Brazoria County Crime Laboratory

BAC Batch Review Checklist

Batch Name: BAC_20240829_KB		Analyst Review	Technical Review
BAC Summary	Verify batch name, instrument, analyst, UM%, and QC targets	✓	✓
	Verify Cal 1 obtained values and IS area counts	✓	✓
	Verify IS of all QCs and samples fall within acceptable area count range	✓	✓
BAC Batch Information	IS/calibrators/QCs lot numbers, expiration dates, and inventory numbers listed	✓	✓
	Confirm standards and/or reagents made in-house are verified	✓	✓
	Pipette(s) listed	✓	✓
Sequence(s)	Verify date is consistent with batch date	✓	✓
	Verify method used for all samples is correct, and all pages accounted for	✓	✓
	Reviewer verified, initialed, and dated sequence	✓	✓
Method	Verify correct method is included, and all pages accounted for	✓	✓
Performance Check	Verify air blank and PC are acceptable	✓	✓
Calibration Table & Curve	Verify date is consistent with calibration date, and all pages accounted for	✓	✓
	Verify R^2 values are acceptable for ethanol	✓	✓
Data	Verify calibrator area counts listed in the calibration table for ethanol	✓	✓
	Verify chromatography, retention time, and symmetry values are acceptable for ethanol	✓	✓
	Verify calibrators and QCs are within acceptable range for ethanol	✓	✓
	Verify all cases listed on BAC summary have data	✓	✓
	Verify barcodes match	✓	✓
Ethanol Confirmation Worksheet(s)	Verify aliquot values against data for all case samples	✓	✓
	Verify Reported Result and UM for all case samples	✓	✓
JTrax	Verify Reported Result and Reported UM against BAC Confirmation Worksheet(s) for all case samples	✓	✓
Verify QCs were added to QC log		✓	✓
All comments and/or strikethroughs, if any, initialed		✓	✓
All printed pages initialed		✓	✓
Total number of pages	108	✓	✓

Analyst Review

Signature: Kayla M. Baylor Digitally signed by Kayla M. Baylor Date: 2024.09.16 11:17:42 -05'00'

Date: 9/16/2024

Technical Review

Signature: Melissa Henry Digitally signed by Melissa Henry Date: 2024.09.19 11:39:46 -05'00'

Date: 9/19/2024

Batch Name: BAC_20240829_KB

Technical Review Notes

Comment on BAC Summary worksheet needs updated. -- 9/19/2024 mh

BAC Summary Worksheet

Batch Name:	BAC_20240829_KB
Instrument:	BAC-1
Analyst:	Kayla M. Baylor
UM%:	14.39
Units:	g/100 mL (unless otherwise stated)

		FID1	FID2
Average Calibrator IS Area Counts		191.9996	178.0231
Acceptance Range	**Min**	172.7996	160.2208
	Max	211.1995	195.8254

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	0.0105	0.0104	0.0104	4.00	0.96	0.00	192.1945	178.4251
0.025 g/100mL Calibrator	0.0245	0.0247	0.0246	-1.60	-0.41	0.41	193.4036	178.9872
0.050 g/100mL Calibrator	0.0486	0.0490	0.0488	-2.40	-0.41	0.41	190.9401	176.9615
0.100 g/100mL Calibrator	0.0988	0.0991	0.0989	-1.10	-0.10	0.20	191.2605	176.9917
0.200 g/100mL Calibrator	0.2004	0.2003	0.2003	0.15	0.05	0.00	192.7018	178.8631
0.400 g/100mL Calibrator	0.4004	0.4007	0.4005	0.13	-0.02	0.05	192.7129	178.6066
0.500 g/100mL Calibrator	0.5018	0.5010	0.5014	0.28	0.08	-0.08	190.7837	177.3265

		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	-	-	-	189.6873	176.2342
High QC	0.4023	0.4012	0.4017	0.42	0.15	-0.12	188.2371	175.2351
Low QC	0.0792	0.0796	0.0794	-0.75	-0.25	0.25	195.4411	181.8551
Blood QC A	0.0758	0.0757	0.0757	-3.93	0.13	0.00	186.7739	173.9982
Blood QC B	0.1957	0.1951	0.1954	1.93	0.15	-0.15	186.8026	174.5726
Blood QC A	0.0811	0.0811	0.0811	2.92	0.00	0.00	179.5271	168.0502
Blood QC B	0.1928	0.1928	0.1928	0.57	0.00	0.00	188.8217	176.3545
Blood QC A	0.0774	0.0780	0.0777	-1.40	-0.39	0.39	**167.0936**	**155.5828**
High QC	0.4169	0.4175	0.4172	4.30	-0.07	0.07	176.3992	164.1903
Low QC	0.0811	0.0821	0.0816	2.00	-0.61	0.61	184.4251	171.7170
DI Water	0.0000	0.0000	0.0000	-	-	-	180.2839	167.6759

		Target	Acceptance Range Min	Acceptance Range Max
Controls	**High QC**	0.4000	0.3800	0.4200
	Low QC	0.0800	0.0760	0.0840
	Blood QC A	0.0788	0.0749	0.0827
	Blood QC B	0.1917	0.1821	0.2013

	Lab Number	Ethanol Obtained Value Alq1 FID1	Ethanol Obtained Value Alq1 FID2	Ethanol Obtained Value Alq2 FID1	Ethanol Obtained Value Alq2 FID2	Result	UM	% Difference FID & Average Alq1 FID1	% Difference FID & Average Alq1 FID2	% Difference FID & Average Alq 2 FID1	% Difference FID & Average Alq2 FID2	IS Area Counts Alq1 FID1	IS Area Counts Alq1 FID2	IS Area Counts Alq2 FID1	IS Area Counts Alq2 FID2
1	BCCL-24-1059 001	0.2627	0.2616	0.2613	0.2616	0.261	0.038	0.34	-0.08	-0.19	-0.08	193.3758	180.3355	183.1635	170.6472
2	BCCL-24-1286 001_001	0.2536	0.2521	0.2364	0.2364	0.244	0.035	3.67	3.06	-3.36	-3.36	189.7401	177.3385	186.5422	174.1309
3	BCCL-24-1306 006_001	0.2001	0.1996	0.1907	0.1919	0.195	0.028	2.31	2.06	-2.49	-1.88	192.6470	179.5831	187.4568	174.0555
4	BCCL-24-1307 001_001	0.2462	0.2452	0.2551	0.2551	0.250	0.036	-1.68	-2.08	1.88	1.88	188.8091	176.4893	183.1651	170.9805
5	BCCL-24-1308 001_001	0.1259	0.1256	0.1188	0.1196	0.122	0.018	2.80	2.55	-3.00	-2.35	190.3612	177.8248	188.9345	176.2262
6	BCCL-24-1309 001_001	0.3769	0.3748	0.3911	0.3902	0.383	0.055	-1.66	-2.20	2.05	1.81	190.9240	178.4748	185.0848	172.7556
7	**BCCL-24-1310 001_001**	0.0396	0.0401	0.0389	0.0397	0.039	0.006	0.06	1.33	-1.71	0.32	189.2375	176.8187	180.3798	168.6174
8	BCCL-24-1312 001_001	0.2267	0.2253	0.2289	0.2289	0.227	0.033	-0.33	-0.95	0.64	0.64	184.7216	173.1565	189.5413	177.2402
9	BCCL-24-1313 001_001	0.1857	0.1857	0.1866	0.1870	0.186	0.027	-0.30	-0.30	0.19	0.40	184.2834	172.0016	194.2512	181.1645
10	**BCCL-24-1314 001_001**	0.0896	0.0898	0.0903	0.0907	0.090	0.013	-0.55	-0.33	0.22	0.67	186.3365	174.7120	187.7122	175.7495
11	**BCCL-24-1324 001_001**	0.0336	0.0341	0.0375	0.0379	0.035	0.005	-6.08	-4.68	4.82	5.94	191.0309	178.7641	183.6487	172.0016
12	**BCCL-24-1327 001_001**	0.0308	0.0312	0.0305	0.0312	0.030	0.004	-0.40	0.89	-1.37	0.89	189.3327	177.3082	189.2251	177.0563
13	BCCL-24-1329 001_001	0.1528	0.1522	0.1579	0.1578	0.155	0.022	-1.53	-1.92	1.76	1.69	187.8690	176.1064	178.6462	167.4255
14	BCCL-24-1330 003_001	0.1397	0.1394	0.1429	0.1432	0.141	0.020	-1.13	-1.34	1.13	1.34	192.1247	180.0154	189.9481	177.5415
15	BCCL-24-1331 001_001	0.1410	0.1408	0.1380	0.1381	0.139	0.020	1.09	0.95	-1.06	-0.99	181.4146	169.9893	188.7132	176.6582
16	BCCL-24-1332 007_001	0.1871	0.1864	0.1930	0.1923	0.189	0.027	-1.37	-1.74	1.74	1.37	189.0079	177.1612	186.4760	174.9378
17	**BCCL-24-1333 001_001**	0.0428	0.0433	0.0428	0.0433	0.043	0.006	-0.58	0.58	-0.58	0.58	188.0941	176.0723	187.0997	174.8692
18	BCCL-24-1334 001_001	0.2387	0.2381	0.2552	0.2544	0.246	0.035	-3.20	-3.45	3.49	3.16	189.8490	177.5196	182.7666	171.1252
19	BCCL-24-1341 001_001	0.1118	0.1121	0.1160	0.1163	0.114	0.016	-1.97	-1.71	1.71	1.97	189.3737	177.6302	182.8556	171.3829
20	BCCL-24-1360 001_001	0.1701	0.1700	0.1582	0.1582	0.164	0.024	3.64	3.58	-3.61	-3.61	184.3888	172.7808	191.3906	179.1572

area counts -KB 9/19/2024 10% -KB 9/19/2024

Last blood QC A IS ~~ratios~~ for FID 1 and 2 are outside ~~20%~~, the SOP states this criteria is for case samples, the QC is a known value and meets acceptance criteria, therefore this batch is deemed acceptable -KB 9/16/2024

Kayla M. Baylor Digitally signed by Kayla M. Baylor
Date: 2024.09.16 11:16:03 -05'00'

Brazoria County Crime Lab

BAC Batch Information

Batch Name: BAC-20240829-KB **Analyst:** Kayla M. Baylor **Instrument:** BAC-1

	Lot:	Expiration:	Inventory Number:
Cal 1	FN12272201	2/29/2028	S-23-5008K
Cal 2	FN03122112	3/31/2026	S-23-5009A
Cal 3	FN03172301	3/31/2028	S-23-5010D
Cal 4	FN03072301	3/31/2028	S-23-5011D
Cal 5	FN03132302	3/31/2028	S-23-5012C
Cal 6	FN03052102	3/31/2026	S-23-5013B
Cal 7	FN06262004	7/31/2025	S-23-5014E
High QC	30012020-A	1/31/2025	S-23-5015E
Low QC	517757	6/21/2025	S-24-5001E
Blood QC A	2401241	2/28/2028	S-24-5002C
Blood QC B	2302120	5/31/2027	S-24-5003C
Internal Standard	N/A	9/13/2024	R-24-5001
Pipette(s)	5053, 2054		

Comments:

KB

BAC_20240829_KB

BCCL ANALYTICAL WORKLIST

ANALYST: Kayla Baylor

Worklist ID: C6V0S5E4JKQV7V

Case #	Evid #	Evid Type	Service
BCCL-24-1059	001	Blood	Alcohol
BCCL-24-1286	001_001	Blood	Alcohol
BCCL-24-1306	006_001	Blood	Alcohol
BCCL-24-1307	001_001	Blood	Alcohol
BCCL-24-1308	001_001	Blood	Alcohol
BCCL-24-1309	001_001	Blood	Alcohol
BCCL-24-1310	001_001	Blood	Alcohol
BCCL-24-1312	001_001	Blood	Alcohol
BCCL-24-1313	001_001	Blood	Alcohol
BCCL-24-1314	001_001	Blood	Alcohol
BCCL-24-1324	001_001	Blood	Alcohol
BCCL-24-1327	001_001	Blood	Alcohol
BCCL-24-1329	001_001	Blood	Alcohol

KB

BAC- 20240829-KB

Case #	Evid #	Evid Type	Service
BCCL-24-1330	003_001	Blood	Alcohol
BCCL-24-1331	001_001	Blood	Alcohol
BCCL-24-1332	007_001	Blood	Alcohol
BCCL-24-1333	001_001	Blood	Alcohol
BCCL-24-1334	001_001	Blood	Alcohol
BCCL-24-1341	001_001	Blood	Alcohol
BCCL-24-1360	001_001	Blood	Alcohol

KB

SEQUENCE PARAMETERS

Sequence : C:\CHEM32\1\SEQUENCE\2024\BAC_20240829_KB.S
Operator : Kayla M. Baylor
Data File Naming : Auto
Data Directory : C:\Chem32\1\Data\
Data Subdirectory : 2024
Barcode Reader : used in Sequence
Barcode option : On barcode mismatch inject anyway
Shutdown Cmd/Macro : LOADMETHOD "C:\Chem32\1\methods\","shutdown.M"
Sequence Comment :
Part of Methods to run: According to Runtime Checklist
Update Master Method (Data Analysis parameters): No

sequence verified
8/29/2024 mh

SEQUENCE TABLE:

Line : 1
Location : 1
Sample Information :
Sample Name : 0.010 g/100mL Cal (24-1781)
Method Name : BAC
Sample Type : Calibration
Calibration Level : 1

Line : 2
Location : 2
Sample Information :
Sample Name : 0.025 g/100mL Cal (24-1782)
Method Name : BAC
Sample Type : Calibration
Calibration Level : 2

Line : 3
Location : 3
Sample Information :
Sample Name : 0.050 g/100mL Cal (24-1783)
Method Name : BAC
Sample Type : Calibration
Calibration Level : 3

Line : 4
Location : 4
Sample Information :
Sample Name : 0.100 g/100mL Cal (24-1784)
Method Name : BAC
Sample Type : Calibration

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Calibration Level : 4

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Line : 5
Location : 5
Sample Information :
Sample Name : 0.200 g/100mL Cal (24-1785)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 5

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Line : 6
Location : 6
Sample Information :
Sample Name : 0.400 g/100mL Cal (24-1786)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 6

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Line : 7
Location : 7
Sample Information :
Sample Name : 0.500 g/100mL Cal (24-1787)
Method Name : BAC
Sample Type : Calibration

Calibration Level : 7

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Line : 8
Location : 8
Sample Information :
Sample Name : Negative (24-1788)
Method Name : BAC
Sample Type : Sample

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Line : 9
Location : 9
Sample Information :
Sample Name : High QC (24-1789)
Method Name : BAC
Sample Type : Sample

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Line : 10
Location : 10
Sample Information :

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Sample Name : Low QC (24-1790)
Method Name : BAC
Sample Type : Sample

Line : 11
Location : 11
Sample Information :
Sample Name : Blood QC A (24-1791)
Method Name : BAC
Sample Type : Sample

Line : 12
Location : 12
Sample Information : Alq 1
Sample Name : BCCL-24-1059 001 (24-1792)
Method Name : BAC
Sample Type : Sample

Line : 13
Location : 13
Sample Information : Alq 1
Sample Name : BCCL-24-1286 001_001 (24-1793)
Method Name : BAC
Sample Type : Sample

Line : 14
Location : 14
Sample Information : Alq 1
Sample Name : BCCL-24-1306 006_001 (24-1794)
Method Name : BAC
Sample Type : Sample

Line : 15
Location : 15
Sample Information : Alq 1
Sample Name : BCCL-24-1307 001_001 (24-1795)
Method Name : BAC
Sample Type : Sample

Line : 16
Location : 16
Sample Information : Alq 1

Sample Name : BCCL-24-1308 001_001 (24-1796)
Method Name : BAC
Sample Type : Sample

Line : 17
Location : 17
Sample Information : Alq 1
Sample Name : BCCL-24-1309 001_001 (24-1797)
Method Name : BAC
Sample Type : Sample

Line : 18
Location : 18
Sample Information : Alq 1
Sample Name : BCCL-24-1310 001_001 (24-1798)
Method Name : BAC
Sample Type : Sample

Line : 19
Location : 19
Sample Information : Alq 1
Sample Name : BCCL-24-1312 001_001 (24-1799)
Method Name : BAC
Sample Type : Sample

Line : 20
Location : 20
Sample Information : Alq 1
Sample Name : BCCL-24-1313 001_001 (24-1800)
Method Name : BAC
Sample Type : Sample

Line : 21
Location : 21
Sample Information : Alq 1
Sample Name : BCCL-24-1314 001_001 (24-1801)
Method Name : BAC
Sample Type : Sample

Line : 22
Location : 22
Sample Information :

Sample Name : Blood QC B (24-1802)
Method Name : BAC
Sample Type : Sample

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Line : 23
Location : 23
Sample Information : Alq 1
Sample Name : BCCL-24-1324 001_001 (24-1803)
Method Name : BAC
Sample Type : Sample

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Line : 24
Location : 24
Sample Information : Alq 1
Sample Name : BCCL-24-1327 001_001 (24-1804)
Method Name : BAC
Sample Type : Sample

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Line : 25
Location : 25
Sample Information : Alq 1
Sample Name : BCCL-24-1329 001_001 (24-1805)
Method Name : BAC
Sample Type : Sample

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Line : 26
Location : 26
Sample Information : Alq 1
Sample Name : BCCL-24-1330 003_001 (24-1806)
Method Name : BAC
Sample Type : Sample

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Line : 27
Location : 27
Sample Information : Alq 1
Sample Name : BCCL-24-1331 001_001 (24-1807)
Method Name : BAC
Sample Type : Sample

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Line : 28
Location : 28
Sample Information : Alq 1

KB

Sample Name : BCCL-24-1332 007_001 (24-1808)
Method Name : BAC
Sample Type : Sample

Line : 29
Location : 29
Sample Information : Alq 1
Sample Name : BCCL-24-1333 001_001 (24-1809)
Method Name : BAC
Sample Type : Sample

Line : 30
Location : 30
Sample Information : Alq 1
Sample Name : BCCL-24-1334 001_001 (24-1810)
Method Name : BAC
Sample Type : Sample

Line : 31
Location : 31
Sample Information : Alq 1
Sample Name : BCCL-24-1341 001_001 (24-1811)
Method Name : BAC
Sample Type : Sample

Line : 32
Location : 32
Sample Information : Alq 1
Sample Name : BCCL-24-1360 001_001 (24-1812)
Method Name : BAC
Sample Type : Sample

Line : 33
Location : 33
Sample Information :
Sample Name : Blood QC A (24-1813)
Method Name : BAC
Sample Type : Sample

Line : 34
Location : 34
Sample Information : Alq 1 2 - KB 9/6/2024

KB

Sample Name : BCCL-24-1360 001_001 (24-1814)
Method Name : BAC
Sample Type : Sample

Line : 35
Location : 35
Sample Information : Alq ± 2 -KB 9/6/2024
Sample Name : BCCL-24-1341 001_001 (24-1815)
Method Name : BAC
Sample Type : Sample

Line : 36
Location : 36
Sample Information : Alq ± 2 -KB 9/6/2024
Sample Name : BCCL-24-1334 001_001 (24-1816)
Method Name : BAC
Sample Type : Sample

Line : 37
Location : 37
Sample Information : Alq ± 2 -KB 9/6/2024
Sample Name : BCCL-24-1333 001_001 (24-1817)
Method Name : BAC
Sample Type : Sample

Line : 38
Location : 38
Sample Information : Alq ± 2 -KB 9/6/2024
Sample Name : BCCL-24-1332 007_001 (24-1818)
Method Name : BAC
Sample Type : Sample

