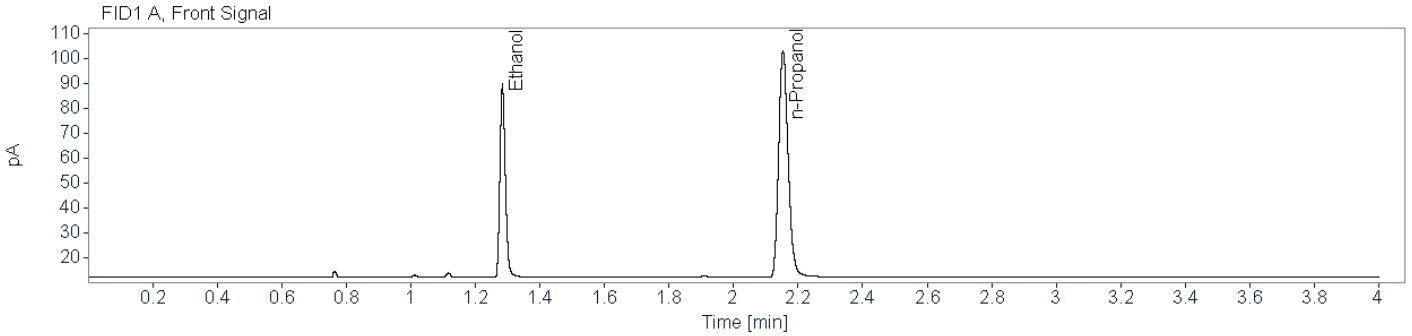
Total Number of Printed Examination Pages: 0

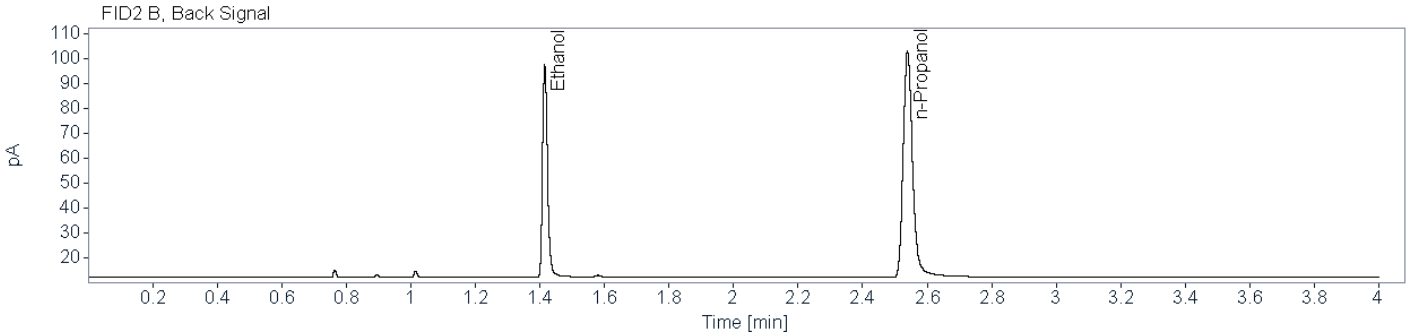
Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2421 001_001 (25-0030) **Description:** Alq 1 **Sample Barcode** 25-0030 **Vial Number:** 30

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 12:51:10 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\030F3001.D





Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78736	1.284	1.281	90.4930	0.0879
n-Propanol	0.80170	2.153	2.152	184.4510	0.0100

Name FID2B

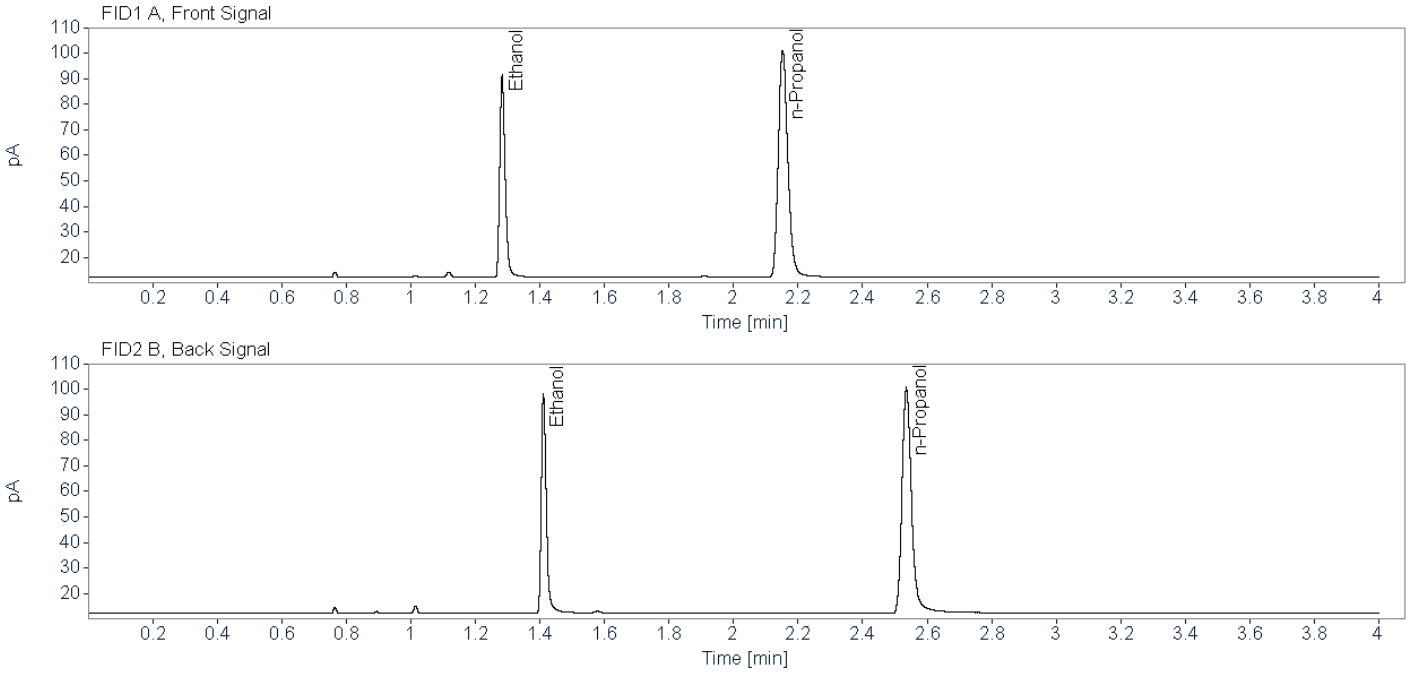
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77052	1.415	1.409	91.4961	0.0888
n-Propanol	0.80110	2.539	2.535	180.4667	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2421 001_001 (25-0048) **Description:** Alq 2 **Sample Barcode** 25-0048 **Vial Number:** 48

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 2:24:46 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\048F4801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74290	1.283	1.281	91.6587	0.0910
n-Propanol	0.78524	2.152	2.152	180.3255	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72337	1.411	1.409	92.3417	0.0915
n-Propanol	0.78845	2.535	2.535	176.7433	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2422 001_001

Batch Name: BAC_20250106_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1977	Aliquot 1:	0.1995
	Aliquot 2:	0.1930	Aliquot 2:	0.1952

KB 1/13/2025

Reported Result: 0.196 **g/100 mL**

Reported UM: 0.032 **g/100 mL**

Comments:

Blood QC A and B failed to meet acceptance criteria, outside 5% of target, this sample will be repeated
-KB 1/13/2025