Line : 39
Location : 39
Sample Information : Alq ± 2 -KB 9/6/2024
Sample Name : BCCL-24-1331 001_001 (24-1819)
Method Name : BAC
Sample Type : Sample

Line : 40
Location : 40
Sample Information : Alq ± 2 - 9/6/2024

KB

Sample Name : BCCL-24-1330 003_001 (24-1820)
Method Name : BAC
Sample Type : Sample

Line : 41
Location : 41
Sample Information : Alq 1 2 -KB 9/6/2024
Sample Name : BCCL-24-1329 001_001 (24-1821)
Method Name : BAC
Sample Type : Sample

Line : 42
Location : 42
Sample Information : Alq 1 2 - KB 9/6/2024
Sample Name : BCCL-24-1327 001_001 (24-1822)
Method Name : BAC
Sample Type : Sample

Line : 43
Location : 43
Sample Information : Alq 1 2 -KB 9/6/2024
Sample Name : BCCL-24-1324 001_001 (24-1823)
Method Name : BAC
Sample Type : Sample

Line : 44
Location : 44
Sample Information :
Sample Name : Blood QC B (24-1824)
Method Name : BAC
Sample Type : Sample

Line : 45
Location : 45
Sample Information : Alq 2
Sample Name : BCCL-24-1314 001_001 (24-1825)
Method Name : BAC
Sample Type : Sample

Line : 46
Location : 46
Sample Information : Alq 2

KB

Sample Name : BCCL-24-1313 001_001 (24-1826)
Method Name : BAC
Sample Type : Sample

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Line : 47
Location : 47
Sample Information : Alq 2
Sample Name : BCCL-24-1312 001_001 (24-1827)
Method Name : BAC
Sample Type : Sample

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Line : 48
Location : 48
Sample Information : Alq 2
Sample Name : BCCL-24-1310 001_001 (24-1828)
Method Name : BAC
Sample Type : Sample

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Line : 49
Location : 49
Sample Information : Alq 2
Sample Name : BCCL-24-1309 001_001 (24-1829)
Method Name : BAC
Sample Type : Sample

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Line : 50
Location : 50
Sample Information : Alq 2
Sample Name : BCCL-24-1308 001_001 (24-1830)
Method Name : BAC
Sample Type : Sample

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Line : 51
Location : 51
Sample Information : Alq 2
Sample Name : BCCL-24-1307 001_001 (24-1831)
Method Name : BAC
Sample Type : Sample

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Line : 52
Location : 52
Sample Information : Alq 2

KB

Sample Name : BCCL-24-1306 006_001 (24-1832)
Method Name : BAC
Sample Type : Sample

Line : 53
Location : 53
Sample Information : Alq 2
Sample Name : BCCL-24-1286 001_001 (24-1833)
Method Name : BAC
Sample Type : Sample

Line : 54
Location : 54
Sample Information : Alq 2
Sample Name : BCCL-24-1059 001 (24-1834)
Method Name : BAC
Sample Type : Sample

Line : 55
Location : 55
Sample Information :
Sample Name : Blood QC A (24-1835)
Method Name : BAC
Sample Type : Sample

Line : 56
Location : 56
Sample Information :
Sample Name : High QC (24-1836)
Method Name : BAC
Sample Type : Sample

Line : 57
Location : 57
Sample Information :
Sample Name : Low (24-1837)
Method Name : BAC
Sample Type : Sample

Line : 58
Location : 58
Sample Information :

KB

Sequence: C:\CHEM32\1\SEQUENCE\2024\BAC_20240829_KB.S

Sample Name : DI Water (24-1838)
Method Name : BAC
Sample Type : Sample

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Method Information

Method: C:\Chem32\1\Methods\BAC.M
Modified: 8/29/2024 at 9:43:58 AM

method updated after PC was run but prior to running cases, ethanol and n-propanol RTs updated -KB 9/6/2024

Run Time Checklist

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

Injection Source and Location

Injection Source: HS 10.11.30.56

Injection Location: GC Front

method: C:\Chem32\1\Methods\BAC.M
Modified on: 8/29/2024 at 9:43:58 AM

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Agilent 7697A

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Agilent 7697A
Instrument Info

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

Instrument Settings

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

System Configuration

Carrier Control:	GC Instrument

Resource Conservation

Vial Standby Flow (mL/min):	20

Temperature Settings:

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

Timing Settings:

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

Vial and Loop Settings:

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

Carrier Settings:

Carrier Control Mode:	GC controls Carrier

Advanced Settings:

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

method: C:\Chem32\1\Methods\BAC.M
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Agilent 7890A

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GC

GC Summary

Run Time	4 min
Post Run Time	0 min

Oven

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

Front SS Inlet He

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

Column

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

Column #2

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

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

Front Detector FID

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

Back Detector FID

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

Aux EPC 1,2,3
Aux EPC 1 He

Excluded from Affecting GC's Readiness State

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

Aux EPC 2 He

Excluded from Affecting GC's Readiness State

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

Aux EPC 3 He

Excluded from Affecting GC's Readiness State

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

method: C:\Chem32\1\Methods\BAC.M
Modified on: 8/29/2024 at 9:43:58 AM

Signals

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

The Data Analysis Parameters of the used Method are :

Integration Events

Non signal specific Integration Events

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

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Default Integration Event Table "Event"

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

Detector Default Integration Event Table "Event_ADC"

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

Detector Default Integration Event Table "Event_TCD"

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

Detector Default Integration Event Table "Event_ECD"

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

method: C:\Chem32\1\Methods\BAC.M
Modified on: 8/29/2024 at 9:43:58 AM

Detector Default Integration Event Table "Event_NPD"

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

Detector Default Integration Event Table "Event_FPD"

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

Detector Default Integration Event Table "Event_uECD"

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

Detector Default Integration Event Table "Event_FID"

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

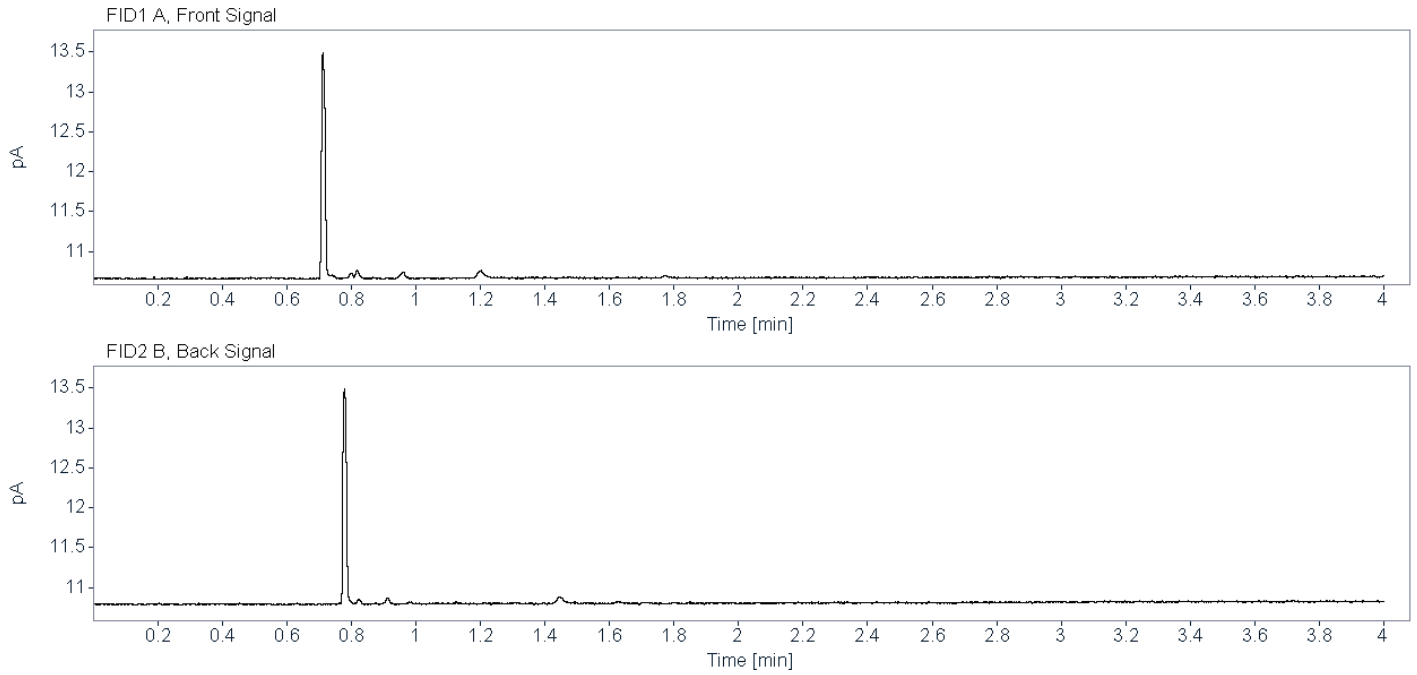
Apply Method's Manual Integration Events: No

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

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

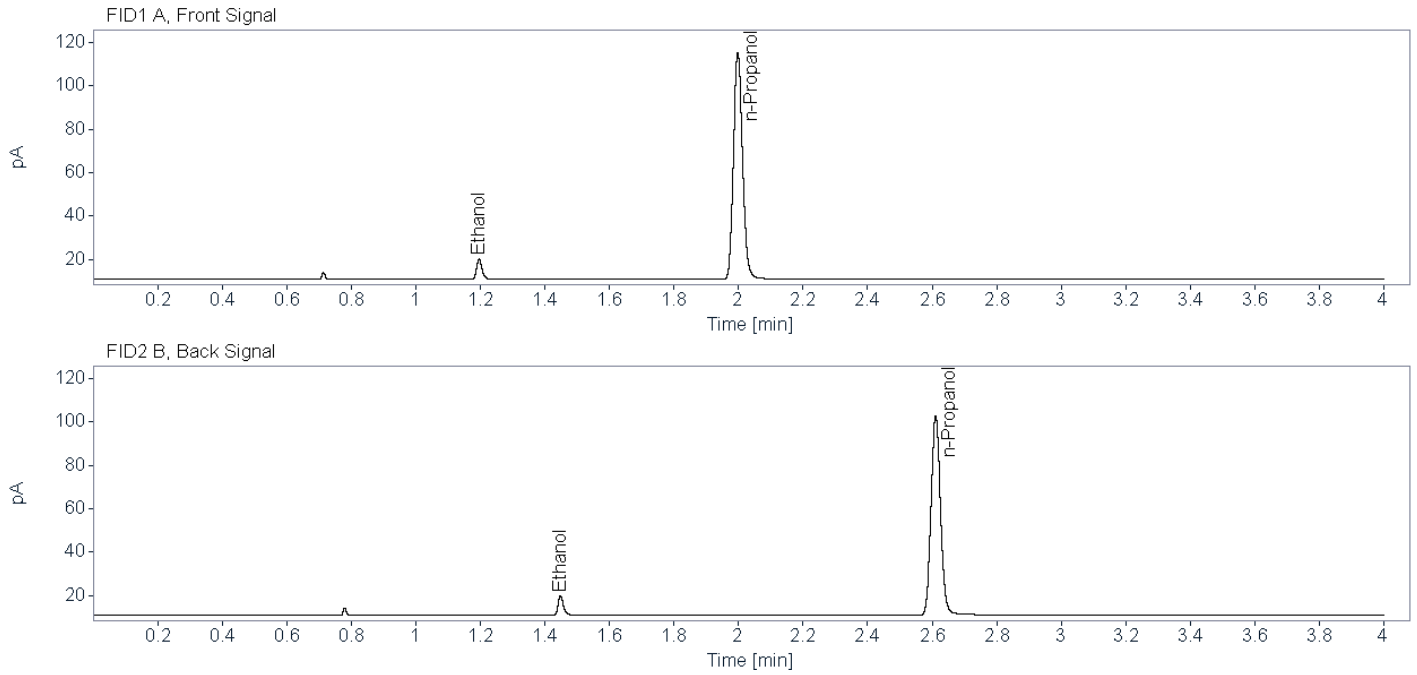
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 7:35:26 AM

Data File: C:\Chem32\1\Data\2024\BAC_20240829PC_KB 2024-08-29 07-25-29\001F0101.D



Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: PC **Description:** **Sample Barcode** **Vial Number:** 2
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 7:40:10 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240829PC_KB 2024-08-29 07-25-29\002F0201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75817	1.196	1.196	10.8691	0.0109
n-Propanol	0.86080	1.998	1.998	203.4079	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76903	1.449	1.454	10.2356	0.0110
n-Propanol	0.91132	2.611	2.621	186.2114	0.0100

Calibration Table

General Calibration Setting

Calib. Data Modified : 8/30/2024 9:09:39 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
1.192	1	1	1.00000e-2	10.12708	9.87451e-4	No	No	1	Ethanol
		2	2.50000e-2	25.95342	9.63264e-4				
		3	5.00000e-2	52.35582	9.55004e-4				
		4	1.00000e-1	108.14467	9.24687e-4				
		5	2.00000e-1	222.61975	8.98393e-4				
		6	4.00000e-1	446.48877	8.95879e-4				
		7	5.00000e-1	554.35144	9.01955e-4				
1.446	2	1	1.00000e-2	9.52586	1.04977e-3	No	No	2	Ethanol
		2	2.50000e-2	24.51464	1.01980e-3				
		3	5.00000e-2	49.34165	1.01334e-3				
		4	1.00000e-1	101.19200	9.88220e-4				
		5	2.00000e-1	207.98421	9.61611e-4				
		6	4.00000e-1	416.83139	9.59621e-4				
		7	5.00000e-1	517.78442	9.65653e-4				
1.998	1	1	1.00000e-2	192.19453	5.20306e-5	No	Yes	1	n-Propanol
		2	1.00000e-2	193.40358	5.17054e-5				
		3	1.00000e-2	190.94006	5.23725e-5				
		4	1.00000e-2	191.26048	5.22847e-5				
		5	1.00000e-2	192.70175	5.18937e-5				
		6	1.00000e-2	192.71289	5.18907e-5				
		7	1.00000e-2	190.78368	5.24154e-5				
2.610	2	1	1.00000e-2	178.42506	5.60459e-5	No	Yes	2	n-Propanol
		2	1.00000e-2	178.98715	5.58699e-5				
		3	1.00000e-2	176.96150	5.65095e-5				
		4	1.00000e-2	176.99168	5.64998e-5				
		5	1.00000e-2	178.86311	5.59087e-5				
		6	1.00000e-2	178.60658	5.59890e-5				
		7	1.00000e-2	177.32654	5.63931e-5				

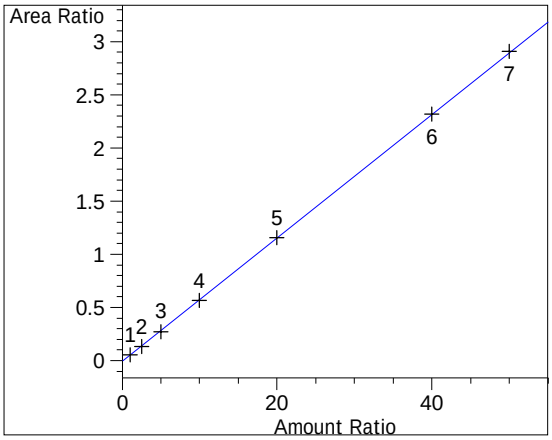
Peak Sum Table

No Entries in table

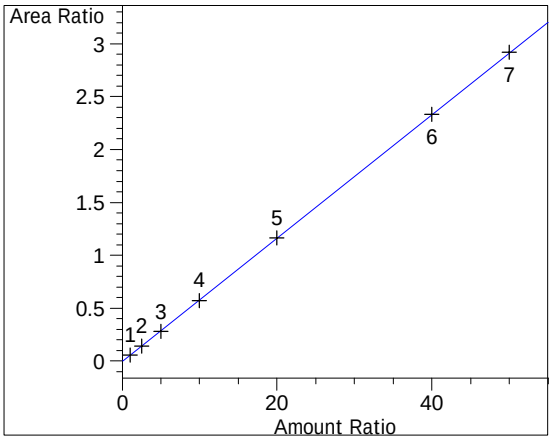
1 Warnings or Errors :

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

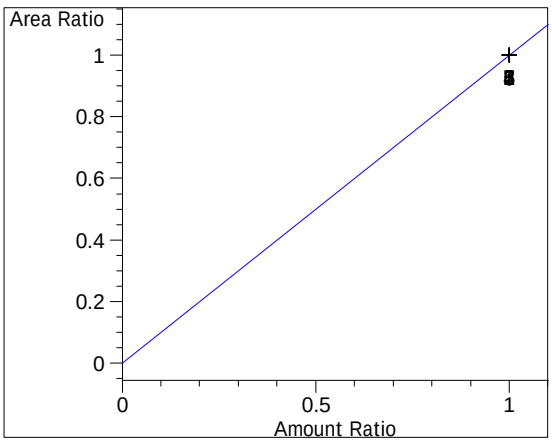
Calibration Curves



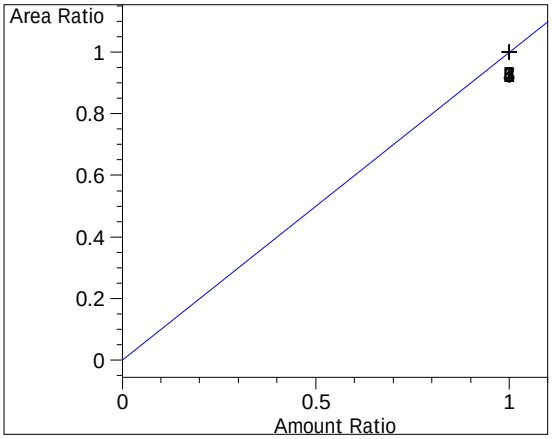
Ethanol at exp. RT: 1.192
FID1 A, Front Signal
Correlation: 0.99995
Residual Std. Dev.: 0.00706
Formula: y = mx + b
m: 5.80662e-2
b: -8.25611e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.392657
Level 3 : 0.192165
Level 4 : 0.093189
Level 5 : 0.045611
Level 6 : 0.022743
Level 7 : 0.018134



Ethanol at exp. RT: 1.446
FID2 B, Back Signal
Correlation: 0.99997
Residual Std. Dev.: 0.00506
Formula: y = mx + b
m: 5.84233e-2
b: -7.17793e-3
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 0.389803
Level 3 : 0.191476
Level 4 : 0.09338
Level 5 : 0.045913
Level 6 : 0.022876
Level 7 : 0.018284



n-Propanol at exp. RT: 1.998
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

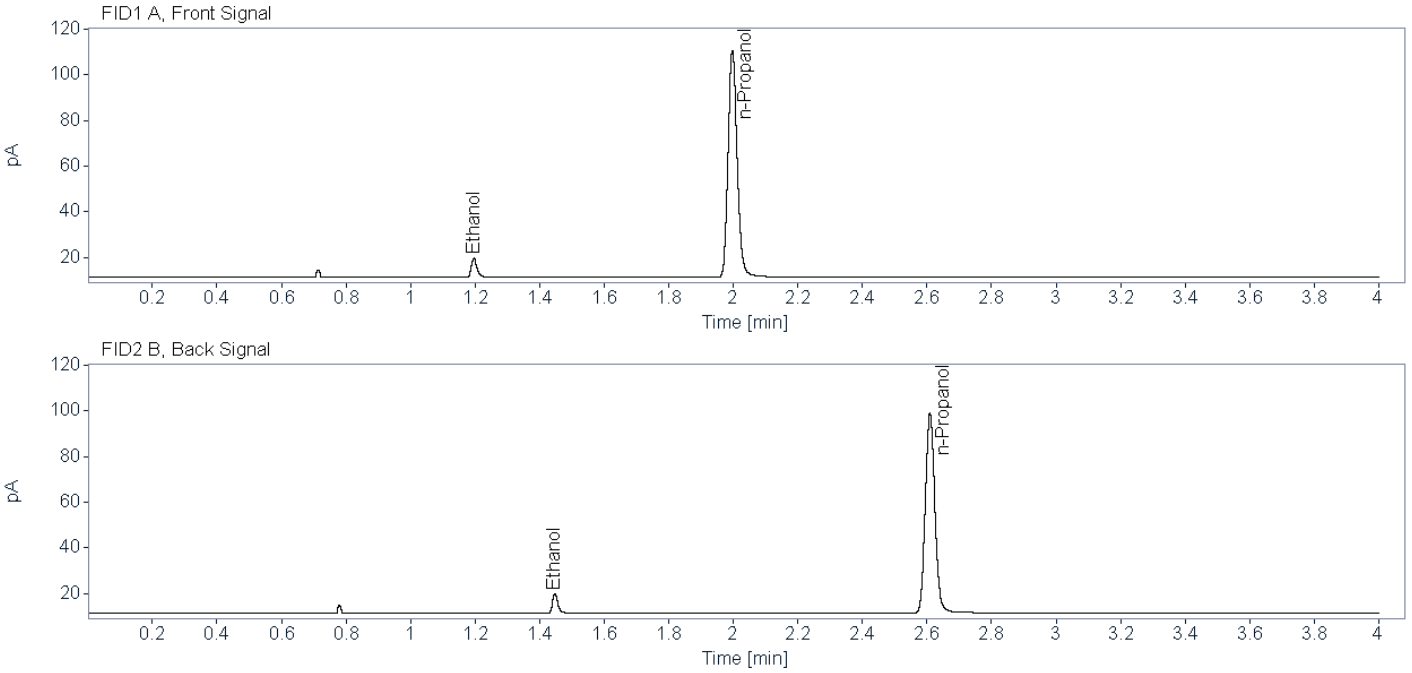


n-Propanol at exp. RT: 2.610
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio
Calibration Level Weights:
Level 1 : 1
Level 2 : 1
Level 3 : 1
Level 4 : 1
Level 5 : 1
Level 6 : 1
Level 7 : 1

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Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.010 g/100mL Cal (24-1781) **Description:** **Sample Barcode** 24-1781 **Vial Number:** 1
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 10:20:01 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\001F0101.D



Name FID1A

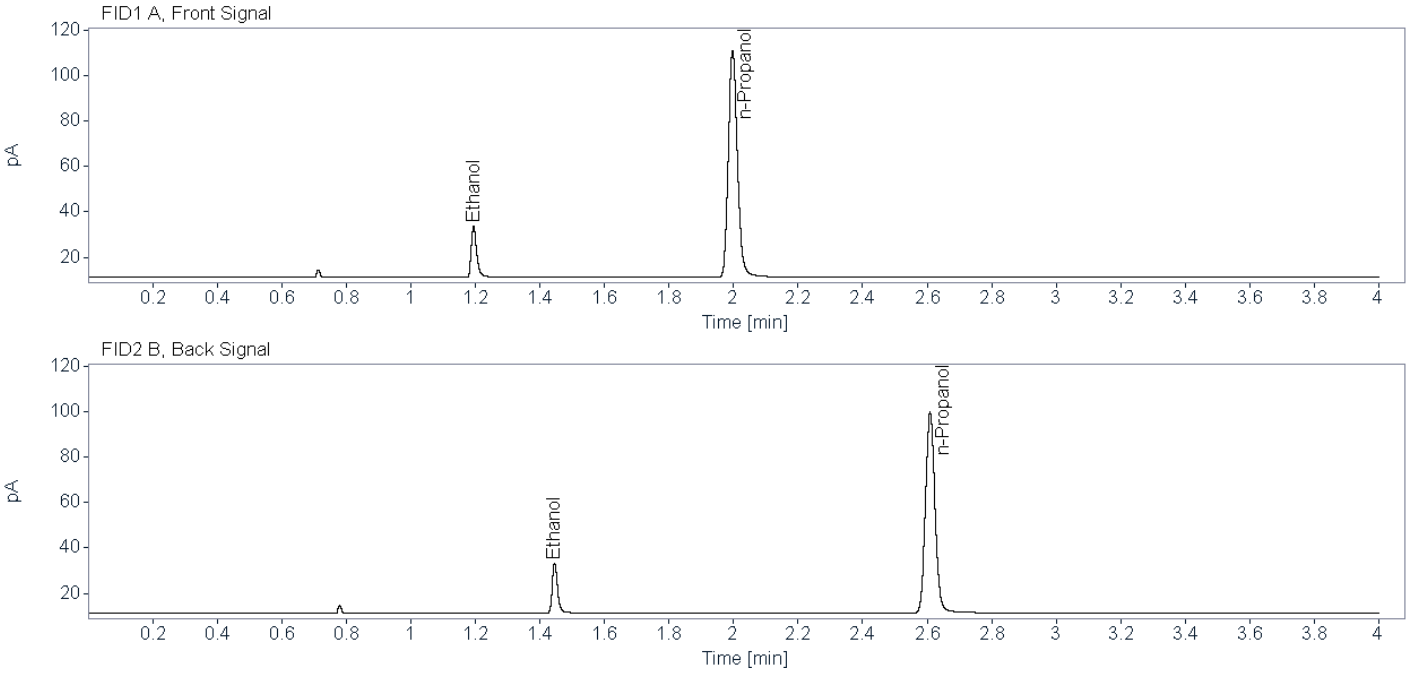
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71943	1.196	1.196	10.1271	0.0105
n-Propanol	0.82511	1.997	1.997	192.1945	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76690	1.447	1.447	9.5259	0.0104
n-Propanol	0.88711	2.609	2.609	178.4251	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.025 g/100mL Cal (24-1782) **Description:** **Sample Barcode** 24-1782 **Vial Number:** 2
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 10:24:44 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\002F0201.D



Name FID1A

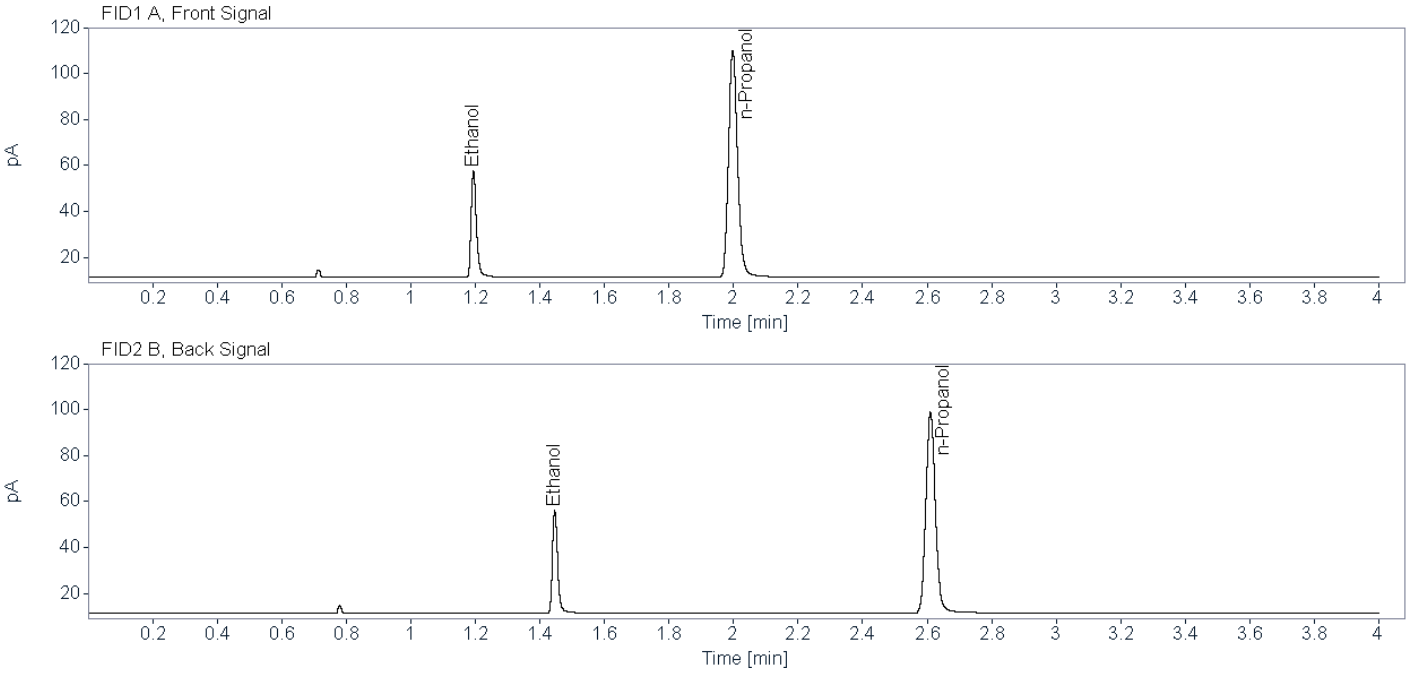
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72241	1.195	1.195	25.9534	0.0245
n-Propanol	0.83149	1.997	1.997	193.4036	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75240	1.446	1.446	24.5146	0.0247
n-Propanol	0.88375	2.609	2.609	178.9872	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.050 g/100mL Cal (24-1783) **Description:** **Sample Barcode** 24-1783 **Vial Number:** 3
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 10:30:25 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\003F0301.D



Name FID1A

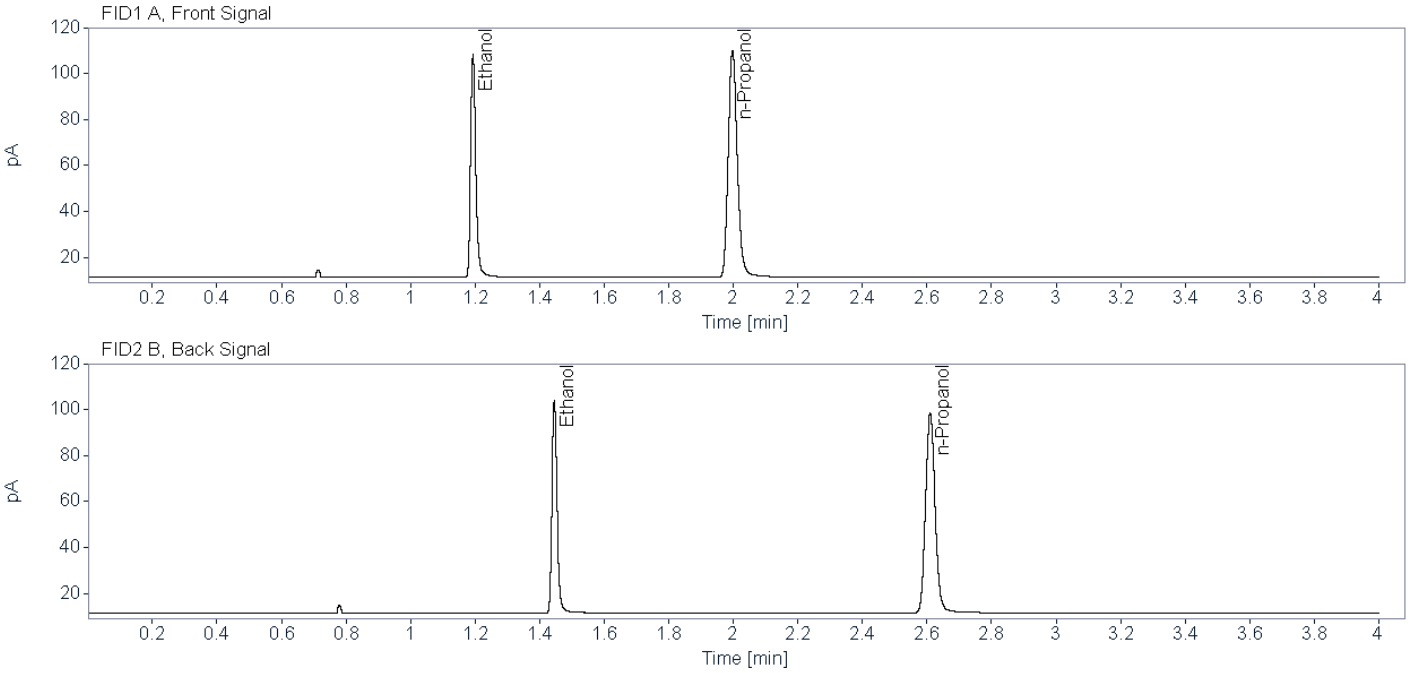
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73582	1.194	1.194	52.3558	0.0486
n-Propanol	0.83096	1.997	1.997	190.9401	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77197	1.446	1.446	49.3417	0.0490
n-Propanol	0.88812	2.610	2.610	176.9615	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.100 g/100mL Cal (24-1784) **Description:** **Sample Barcode** 24-1784 **Vial Number:** 4
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 10:35:08 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\004F0401.D



Name FID1A

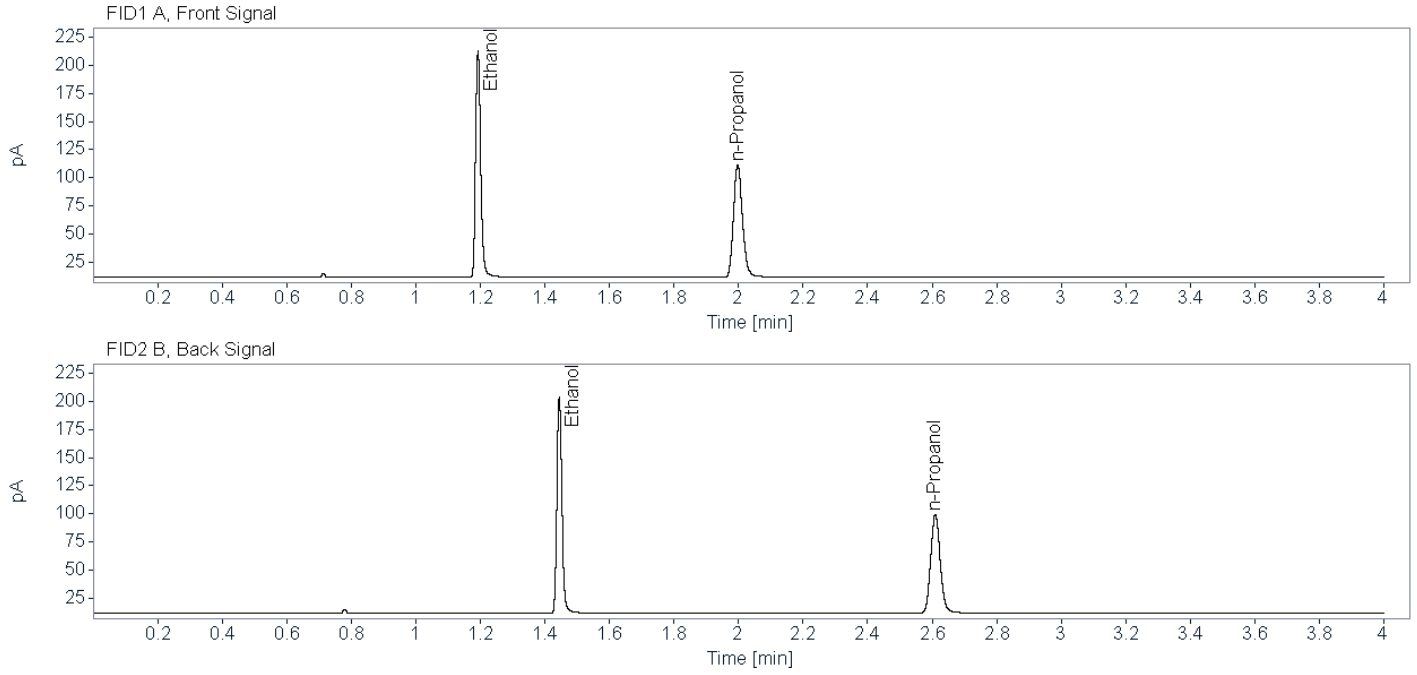
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74978	1.193	1.193	108.1447	0.0988
n-Propanol	0.82409	1.997	1.997	191.2605	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79753	1.446	1.446	101.1920	0.0991
n-Propanol	0.88021	2.610	2.610	176.9917	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.200 g/100mL Cal (24-1785) **Description:** **Sample Barcode** 24-1785 **Vial Number:** 5
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 10:40:49 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\005F0501.D



Name FID1A

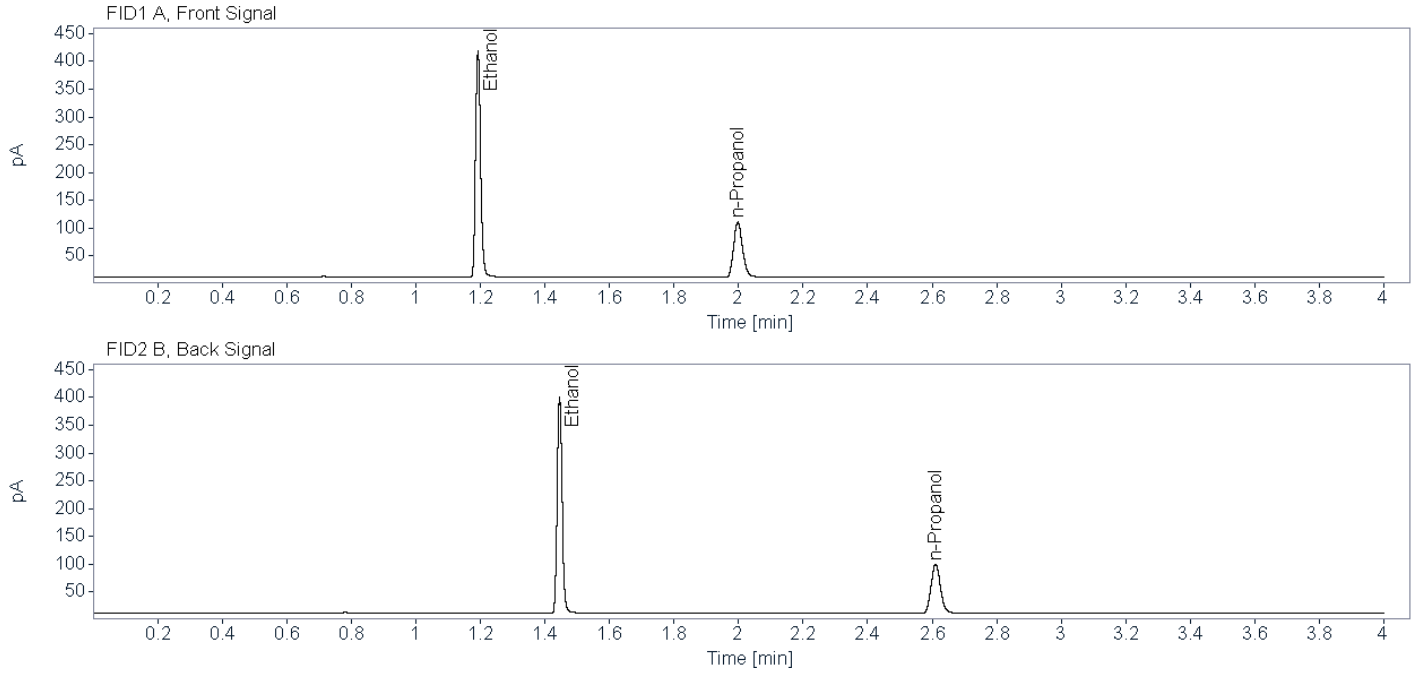
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77964	1.193	1.193	222.6198	0.2004
n-Propanol	0.82884	1.997	1.997	192.7018	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82684	1.445	1.445	207.9842	0.2003
n-Propanol	0.88354	2.610	2.610	178.8631	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.400 g/100mL Cal (24-1786) **Description:** **Sample Barcode** 24-1786 **Vial Number:** 6
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 10:45:32 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\006F0601.D