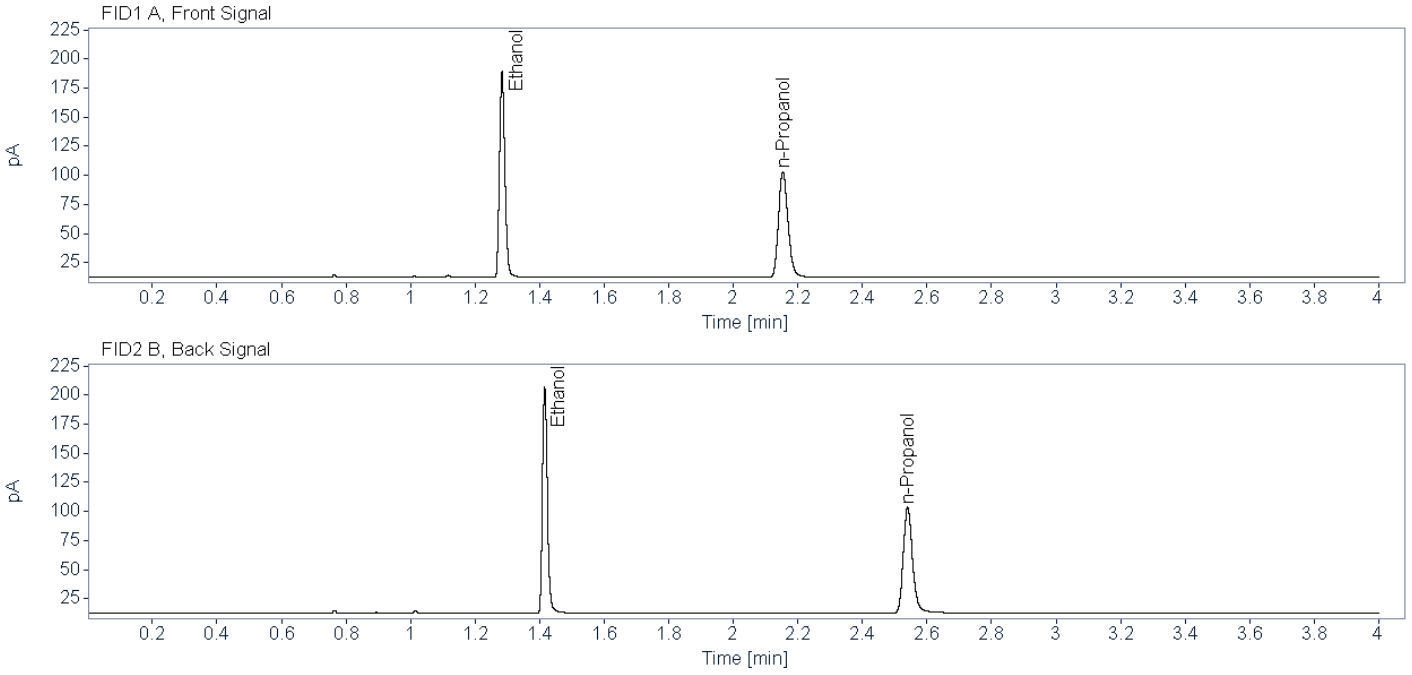
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2422 001_001 (25-0031) **Description:** Alq 1 **Sample Barcode** 25-0031 **Vial Number:** 31

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 12:56:51 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\031F3101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82162	1.284	1.281	205.0180	0.1977
n-Propanol	0.79849	2.154	2.152	184.5347	0.0100

Name FID2B

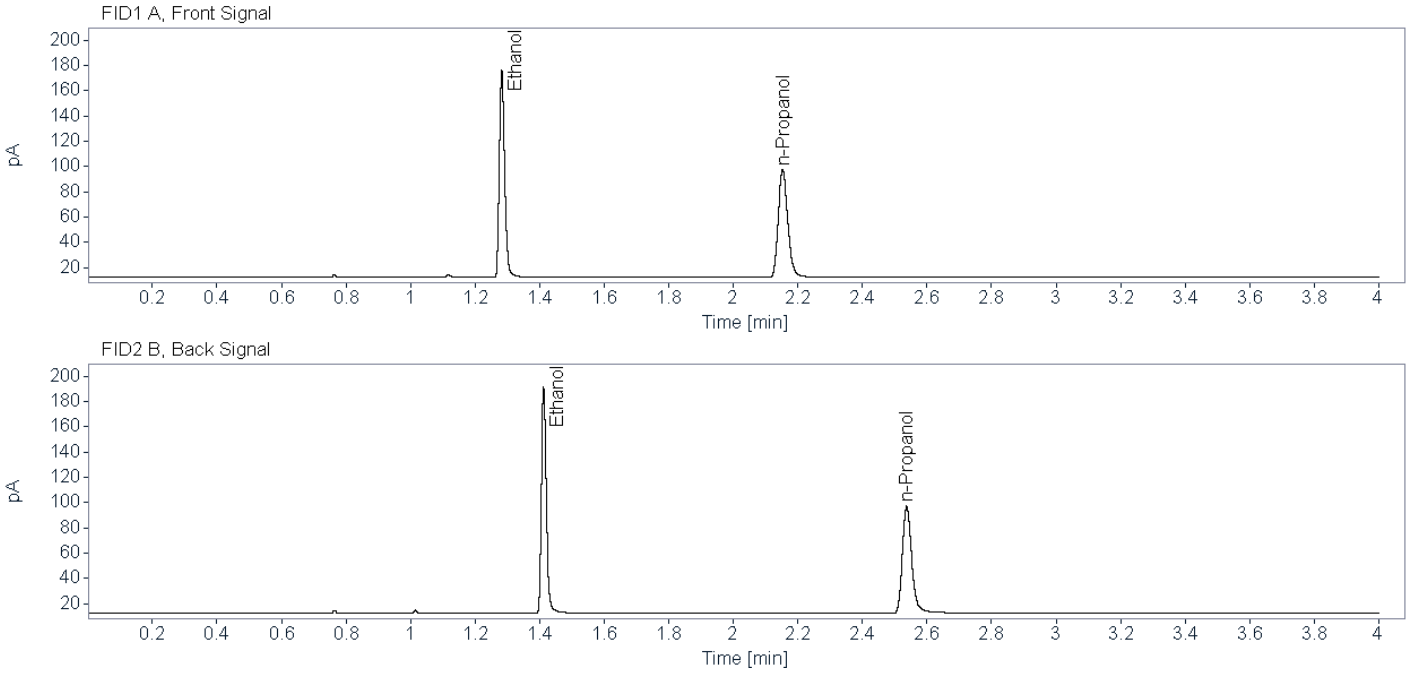
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79815	1.416	1.409	207.3676	0.1995
n-Propanol	0.80368	2.540	2.535	180.5003	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2422 001_001 (25-0047) **Description:** Alq 2 **Sample Barcode** 25-0047 **Vial Number:** 47

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 2:20:03 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\047F4701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77498	1.283	1.281	187.5565	0.1930
n-Propanol	0.78787	2.153	2.152	172.9245	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77519	1.412	1.409	190.3191	0.1952
n-Propanol	0.79359	2.537	2.535	169.3144	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2426 001_001

Batch Name: BAC_20250106_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.3726	Aliquot 1:	0.3772
	Aliquot 2:	0.4032	Aliquot 2:	0.4085

KB 1/13/2025

Reported Result: ~~0.390~~ **g/100 mL**

Reported UM: **0.063** **g/100 mL**

Comments:

Blood QC A and B failed to meet acceptance criteria, outside 5% of target, this sample will be repeated
-KB 1/13/2025