Name FID1A

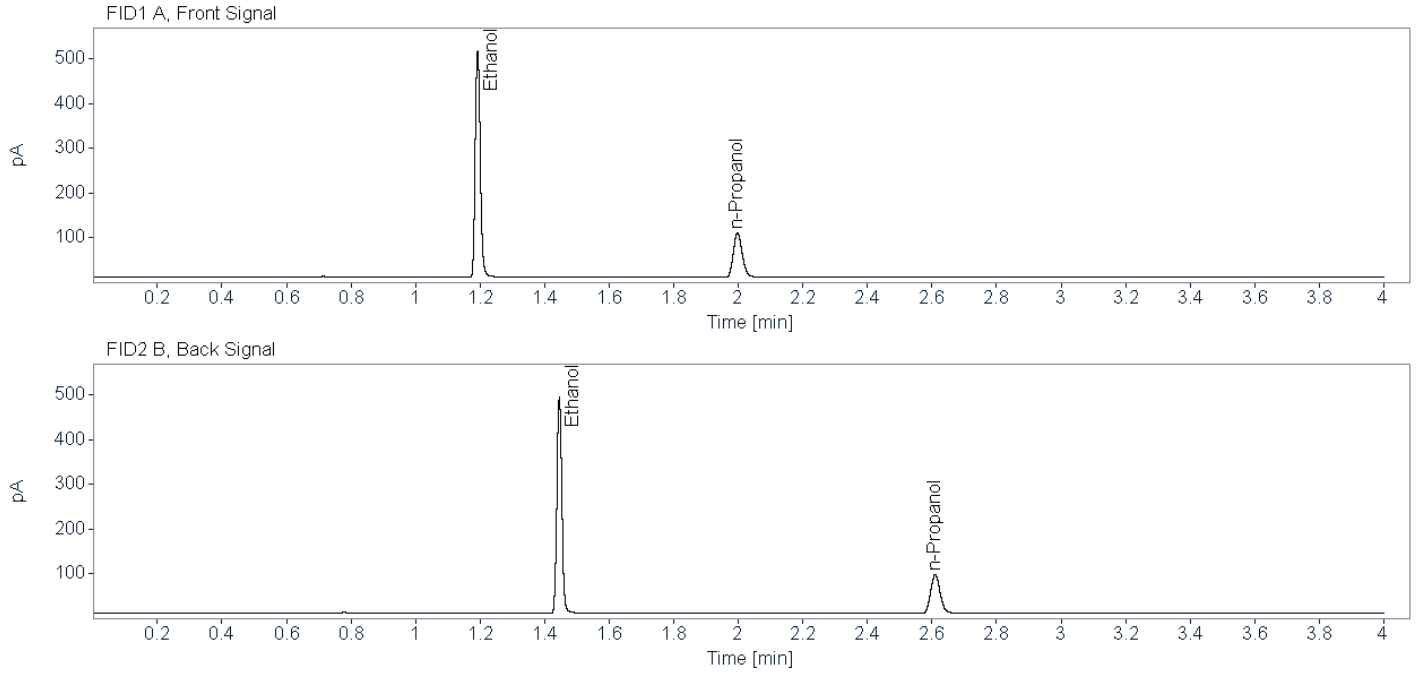
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81988	1.193	1.193	446.4888	0.4004
n-Propanol	0.82901	1.998	1.998	192.7129	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87950	1.446	1.446	416.8314	0.4007
n-Propanol	0.88633	2.610	2.610	178.6066	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: 0.500 g/100mL Cal (24-1787) **Description:** **Sample Barcode** 24-1787 **Vial Number:** 7
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 10:51:13 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\007F0701.D



Name FID1A

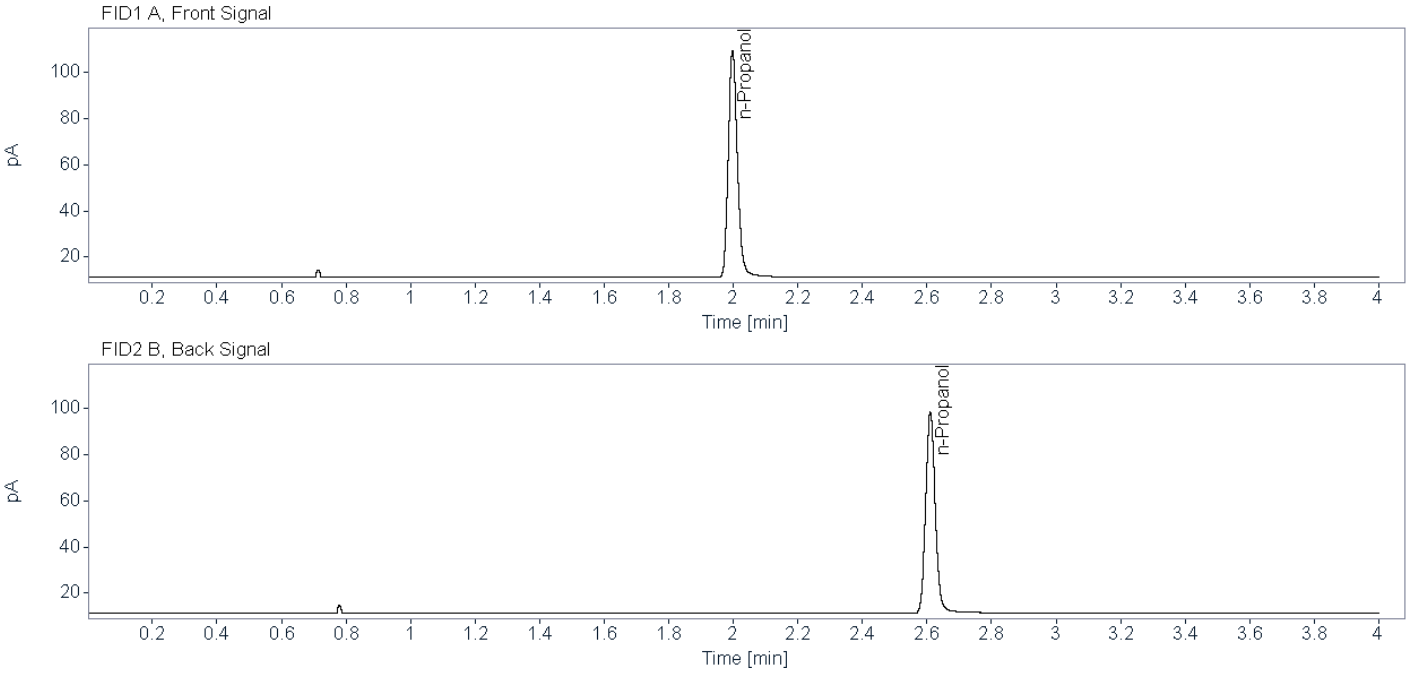
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83631	1.192	1.192	554.3514	0.5018
n-Propanol	0.82013	1.998	1.998	190.7837	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.89256	1.446	1.446	517.7844	0.5010
n-Propanol	0.87580	2.610	2.610	177.3265	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Negative (24-1788) **Description:** **Sample Barcode** 24-1788 **Vial Number:** 8
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 10:55:56 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\008F0801.D



Name FID1A

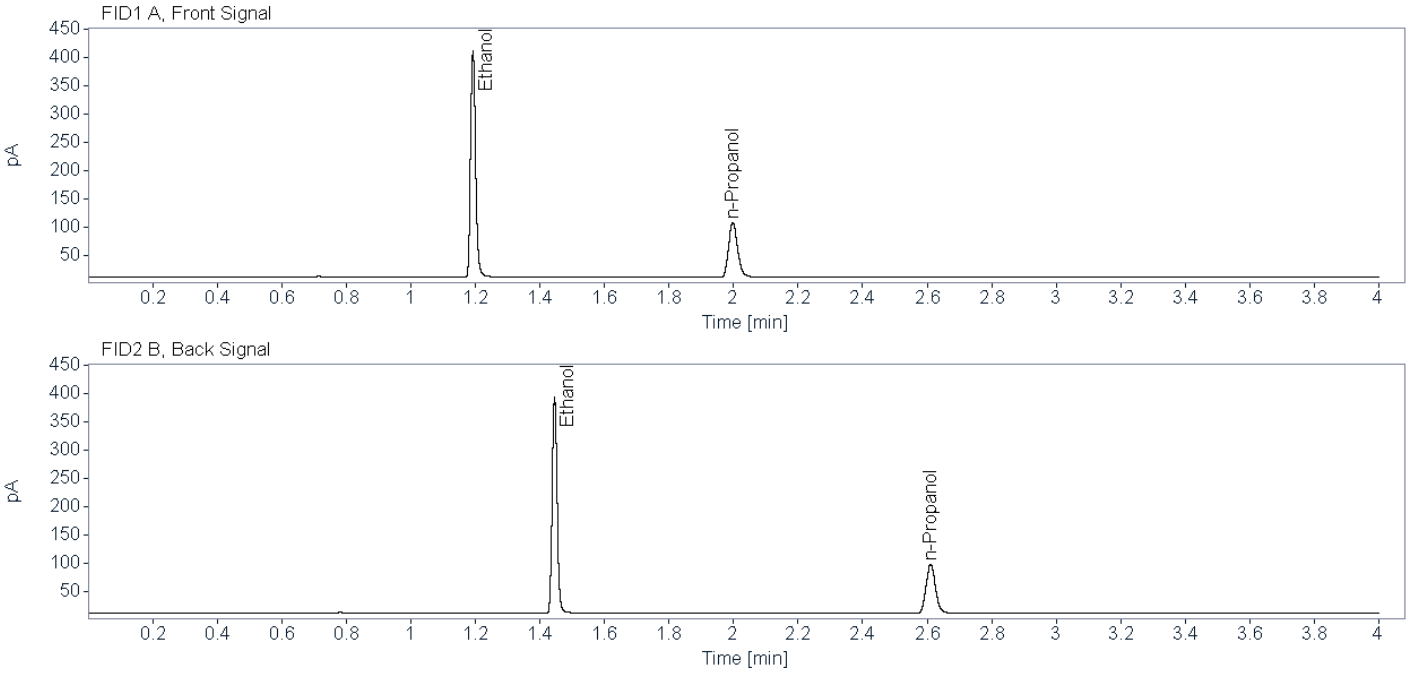
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.81831	1.998	1.998	189.6873	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.87943	2.610	2.610	176.2342	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-1789) **Description:** **Sample Barcode** 24-1789 **Vial Number:** 9
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 11:01:37 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\009F0901.D



Name FID1A

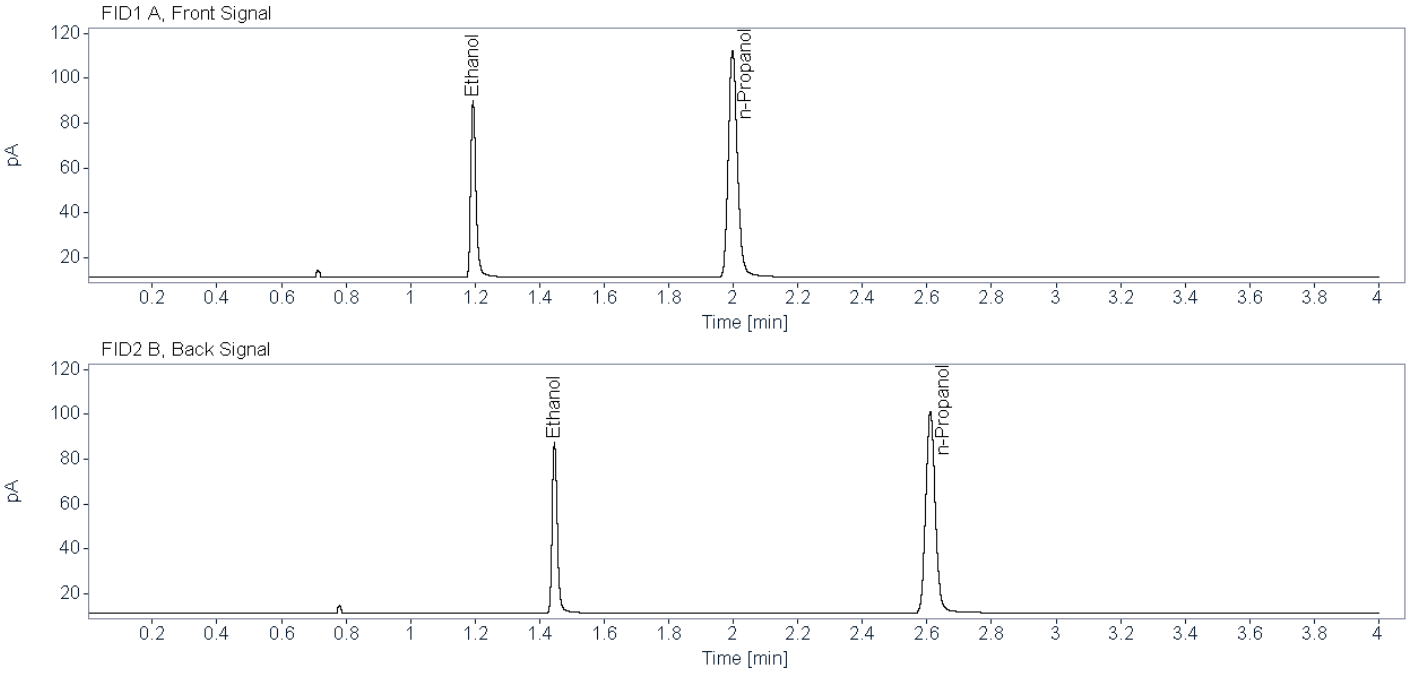
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81415	1.193	1.192	438.1666	0.4023
n-Propanol	0.81543	1.998	1.998	188.2371	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.87676	1.446	1.446	409.4341	0.4012
n-Propanol	0.88845	2.610	2.610	175.2351	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low QC (24-1790) **Description:** **Sample Barcode** 24-1790 **Vial Number:** 10
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 11:06:20 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\010F1001.D



Name FID1A

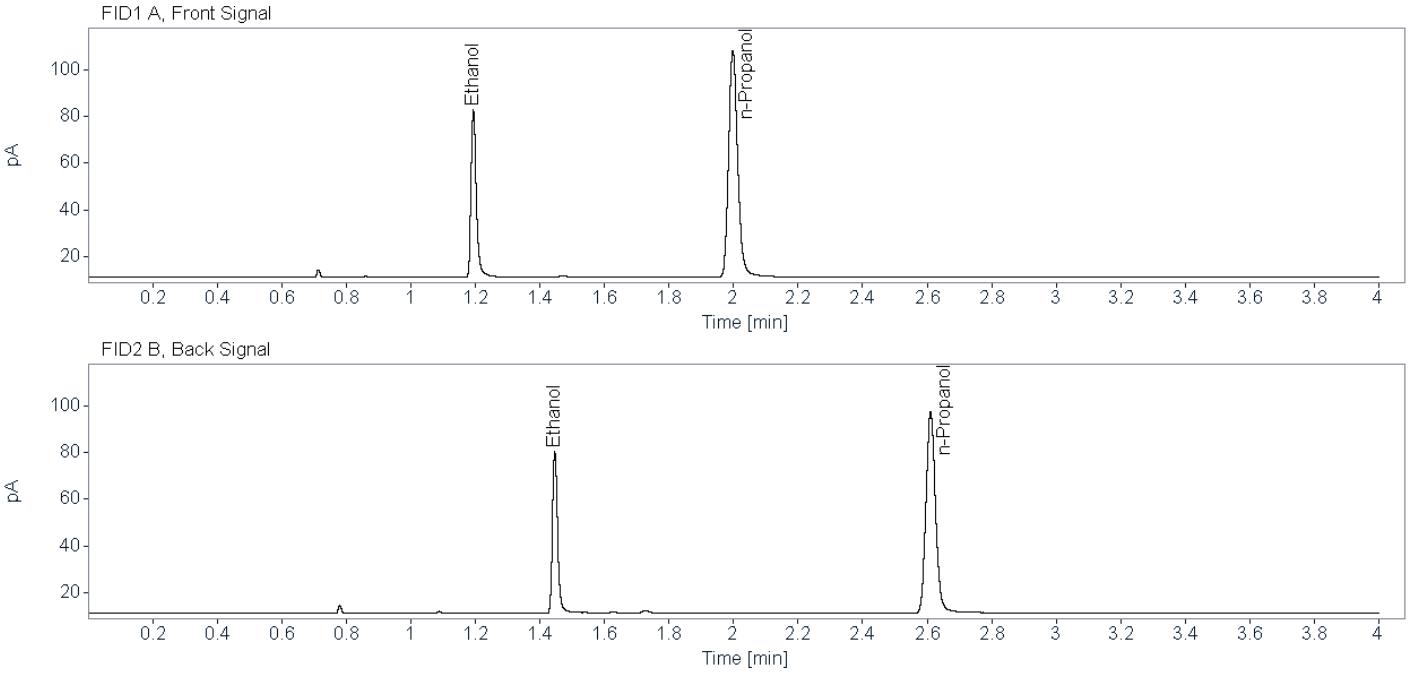
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73546	1.194	1.192	88.2259	0.0792
n-Propanol	0.82069	1.998	1.998	195.4411	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78912	1.446	1.446	83.2864	0.0796
n-Propanol	0.88250	2.611	2.610	181.8551	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-1791) **Description:** **Sample Barcode** 24-1791 **Vial Number:** 11
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 11:12:43 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\011F1101.D