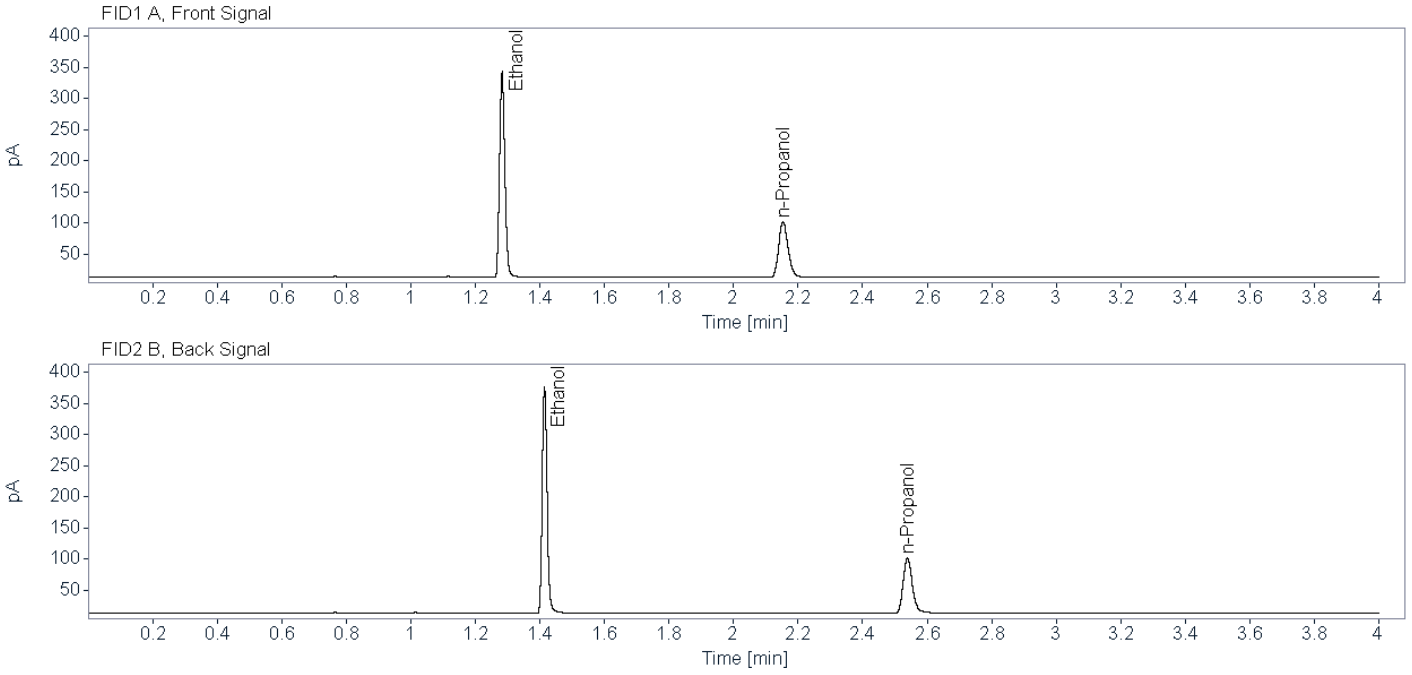
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2426 001_001 (25-0032) **Description:** Alq 1 **Sample Barcode** 25-0032 **Vial Number:** 32

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 1:01:33 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\032F3201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82082	1.283	1.281	378.7603	0.3726
n-Propanol	0.80076	2.153	2.152	180.4712	0.0100

Name FID2B

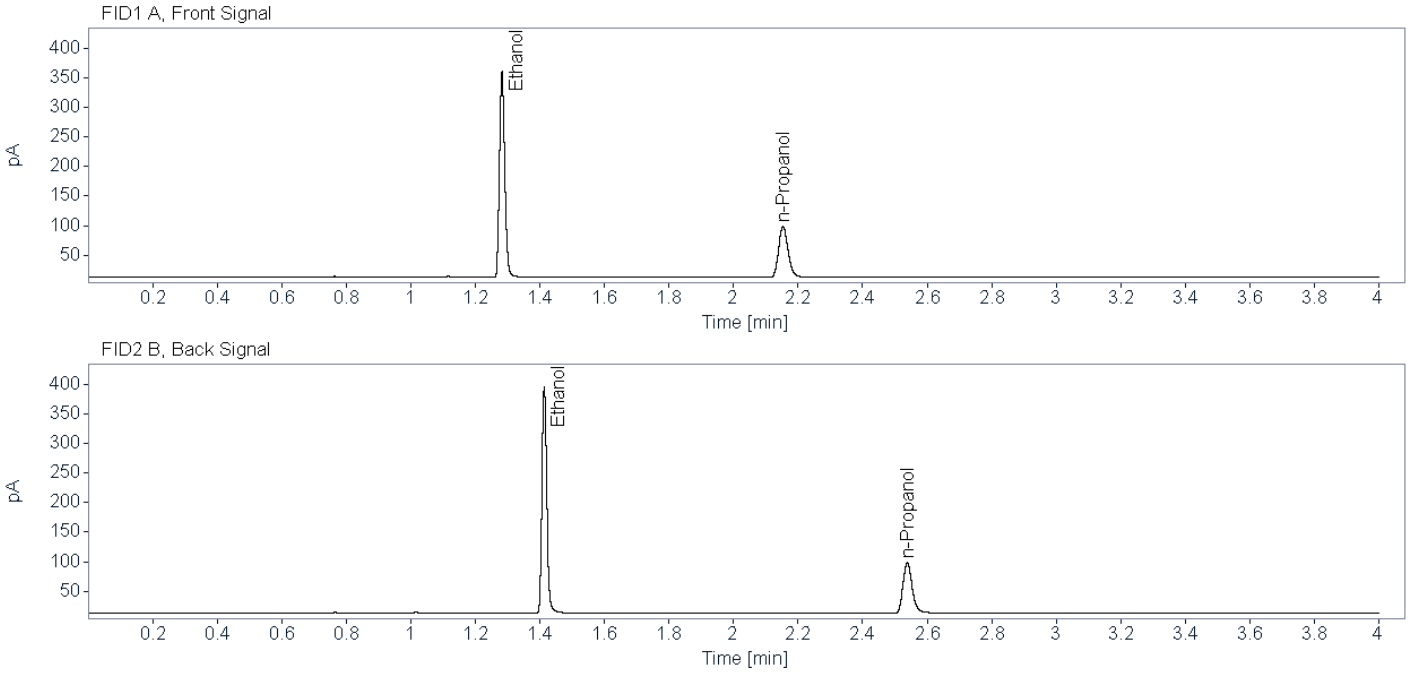
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82702	1.414	1.409	383.6895	0.3772
n-Propanol	0.79948	2.539	2.535	176.0679	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2426 001_001 (25-0046) **Description:** Alq 2 **Sample Barcode** 25-0046 **Vial Number:** 46

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 2:14:22 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\046F4601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81755	1.283	1.281	398.0598	0.4032
n-Propanol	0.79509	2.153	2.152	175.2112	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84243	1.413	1.409	403.5217	0.4085
n-Propanol	0.79976	2.538	2.535	170.9070	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2429 004_001

Batch Name: BAC_20250106_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1969	Aliquot 1:	0.1998
	Aliquot 2:	0.2109	Aliquot 2:	0.2125

KB 1/13/2025

Reported Result: ~~0.205~~ **g/100 mL**

Reported UM: **0.033** **g/100 mL**

Comments:

Blood QC A failed to meet acceptance criteria, outside 5% of target, this sample will be repeated
-KB 1/13/2025

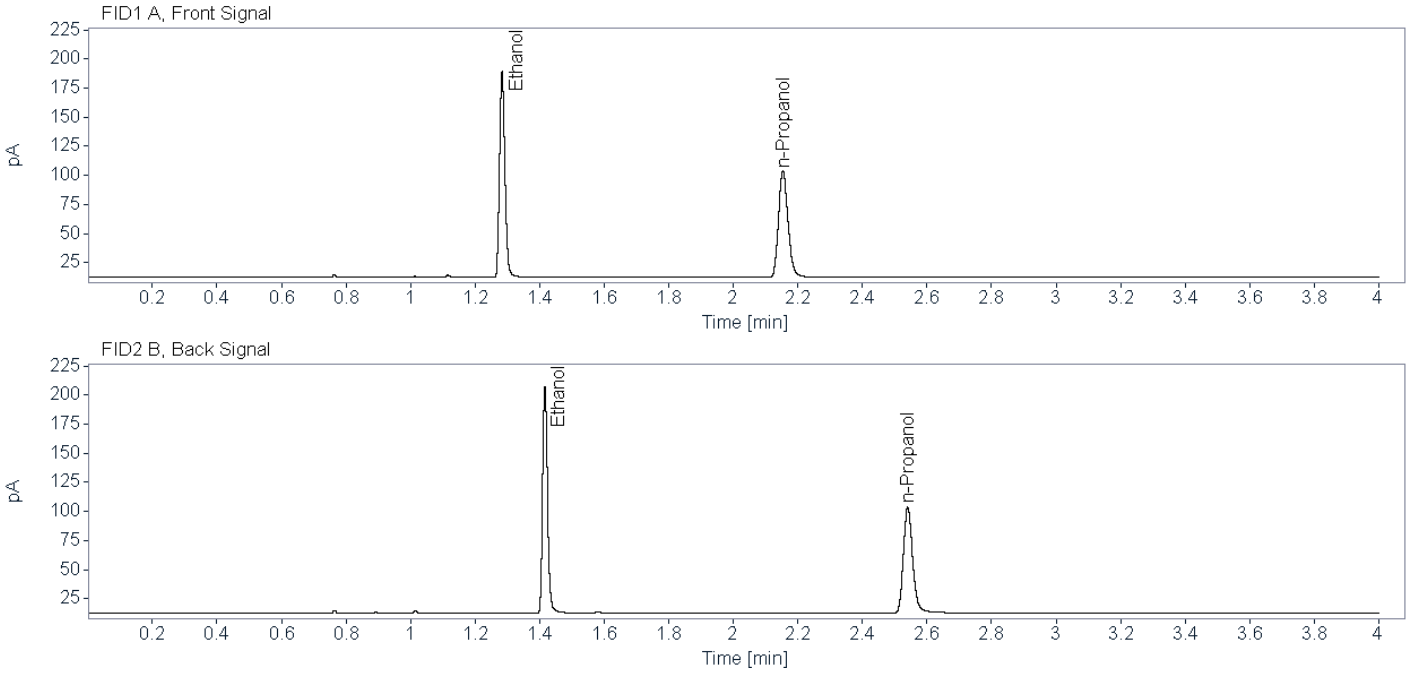
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2429 004_001 (25-0034) **Description:** Alq 1 **Sample Barcode** 25-0034 **Vial Number:** 34

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 1:11:57 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\034F3401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80929	1.284	1.281	205.3513	0.1969
n-Propanol	0.80448	2.154	2.152	185.5672	0.0100

Name FID2B

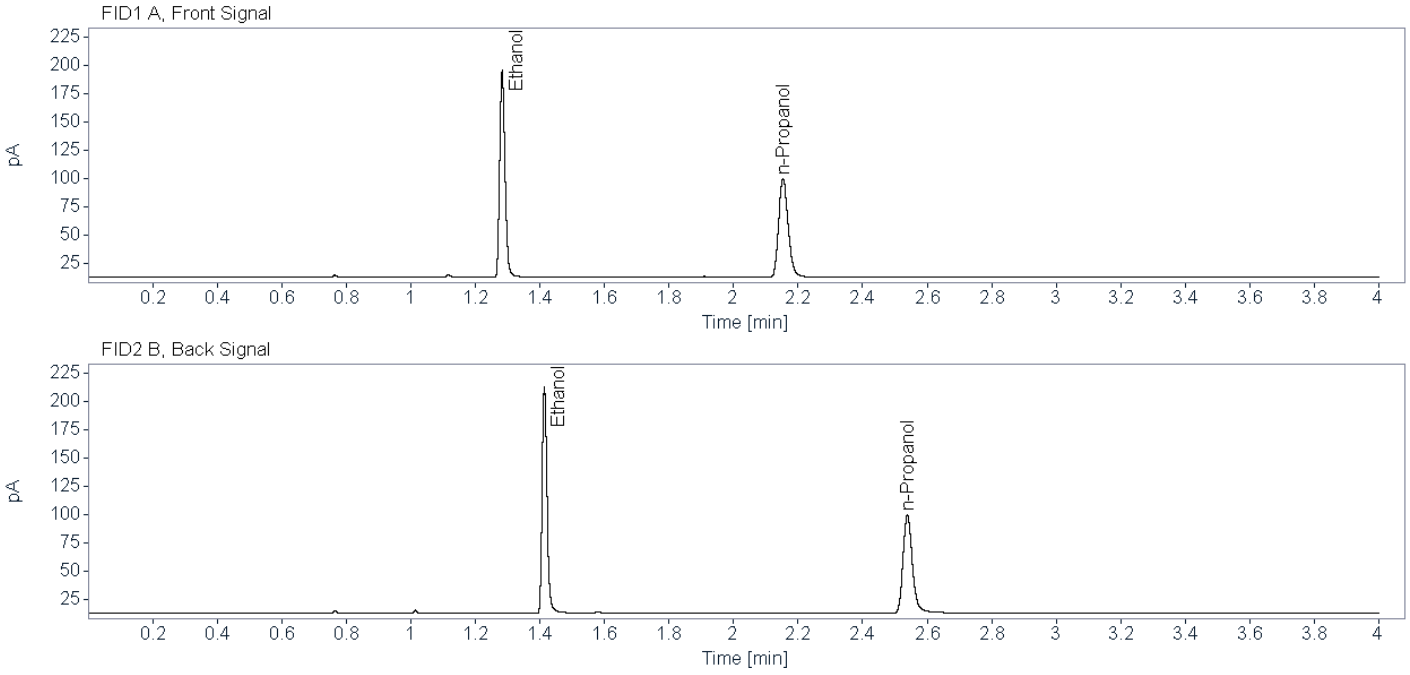
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80749	1.416	1.409	208.3575	0.1998
n-Propanol	0.80665	2.541	2.535	181.0564	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2429 004_001 (25-0044) **Description:** Alq 2 **Sample Barcode** 25-0044 **Vial Number:** 44

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 2:03:58 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\044F4401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79160	1.283	1.281	210.5386	0.2109
n-Propanol	0.79909	2.153	2.152	177.5561	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79987	1.414	1.409	212.7459	0.2125
n-Propanol	0.80729	2.539	2.535	173.7430	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2437 002_001

Batch Name: BAC_20250106_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0237	Aliquot 1:	0.0241
	Aliquot 2:	0.0229	Aliquot 2:	0.0231

KB 1/13/2025

Reported Result: ~~0.023~~ **g/100 mL**

Reported UM: 0.004 **g/100 mL**

Comments:

Blood QC A failed to meet acceptance criteria, outside 5% of target, this sample will be repeated
-KB 1/13/2025

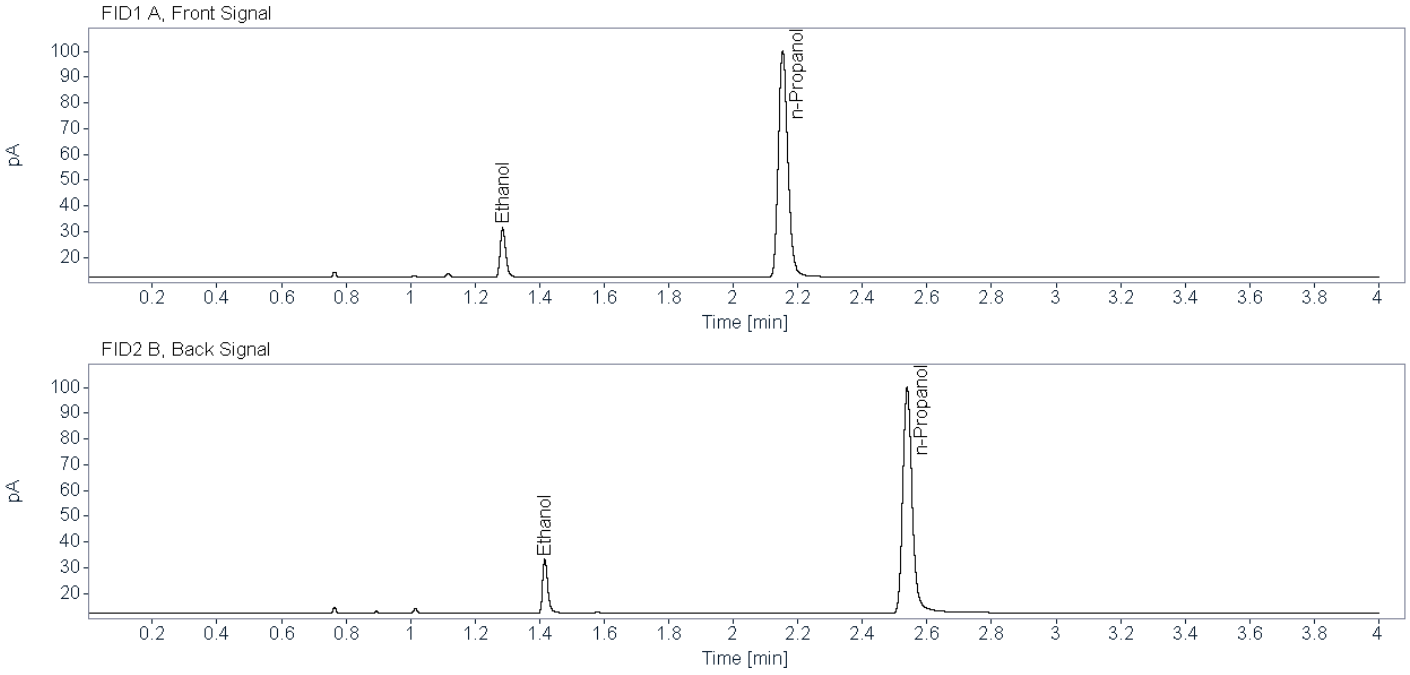
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2437 002_001 (25-0035) **Description:** Alq 1 **Sample Barcode** 25-0035 **Vial Number:** 35

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 1:17:39 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\035F3501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76534	1.286	1.281	22.9401	0.0237
n-Propanol	0.79448	2.153	2.152	178.7169	0.0100

Name FID2B

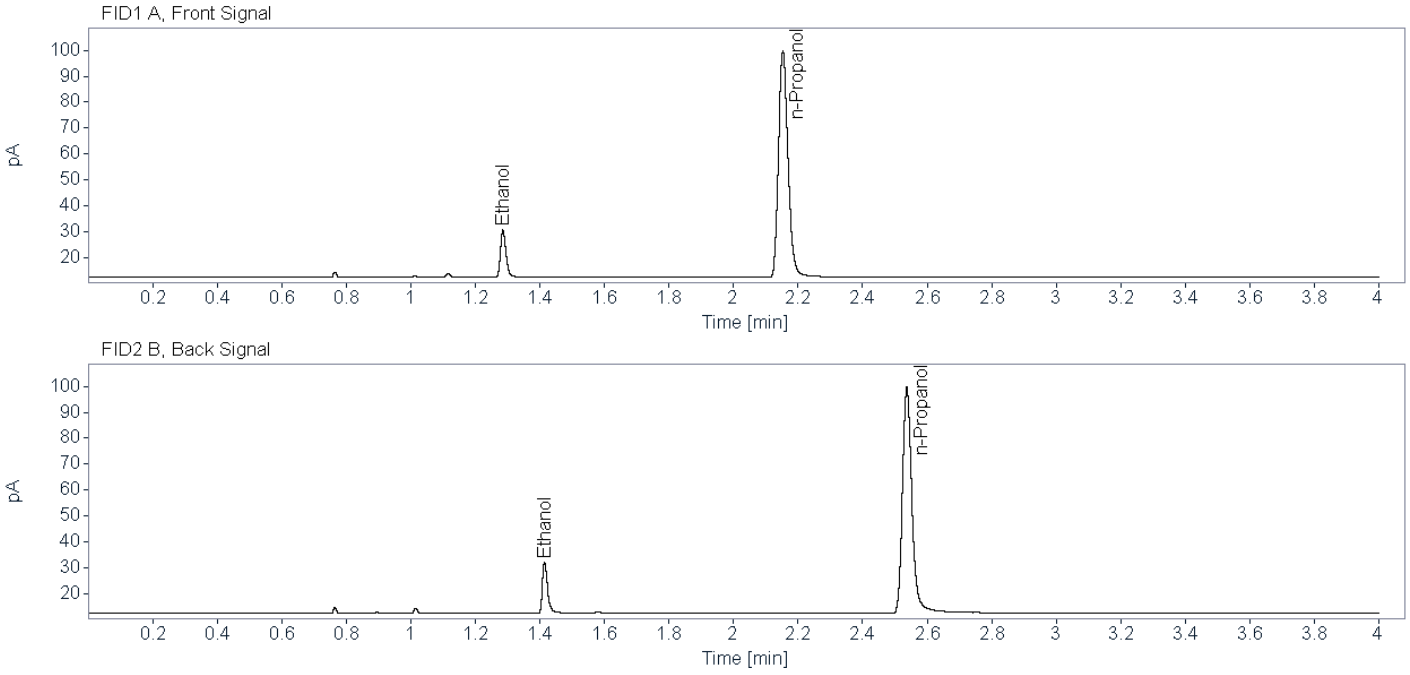
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72751	1.416	1.409	23.1584	0.0241
n-Propanol	0.81789	2.539	2.535	175.9189	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2437 002_001 (25-0043) **Description:** Alq 2 **Sample Barcode** 25-0043 **Vial Number:** 43

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 1:59:15 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\043F4301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73739	1.285	1.281	21.9788	0.0229
n-Propanol	0.78862	2.153	2.152	177.6430	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69573	1.415	1.409	21.9479	0.0231
n-Propanol	0.80059	2.537	2.535	174.0335	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-2438 003_001

Batch Name: BAC_20250106_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1156	Aliquot 1:	0.1157
	Aliquot 2:	0.1100	Aliquot 2:	0.1112

KB 1/13/2025

Reported Result: ~~0.113~~ **0.118 g/100 mL**

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

Comments:

Blood QC A failed to meet acceptance criteria, outside 5% of target, this sample will be repeated
-KB 1/13/2025

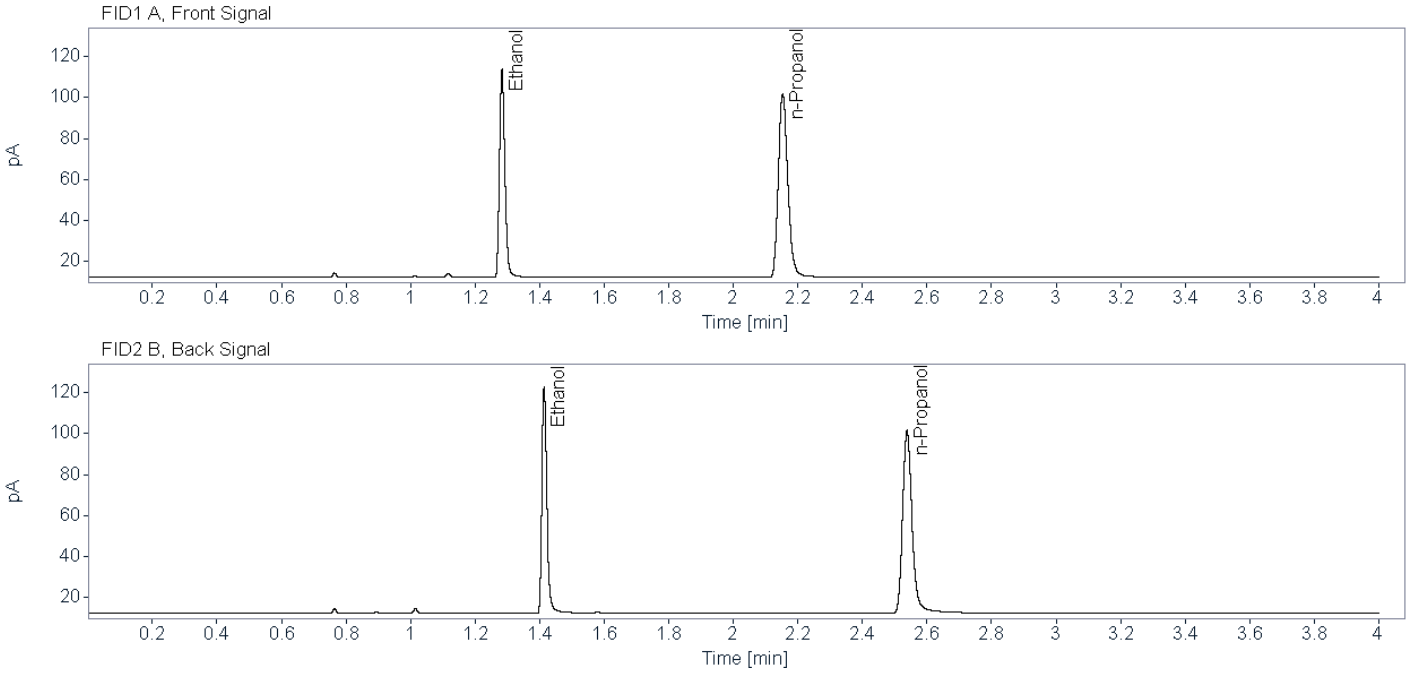
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2438 003_001 (25-0036) **Description:** Alq 1 **Sample Barcode** 25-0036 **Vial Number:** 36

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 1:22:21 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\036F3601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79279	1.283	1.281	117.5428	0.1156
n-Propanol	0.79064	2.153	2.152	181.5415	0.0100

Name FID2B

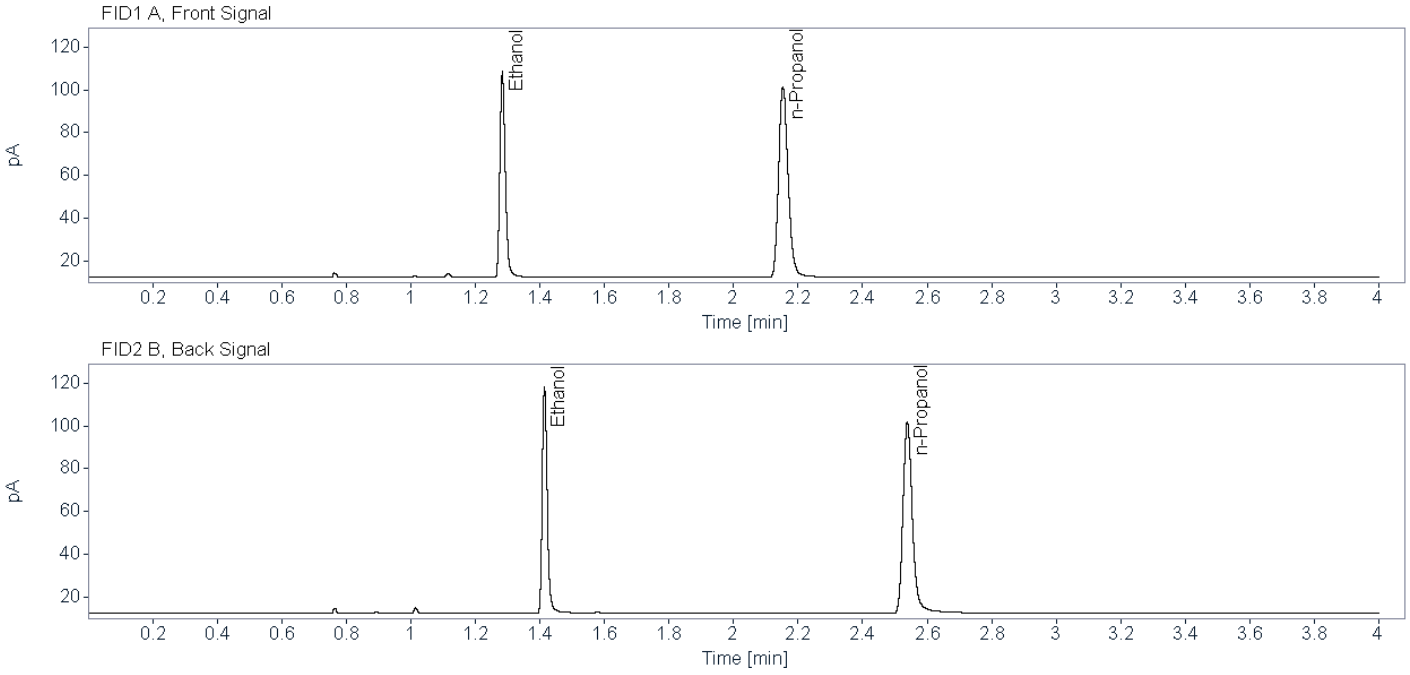
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75531	1.414	1.409	117.9780	0.1157
n-Propanol	0.81274	2.538	2.535	177.8981	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-2438 003_001 (25-0042) **Description:** Alq 2 **Sample Barcode** 25-0042 **Vial Number:** 42

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 1:53:34 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\042F4201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76241	1.284	1.281	111.5169	0.1100
n-Propanol	0.79445	2.153	2.152	181.1994	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76936	1.414	1.409	113.1360	0.1112
n-Propanol	0.80597	2.538	2.535	177.6870	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0001 001_001

Batch Name: BAC_20250106_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1267	Aliquot 1:	0.1268
	Aliquot 2:	0.1352	Aliquot 2:	0.1363

KB 1/13/2025

Reported Result: 0.131 **g/100 mL**

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

Comments:

Blood QC A failed to meet acceptance criteria, outside 5% of target, this sample will be repeated
-KB 1/13/2025

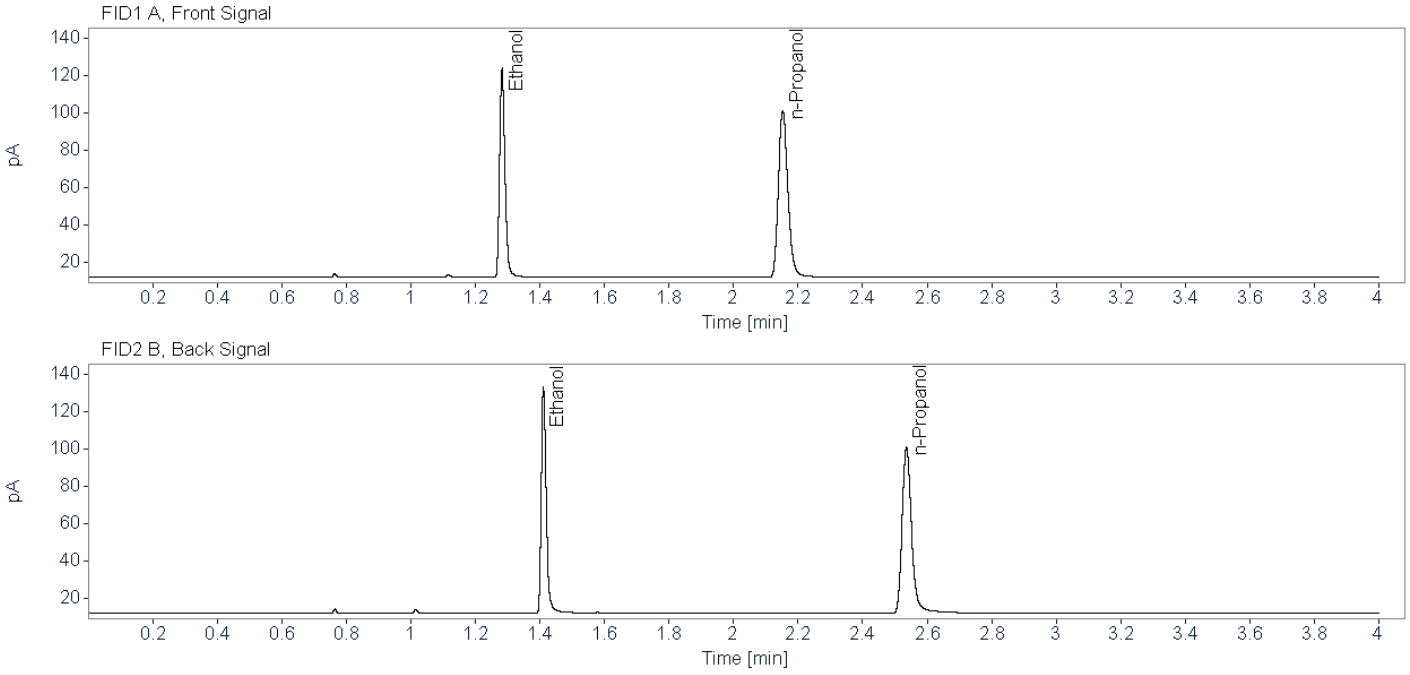
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0001 001_001 (25-0037) **Description:** Alq 1 **Sample Barcode** 25-0037 **Vial Number:** 37

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 1:28:03 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\037F3701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75748	1.283	1.281	128.4707	0.1267
n-Propanol	0.78824	2.152	2.152	180.9660	0.0100

Name FID2B

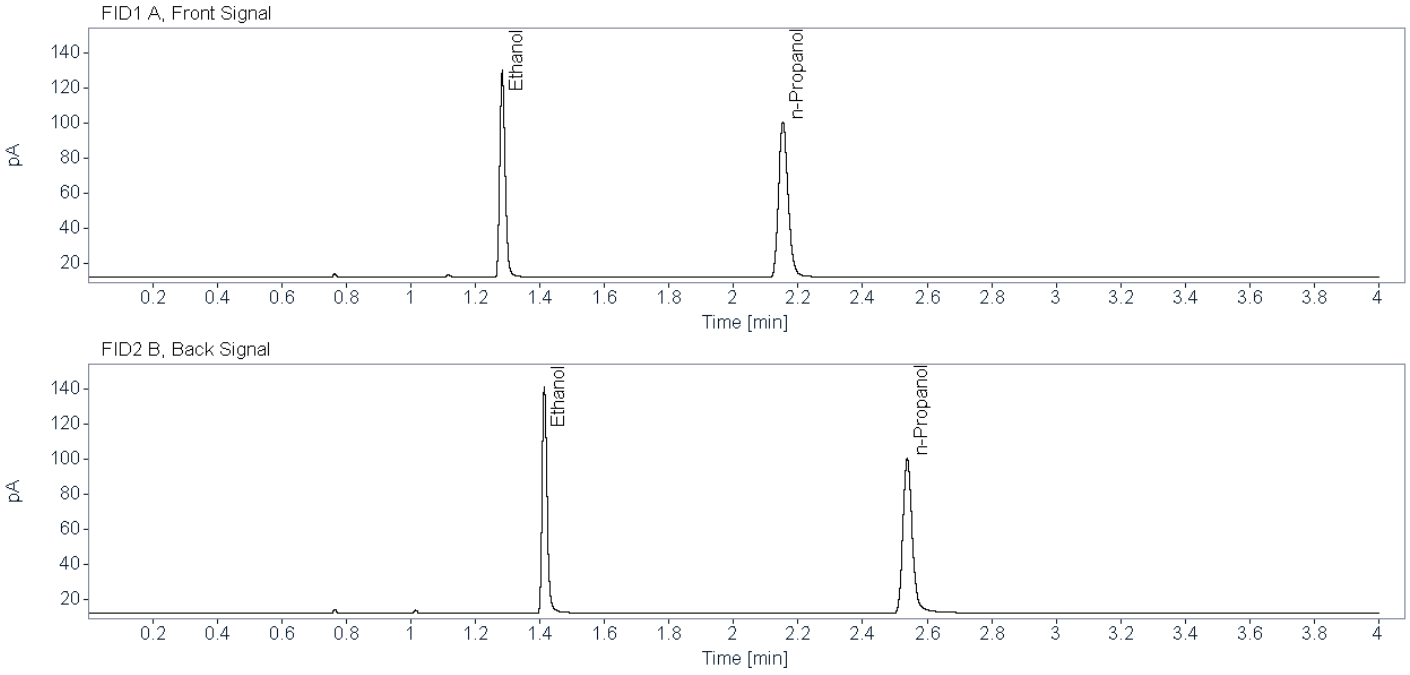
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73416	1.411	1.409	128.7774	0.1268
n-Propanol	0.79409	2.536	2.535	177.0043	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0001 001_001 (25-0041) **Description:** Alq 2 **Sample Barcode** 25-0041 **Vial Number:** 41

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 1:48:50 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\041F4101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76576	1.283	1.281	136.1811	0.1352
n-Propanol	0.79233	2.153	2.152	179.5961	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77962	1.414	1.409	137.2655	0.1363
n-Propanol	0.81024	2.538	2.535	175.4004	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-25-0002 001_001

Batch Name: BAC_20250106_KB

Instrument: BAC-2

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0577	Aliquot 1:	0.0575
	Aliquot 2:	0.0590	Aliquot 2:	0.0592

KB 1/13/2025

Reported Result: ~~0.058~~ **g/100 mL**

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

Comments:

Blood QC A failed to meet acceptance criteria, outside 5% of target, this sample will be repeated
-KB 1/13/2025

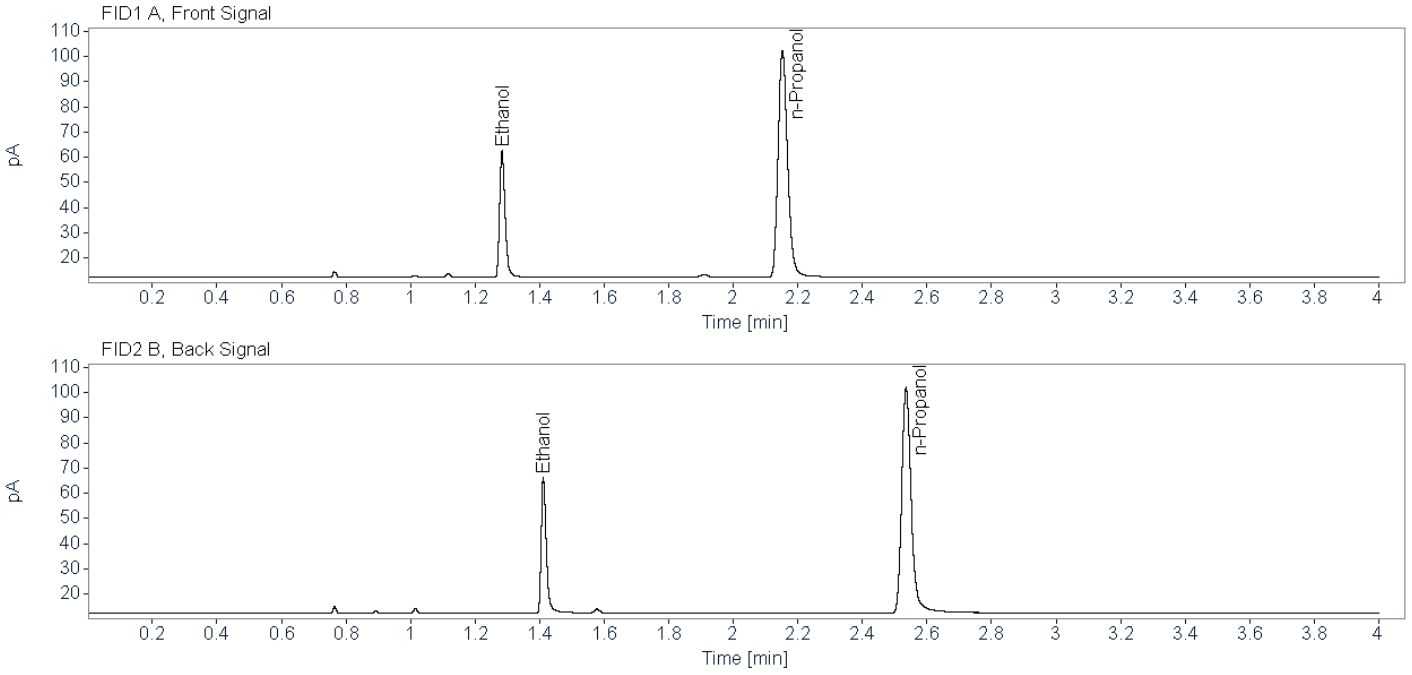
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0002 001_001 (25-0038) **Description:** Alq 1 **Sample Barcode** 25-0038 **Vial Number:** 38

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 1:32:45 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\038F3801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73693	1.284	1.281	58.6698	0.0577
n-Propanol	0.79686	2.152	2.152	183.0726	0.0100

Name FID2B

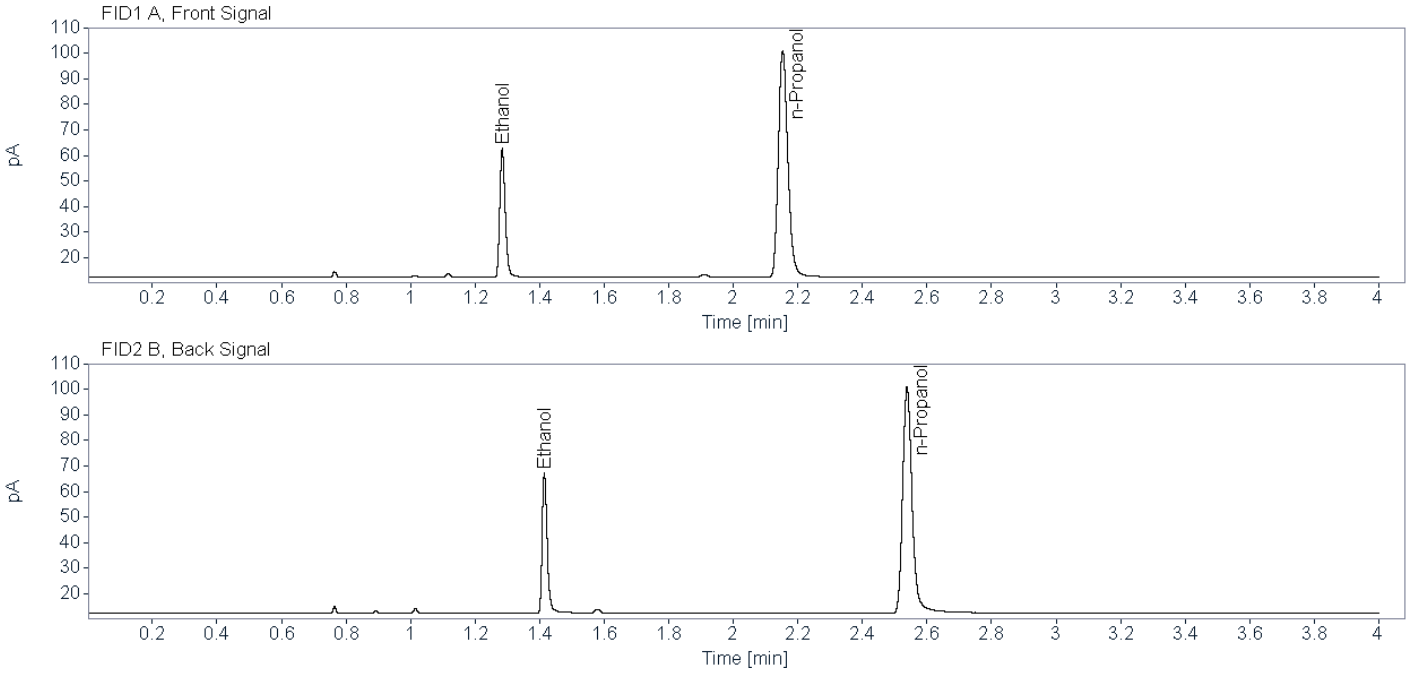
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69717	1.412	1.409	58.3033	0.0575
n-Propanol	0.80348	2.535	2.535	178.9896	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-25-0002 001_001 (25-0040) **Description:** Alq 2 **Sample Barcode** 25-0040 **Vial Number:** 40

Instrument: BAC_2 **Acq. Method:** BAC.M **Injection Date:** 1/6/2025 1:43:10 PM

Data File: C:\Chem32\2\Data\2025\BAC_20250106_KB 2025-01-06 10-10-41\040F4001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76368	1.284	1.281	59.2028	0.0590
n-Propanol	0.79217	2.153	2.152	180.7123	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74557	1.415	1.409	59.2746	0.0592
n-Propanol	0.80918	2.538	2.535	176.8941	0.0100