Name FID1A

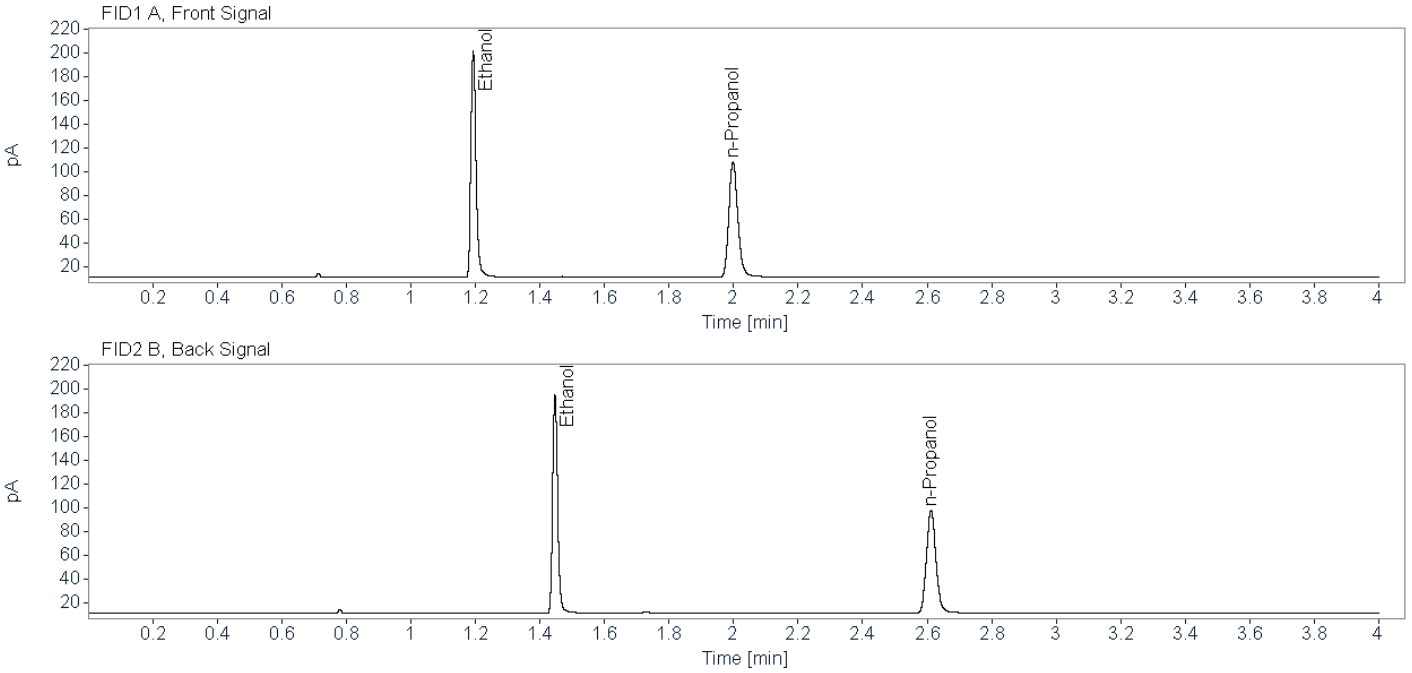
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72644	1.194	1.192	80.6139	0.0758
n-Propanol	0.81696	1.998	1.998	186.7739	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78116	1.446	1.446	75.6584	0.0757
n-Propanol	0.88149	2.610	2.610	173.9982	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-1802) **Description:** **Sample Barcode** 24-1802 **Vial Number:** 22
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 12:09:36 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\022F2201.D



Name FID1A

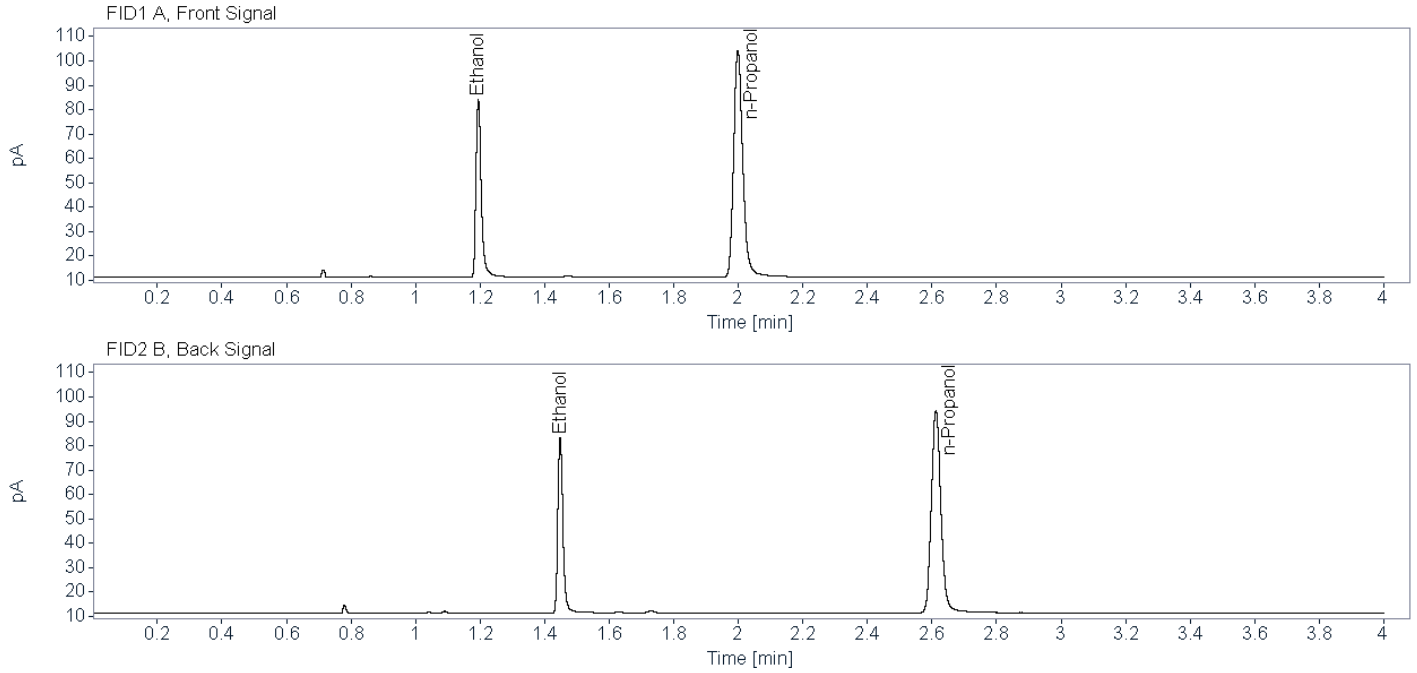
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78269	1.194	1.192	210.7026	0.1957
n-Propanol	0.81273	1.998	1.998	186.8026	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83383	1.447	1.446	197.7558	0.1951
n-Propanol	0.86957	2.612	2.610	174.5726	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-1813) **Description:** **Sample Barcode** 24-1813 **Vial Number:** 33
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 1:07:07 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\033F3301.D



Name FID1A

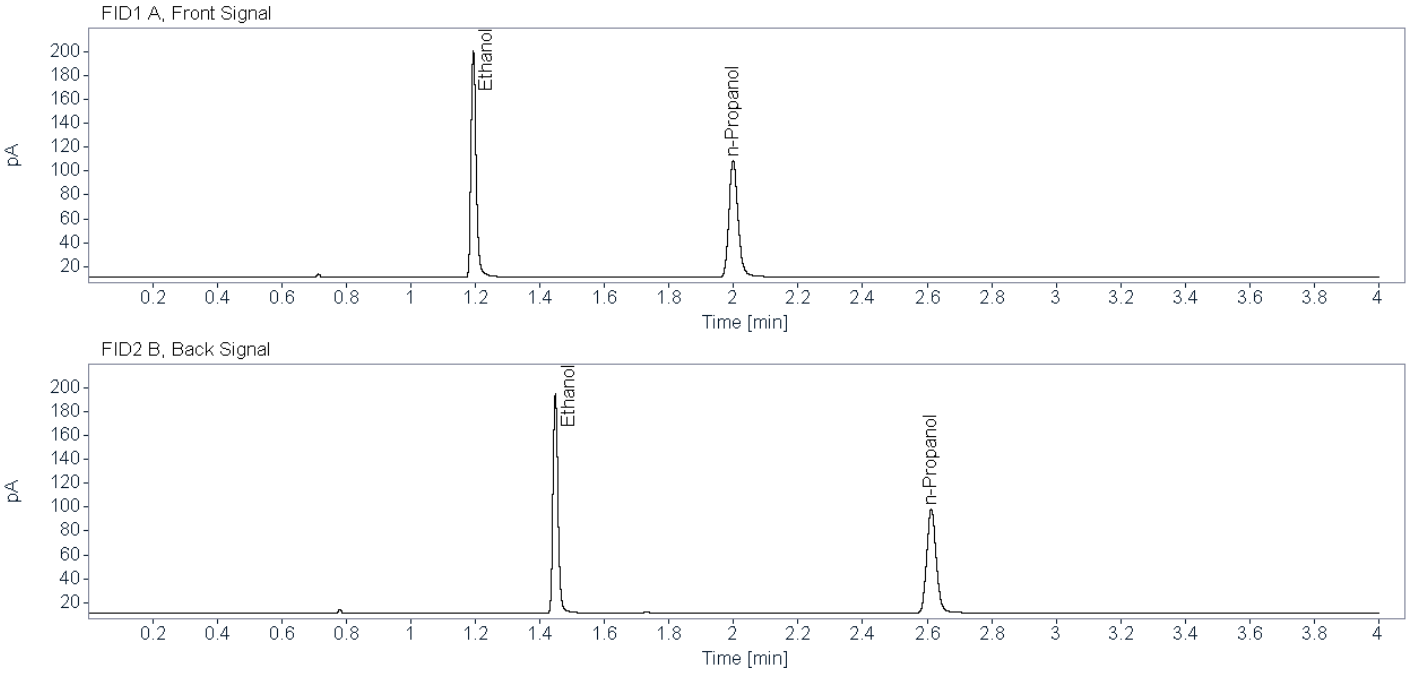
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71332	1.195	1.192	83.0726	0.0811
n-Propanol	0.80370	1.999	1.998	179.5271	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77849	1.448	1.446	78.3864	0.0811
n-Propanol	0.86400	2.612	2.610	168.0502	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC B (24-1824) **Description:** **Sample Barcode** 24-1824 **Vial Number:** 44
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 2:04:00 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\044F4401.D



Name FID1A

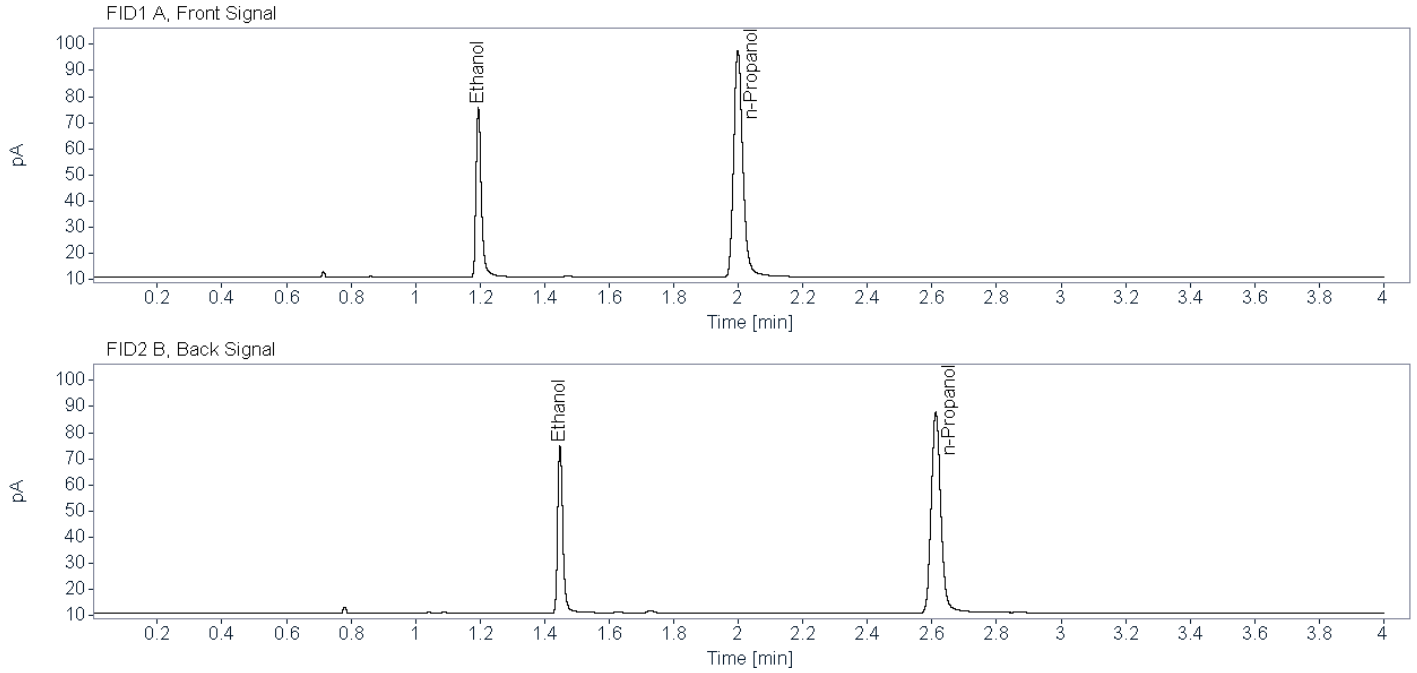
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76080	1.194	1.192	209.8104	0.1928
n-Propanol	0.79376	1.999	1.998	188.8217	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82062	1.448	1.446	197.3317	0.1928
n-Propanol	0.86738	2.613	2.610	176.3545	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Blood QC A (24-1835) **Description:** **Sample Barcode** 24-1835 **Vial Number:** 55
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 3:01:31 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\055F5501.D



Name FID1A

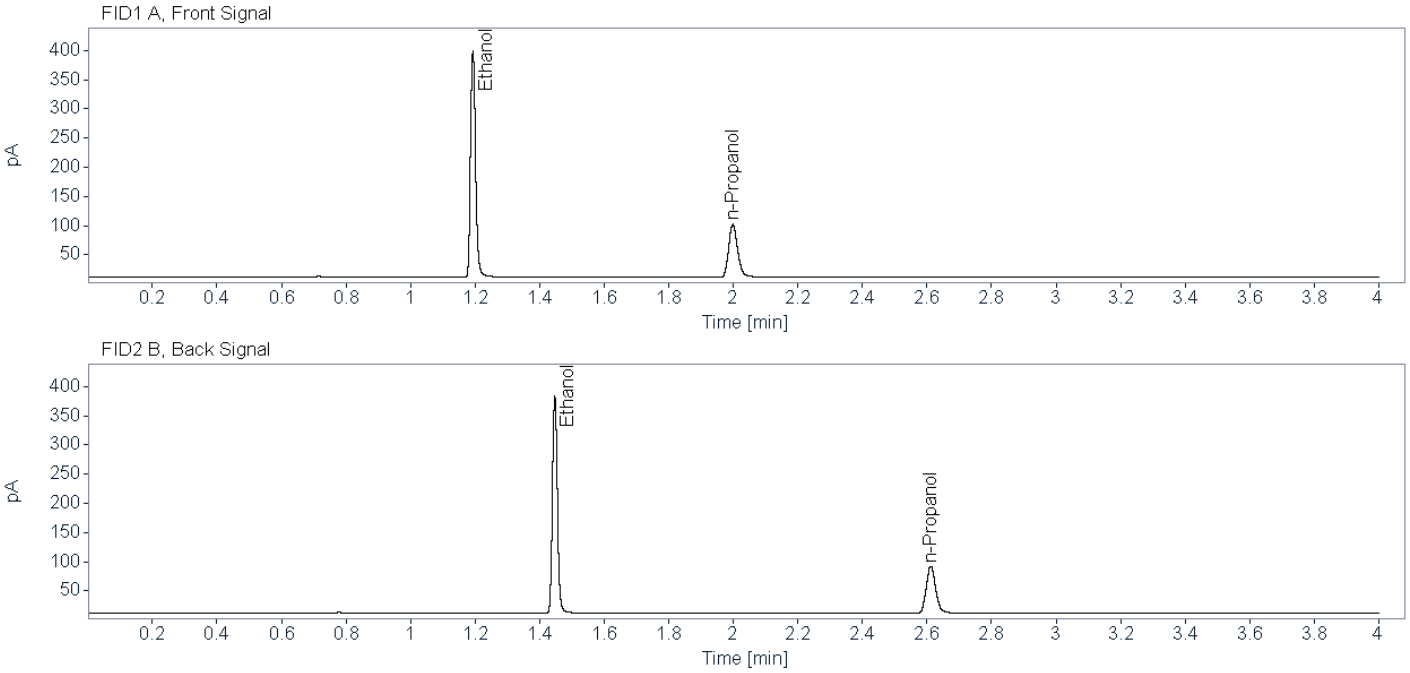
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70563	1.195	1.192	73.7600	0.0774
n-Propanol	0.79645	1.999	1.998	167.0936	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78367	1.448	1.446	69.7387	0.0780
n-Propanol	0.86674	2.612	2.610	155.5828	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: High QC (24-1836) **Description:** **Sample Barcode** 24-1836 **Vial Number:** 56
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 3:06:24 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\056F5601.D



Name FID1A

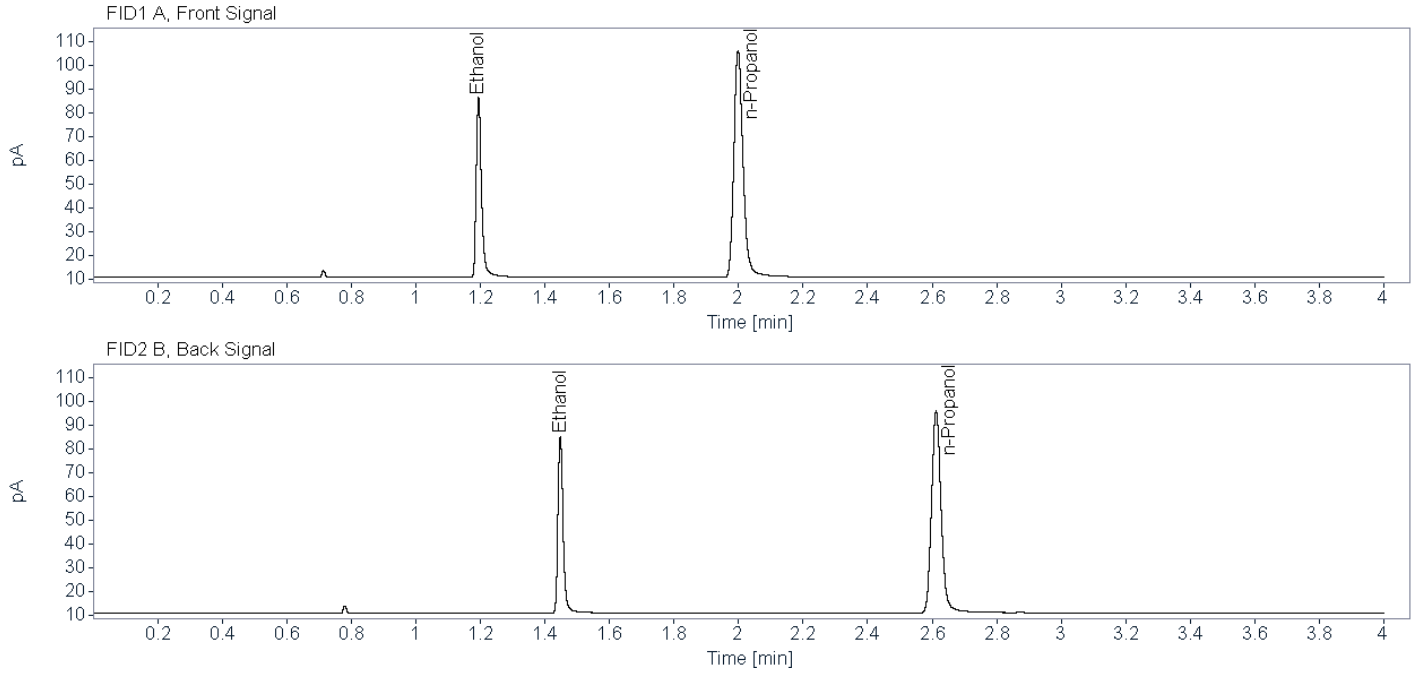
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79901	1.193	1.192	425.5337	0.4169
n-Propanol	0.79238	1.999	1.998	176.3992	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86925	1.447	1.446	399.3446	0.4175
n-Propanol	0.86368	2.612	2.610	164.1903	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: Low (24-1837) **Description:** **Sample Barcode** 24-1837 **Vial Number:** 57
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 3:11:56 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\057F5701.D



Name FID1A

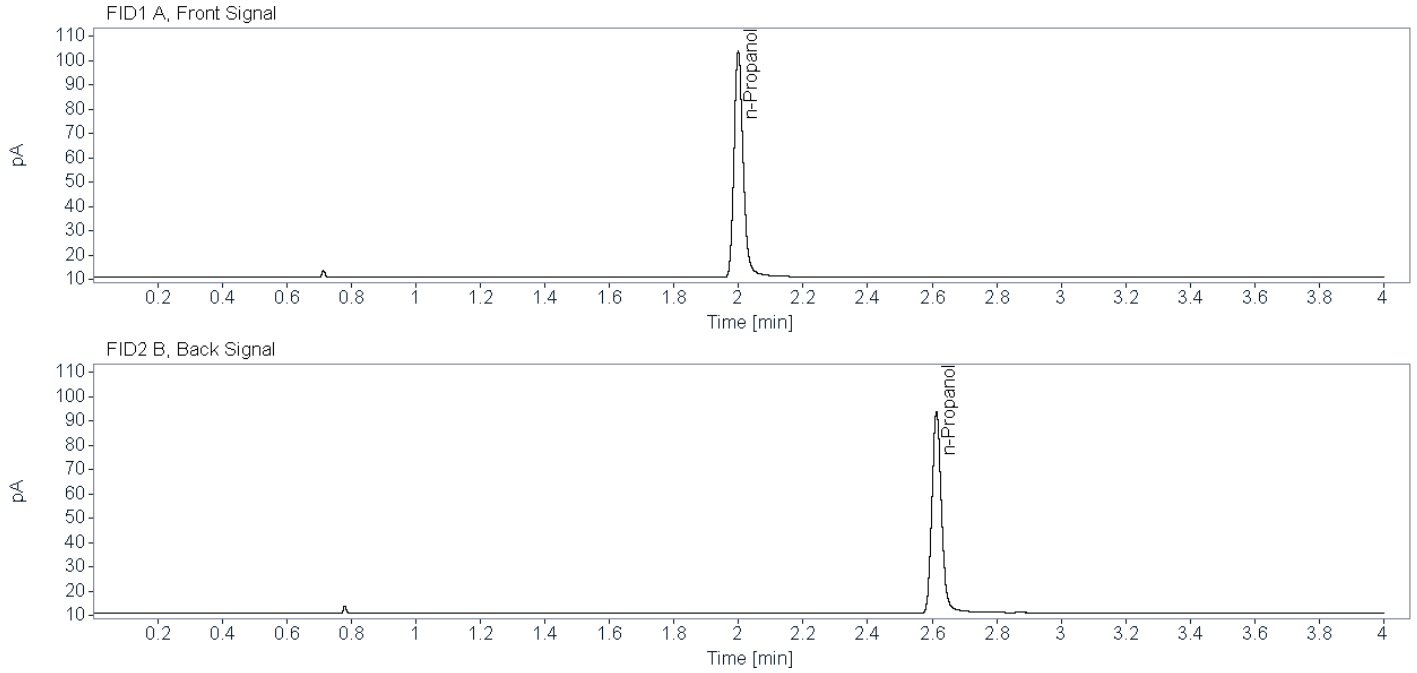
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.72290	1.195	1.192	85.2852	0.0811
n-Propanol	0.79881	1.999	1.998	184.4251	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77579	1.448	1.446	81.1246	0.0821
n-Propanol	0.85563	2.612	2.610	171.7170	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: DI Water (24-1838) **Description:** **Sample Barcode** 24-1838 **Vial Number:** 58
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 3:16:49 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\058F5801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.79122	1.999	1.998	180.2839	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
n-Propanol	0.86435	2.613	2.610	167.6759	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1059 001

Batch Name: BAC_20240829_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2627	Aliquot 1:	0.2616
	Aliquot 2:	0.2613	Aliquot 2:	0.2616

Reported Result: 0.261 g/100 mL

Reported UM: 0.038 g/100 mL

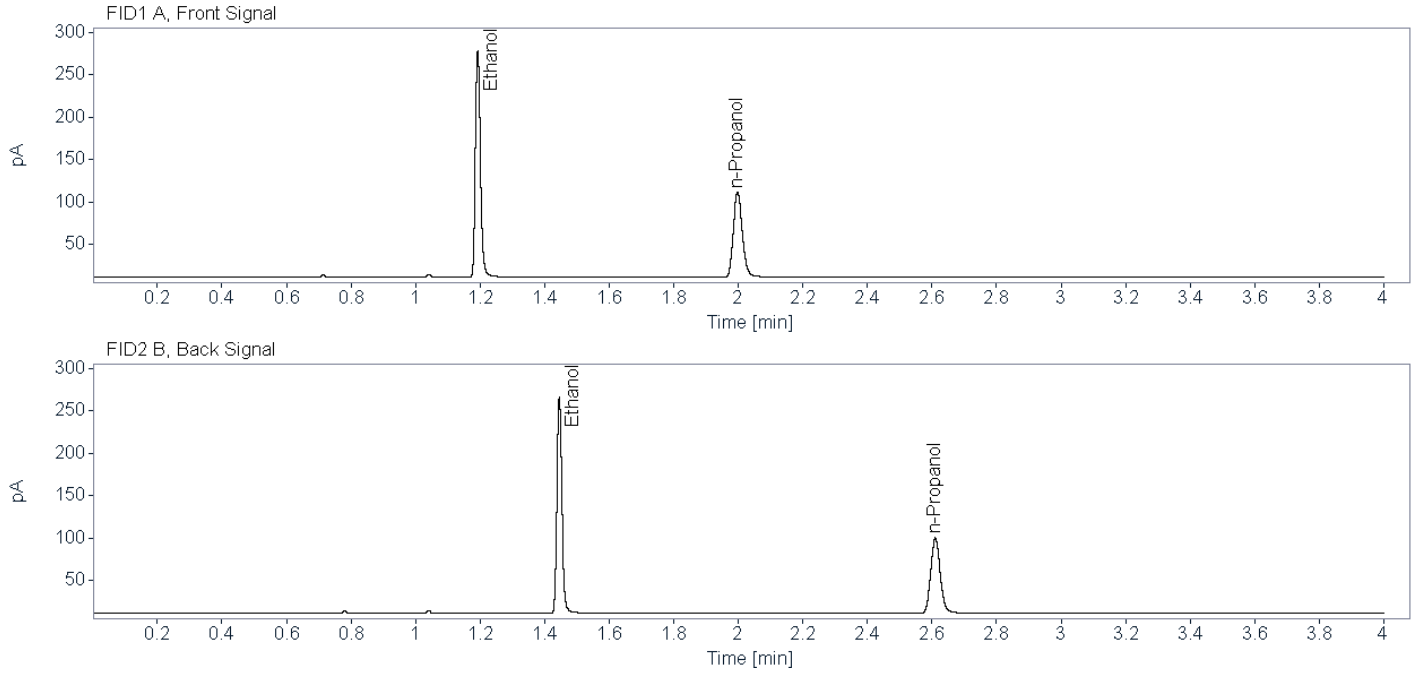
Comments:

Previously analyzed in BAC_20240819_KB -KB 9/13/2024

Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1059 001 (24-1792) **Description:** Alq 1 **Sample Barcode** 24-1792 **Vial Number:** 12
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 11:17:36 AM
Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\012F1201.D



Name FID1A

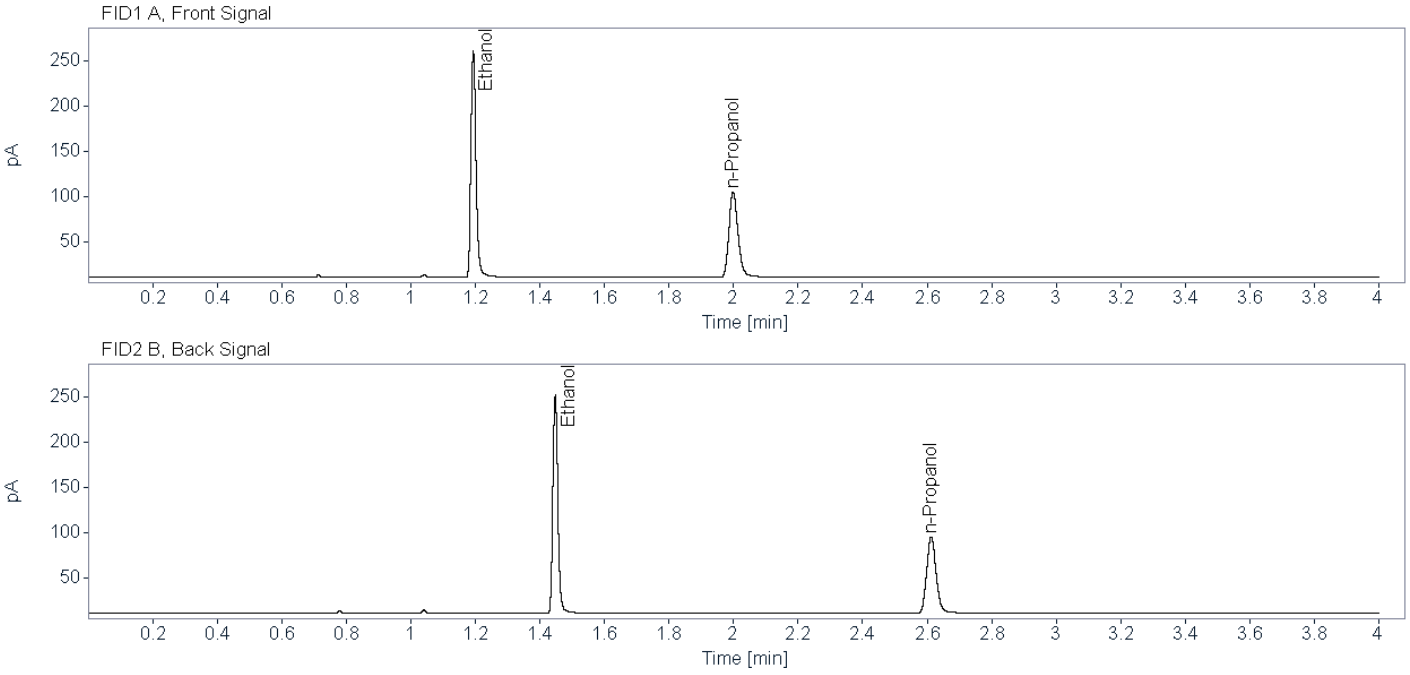
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79526	1.193	1.192	293.3636	0.2627
n-Propanol	0.81981	1.998	1.998	193.3758	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84226	1.446	1.446	274.2918	0.2616
n-Propanol	0.87825	2.610	2.610	180.3355	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1059 001 (24-1834) **Description:** Alq 2 **Sample Barcode** 24-1834 **Vial Number:** 54
Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 2:56:00 PM
Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\054F5401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79232	1.194	1.192	276.3619	0.2613
n-Propanol	0.80211	1.999	1.998	183.1635	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83152	1.448	1.446	259.5598	0.2616
n-Propanol	0.85548	2.612	2.610	170.6472	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1286 001_001

Batch Name: BAC_20240829_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2536	Aliquot 1:	0.2521
	Aliquot 2:	0.2364	Aliquot 2:	0.2364

Reported Result: 0.244 g/100 mL

Reported UM: 0.035 g/100 mL

Comments:

Previously analyzed in BAC_20240819_KB -KB 9/13/2024

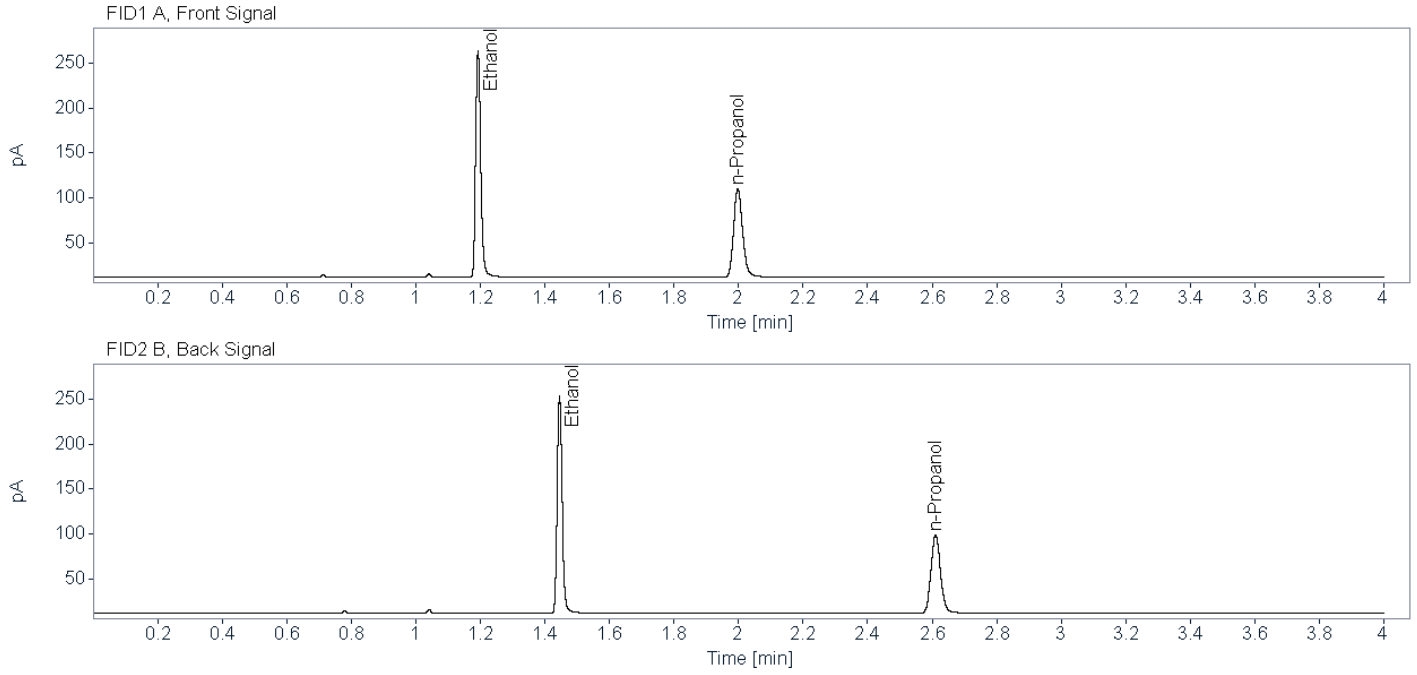
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1286 001_001 (24-1793) **Description:** Alq 1 **Sample Barcode** 24-1793 **Vial Number:** 13

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 11:23:07 AM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\013F1301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78593	1.193	1.192	277.8293	0.2536
n-Propanol	0.81245	1.998	1.998	189.7401	0.0100

Name FID2B

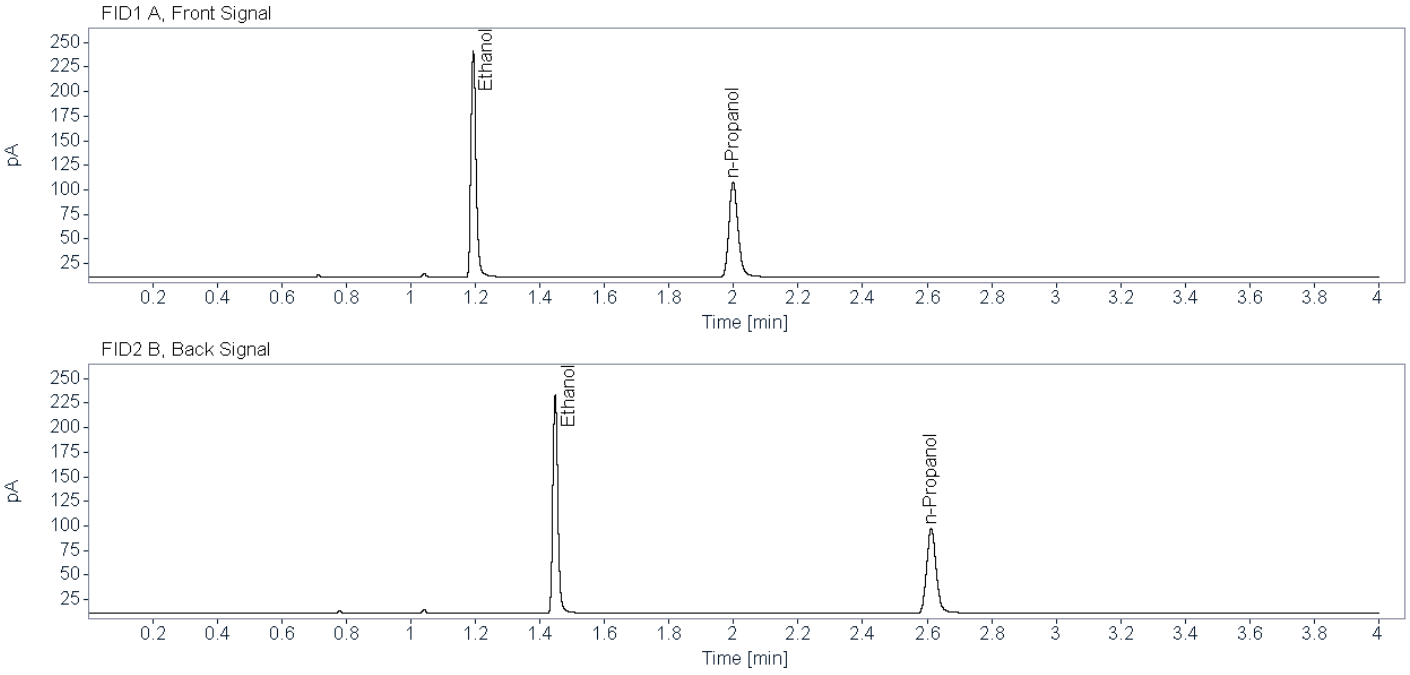
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84148	1.445	1.446	259.9305	0.2521
n-Propanol	0.88662	2.611	2.610	177.3385	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1286 001_001 (24-1833) **Description:** Alq 2 **Sample Barcode** 24-1833 **Vial Number:** 53

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 2:51:08 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\053F5301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78851	1.194	1.192	254.5373	0.2364
n-Propanol	0.80408	1.999	1.998	186.5422	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82618	1.448	1.446	239.2895	0.2364
n-Propanol	0.85805	2.612	2.610	174.1309	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1306 006_001

Batch Name: BAC_20240829_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2001	Aliquot 1:	0.1996
	Aliquot 2:	0.1907	Aliquot 2:	0.1919

Reported Result: 0.195 g/100 mL

Reported UM: 0.028 g/100 mL

Comments:

Previously analyzed in BAC_20240819_KB -KB 9/13/2024

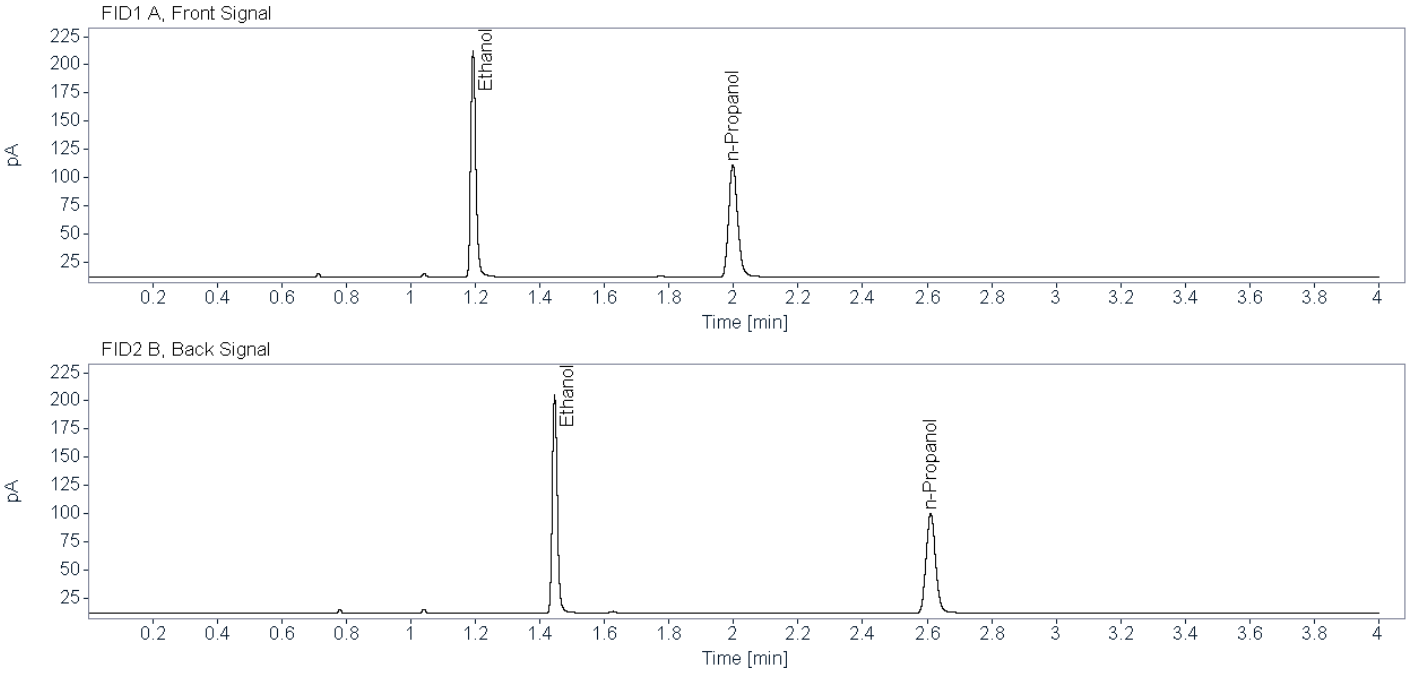
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1306 006_001 (24-1794) **Description:** Alq 1 **Sample Barcode** 24-1794 **Vial Number:** 14

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 11:28:00 AM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\014F1401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77824	1.193	1.192	222.2597	0.2001
n-Propanol	0.81589	1.998	1.998	192.6470	0.0100

Name FID2B

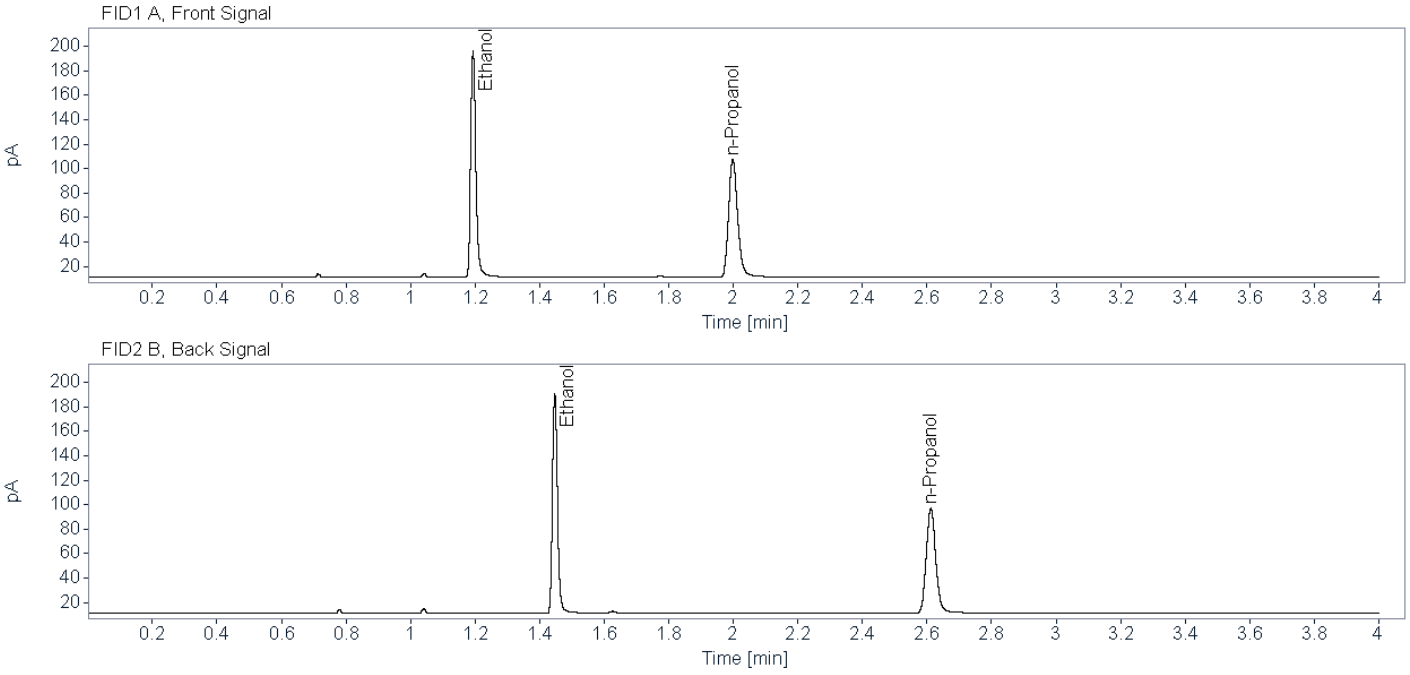
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81896	1.446	1.446	208.1335	0.1996
n-Propanol	0.88910	2.611	2.610	179.5831	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1306 006_001 (24-1832) **Description:** Alq 2 **Sample Barcode** 24-1832 **Vial Number:** 52

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 2:45:36 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\052F5201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75960	1.194	1.192	206.0806	0.1907
n-Propanol	0.79677	1.998	1.998	187.4568	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81323	1.447	1.446	193.8759	0.1919
n-Propanol	0.87254	2.612	2.610	174.0555	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1307 001_001

Batch Name: BAC_20240829_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2462	Aliquot 1:	0.2452
	Aliquot 2:	0.2551	Aliquot 2:	0.2551

Reported Result: **0.250** **g/100 mL**

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

Comments:

Previously analyzed in BAC_20240819_KB -KB 9/13/2024

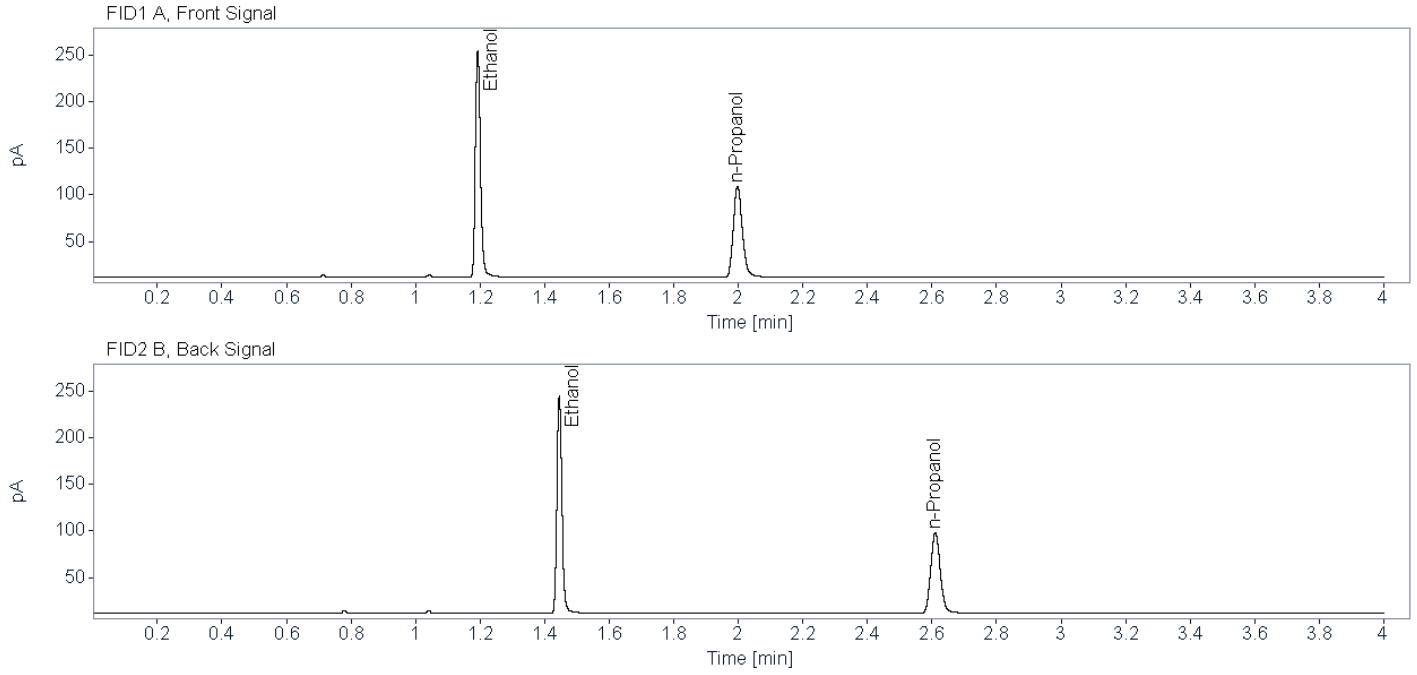
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1307 001_001 (24-1795) **Description:** Alq 1 **Sample Barcode** 24-1795 **Vial Number:** 15

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 11:33:31 AM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\015F1501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79093	1.193	1.192	268.3617	0.2462
n-Propanol	0.81335	1.998	1.998	188.8091	0.0100

Name FID2B

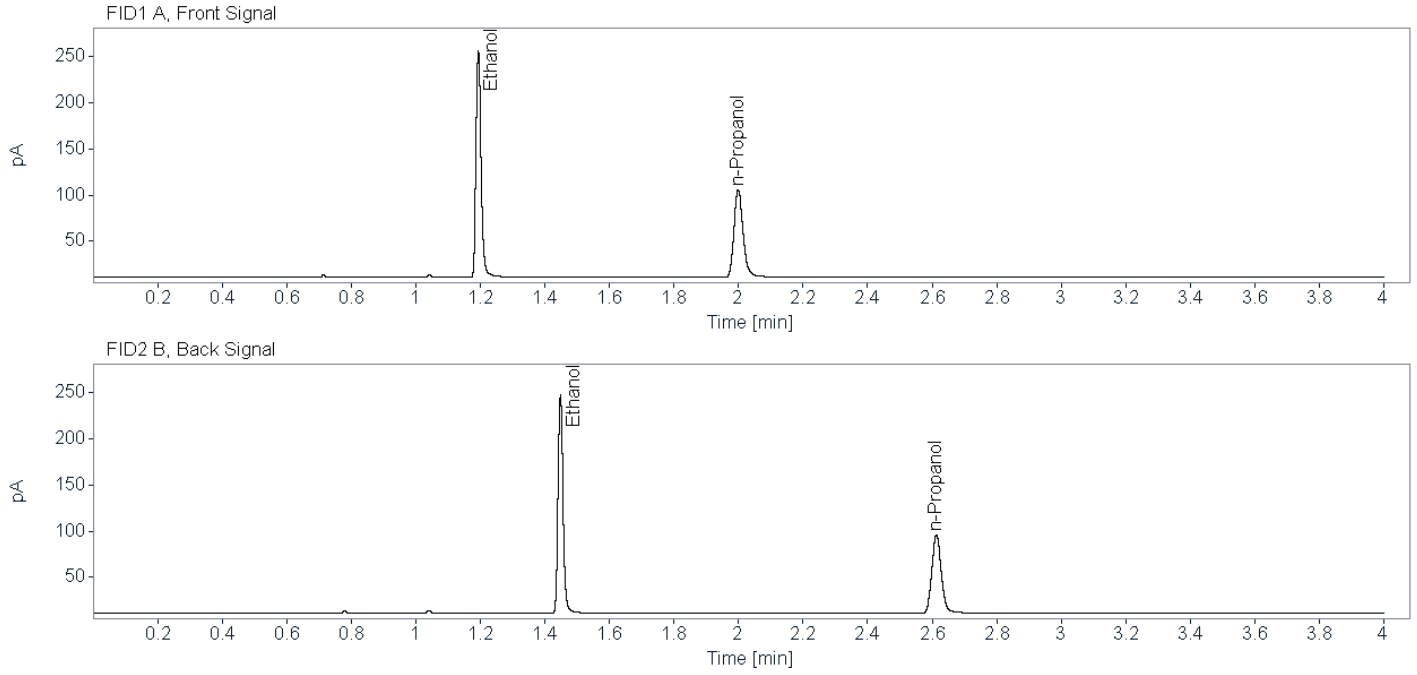
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83491	1.445	1.446	251.5240	0.2452
n-Propanol	0.87898	2.610	2.610	176.4893	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1307 001_001 (24-1831) **Description:** Alq 2 **Sample Barcode** 24-1831 **Vial Number:** 51

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 2:40:43 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\051F5101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77465	1.194	1.192	269.8317	0.2551
n-Propanol	0.79293	1.999	1.998	183.1651	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83549	1.448	1.446	253.5904	0.2551
n-Propanol	0.86278	2.613	2.610	170.9805	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1308 001_001

Batch Name: BAC_20240829_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1259	Aliquot 1:	0.1256
	Aliquot 2:	0.1188	Aliquot 2:	0.1196

Reported Result: **0.122** **g/100 mL**

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

Comments:

Previously analyzed in BAC_20240819_KB -KB 9/13/2024

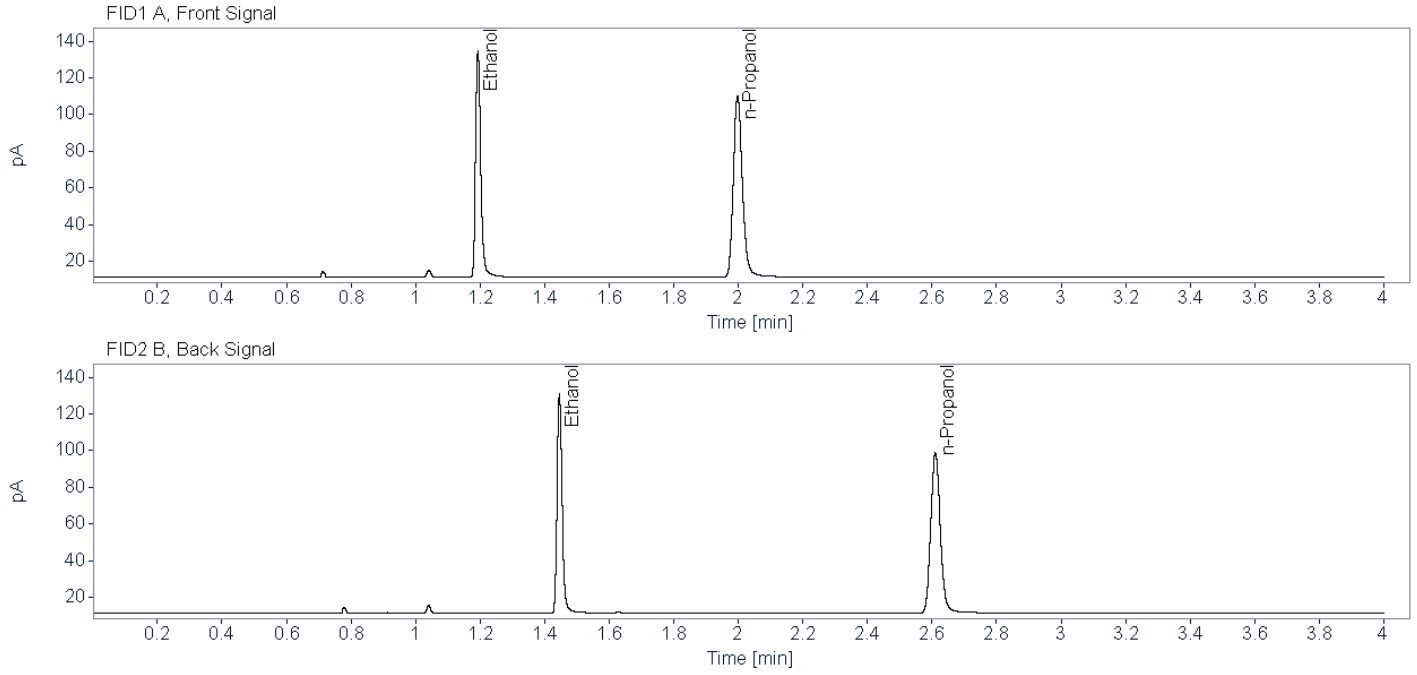
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1308 001_001 (24-1796) **Description:** Alq 1 **Sample Barcode** 24-1796 **Vial Number:** 16

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 11:38:24 AM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\016F1601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74694	1.193	1.192	137.5910	0.1259
n-Propanol	0.81544	1.998	1.998	190.3612	0.0100

Name FID2B

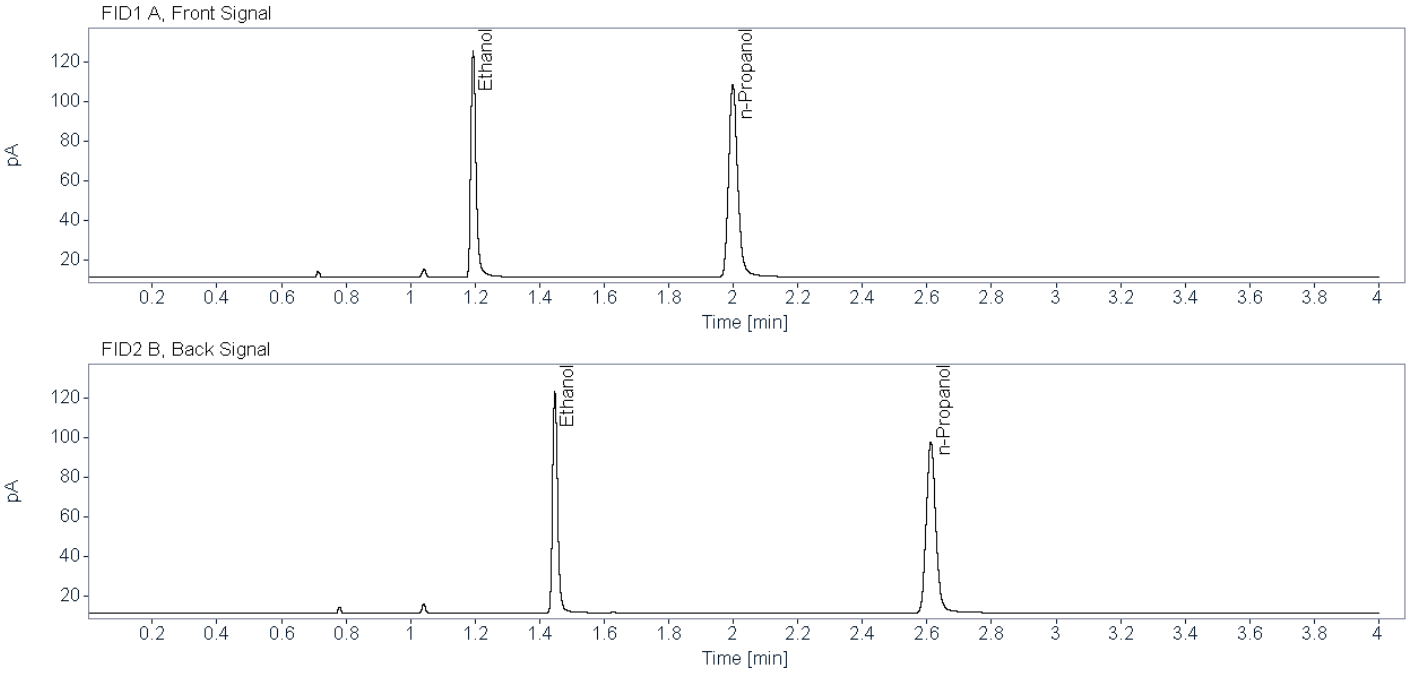
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80229	1.446	1.446	129.2170	0.1256
n-Propanol	0.87710	2.611	2.610	177.8248	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1308 001_001 (24-1830) **Description:** Alq 2 **Sample Barcode** 24-1830 **Vial Number:** 50

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 2:35:12 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\050F5001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74715	1.194	1.192	128.7609	0.1188
n-Propanol	0.80105	1.999	1.998	188.9345	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79774	1.447	1.446	121.8378	0.1196
n-Propanol	0.87366	2.612	2.610	176.2262	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1309 001_001

Batch Name: BAC_20240829_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.3769	Aliquot 1:	0.3748
	Aliquot 2:	0.3911	Aliquot 2:	0.3902

Reported Result: 0.383 g/100 mL

Reported UM: 0.055 g/100 mL

Comments:

Previously analyzed in BAC_20240819_KB -KB 9/13/2024

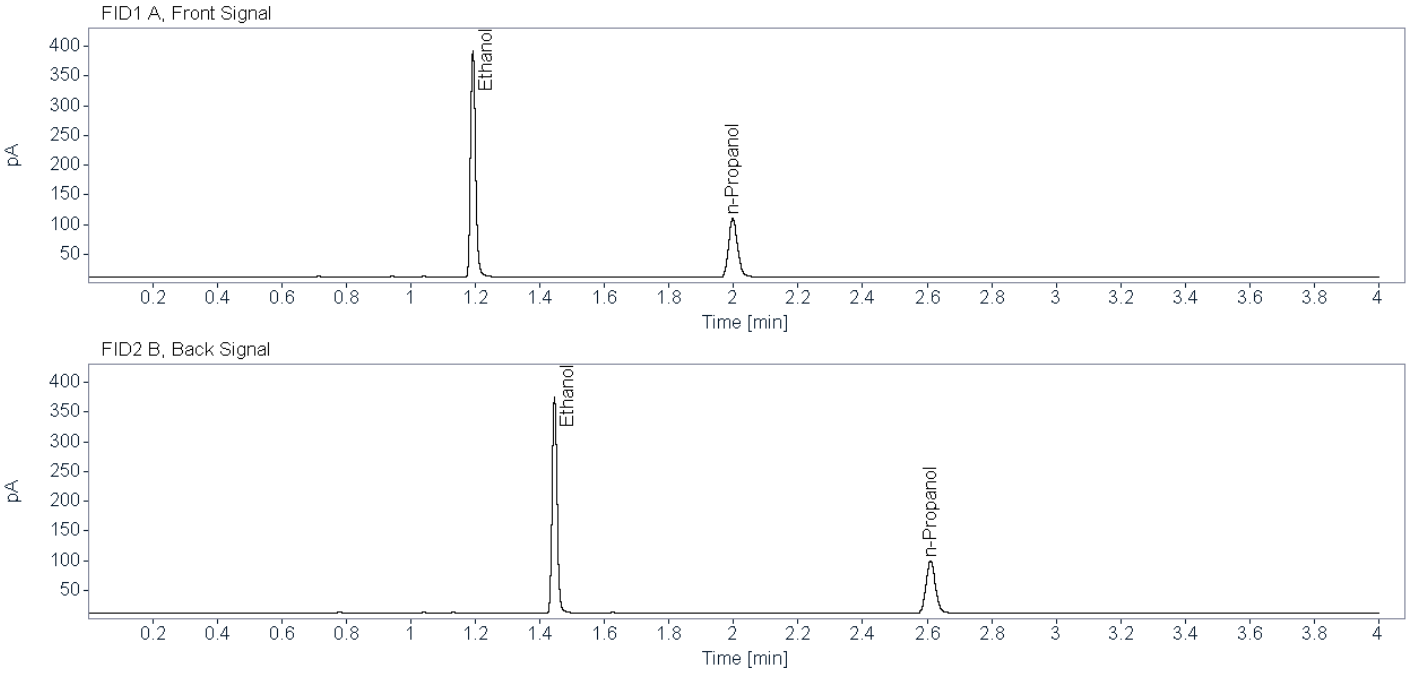
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1309 001_001 (24-1797) **Description:** Alq 1 **Sample Barcode** 24-1797 **Vial Number:** 17

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 11:43:55 AM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\017F1701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80553	1.192	1.192	416.3100	0.3769
n-Propanol	0.81333	1.998	1.998	190.9240	0.0100

Name FID2B

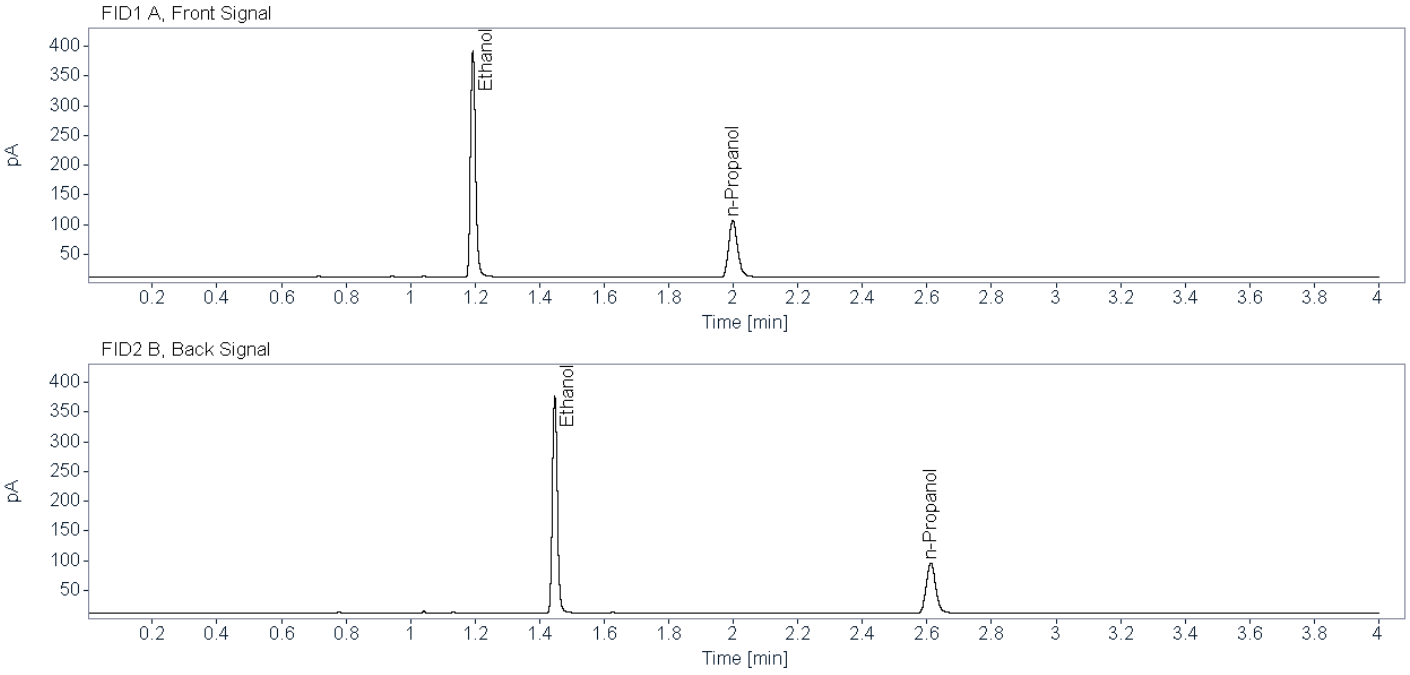
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86939	1.445	1.446	389.5337	0.3748
n-Propanol	0.88095	2.610	2.610	178.4748	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1309 001_001 (24-1829) **Description:** Alq 2 **Sample Barcode** 24-1829 **Vial Number:** 49

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 2:30:19 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\049F4901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80809	1.193	1.192	418.7894	0.3911
n-Propanol	0.79977	1.999	1.998	185.0848	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.86397	1.447	1.446	392.6104	0.3902
n-Propanol	0.87659	2.612	2.610	172.7556	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1310 001_001

Batch Name: BAC_20240829_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0396	Aliquot 1:	0.0401
	Aliquot 2:	0.0389	Aliquot 2:	0.0397

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

Reported UM: **0.006** **g/100 mL**

Comments:

Previously analyzed in BAC_20240819_KB -KB 9/13/2024

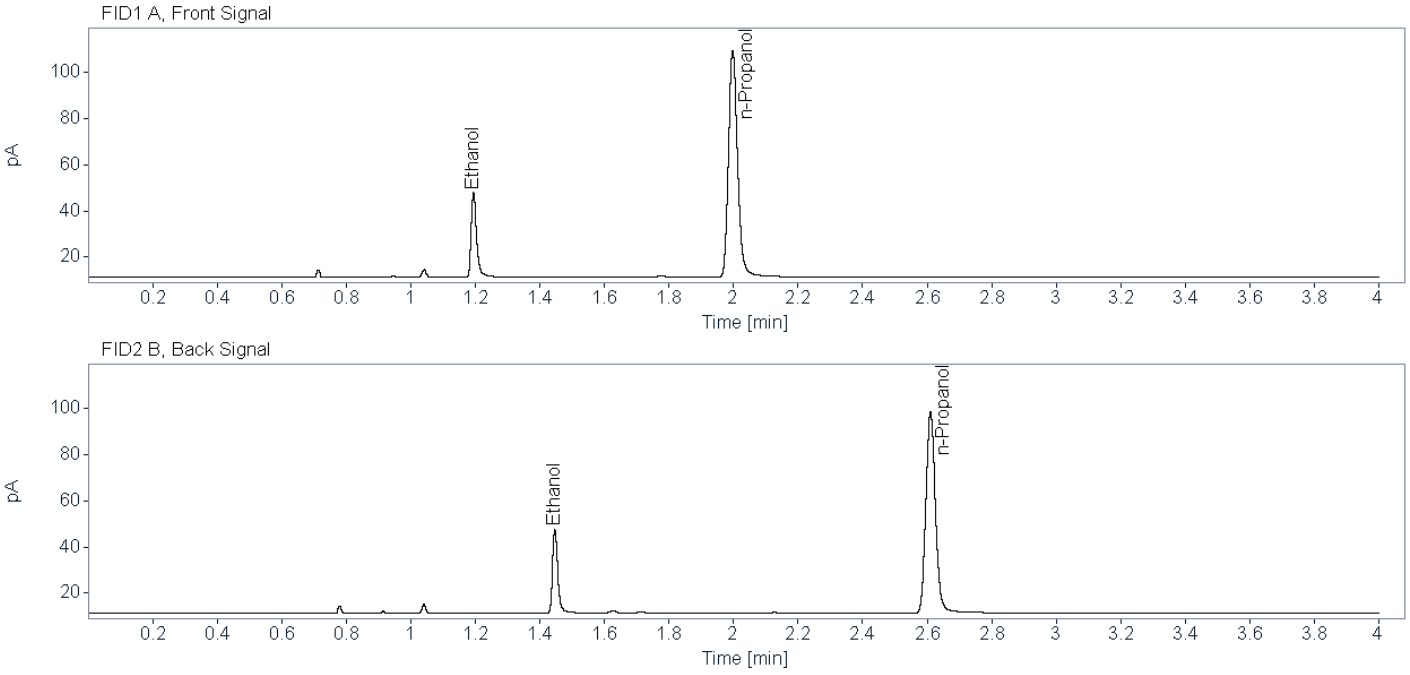
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1310 001_001 (24-1798) **Description:** Alq 1 **Sample Barcode** 24-1798 **Vial Number:** 18

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 11:48:49 AM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\018F1801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71209	1.194	1.192	41.9654	0.0396
n-Propanol	0.81415	1.997	1.998	189.2375	0.0100

Name FID2B

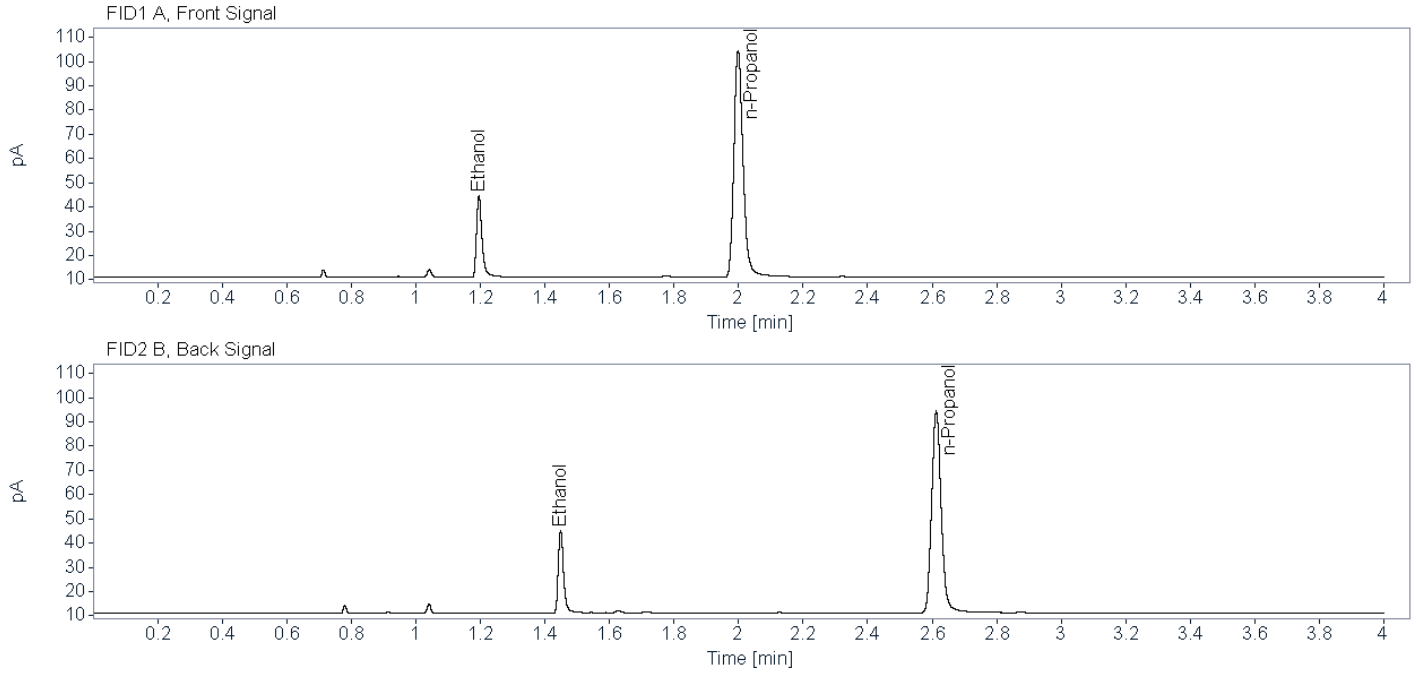
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76091	1.447	1.446	40.1562	0.0401
n-Propanol	0.87805	2.610	2.610	176.8187	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1310 001_001 (24-1828) **Description:** Alq 2 **Sample Barcode** 24-1828 **Vial Number:** 48

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 2:24:48 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\048F4801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69719	1.196	1.192	39.2625	0.0389
n-Propanol	0.80023	1.999	1.998	180.3798	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74764	1.449	1.446	37.8757	0.0397
n-Propanol	0.86094	2.612	2.610	168.6174	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1312 001_001

Batch Name: BAC_20240829_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2267	Aliquot 1:	0.2253
	Aliquot 2:	0.2289	Aliquot 2:	0.2289

Reported Result: **0.227** **g/100 mL**

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

Comments:

Previously analyzed in BAC_20240819_KB -KB 9/13/2024

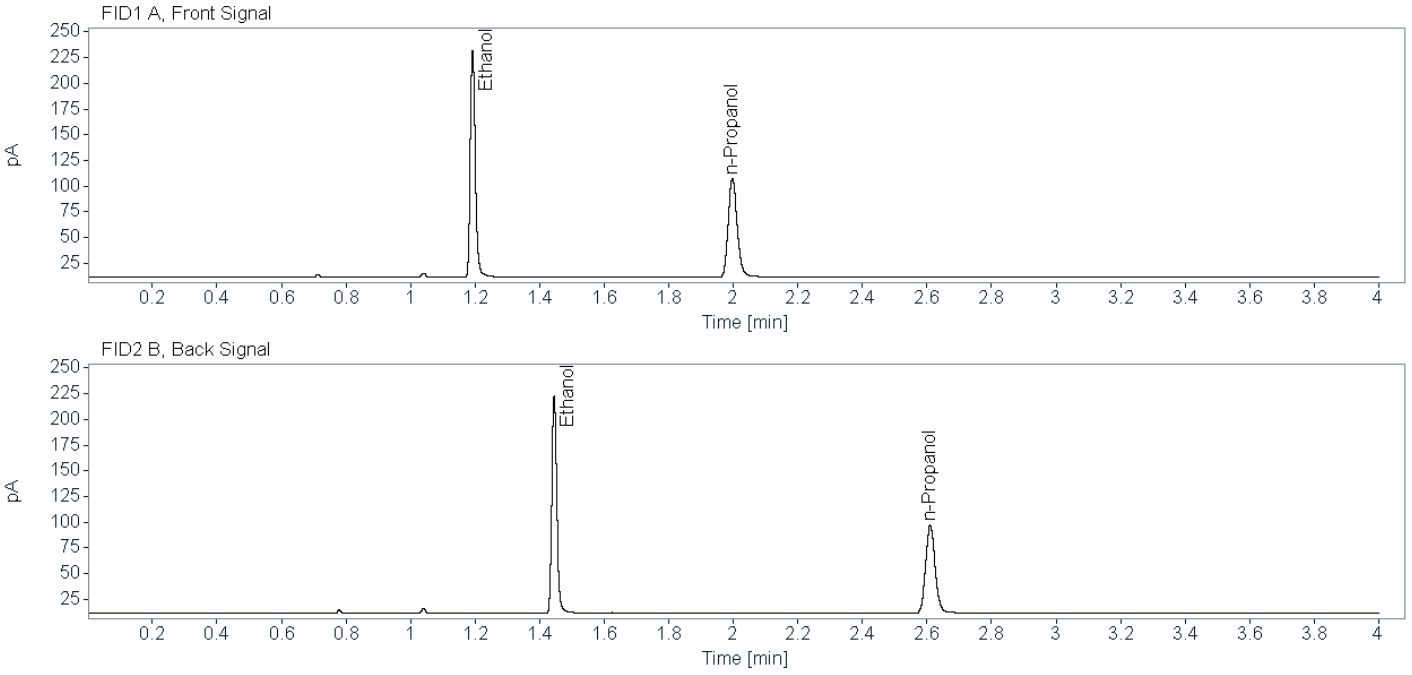
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1312 001_001 (24-1799) **Description:** Alq 1 **Sample Barcode** 24-1799 **Vial Number:** 19

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 11:54:20 AM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\019F1901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77995	1.192	1.192	241.6605	0.2267
n-Propanol	0.80962	1.997	1.998	184.7216	0.0100

Name FID2B

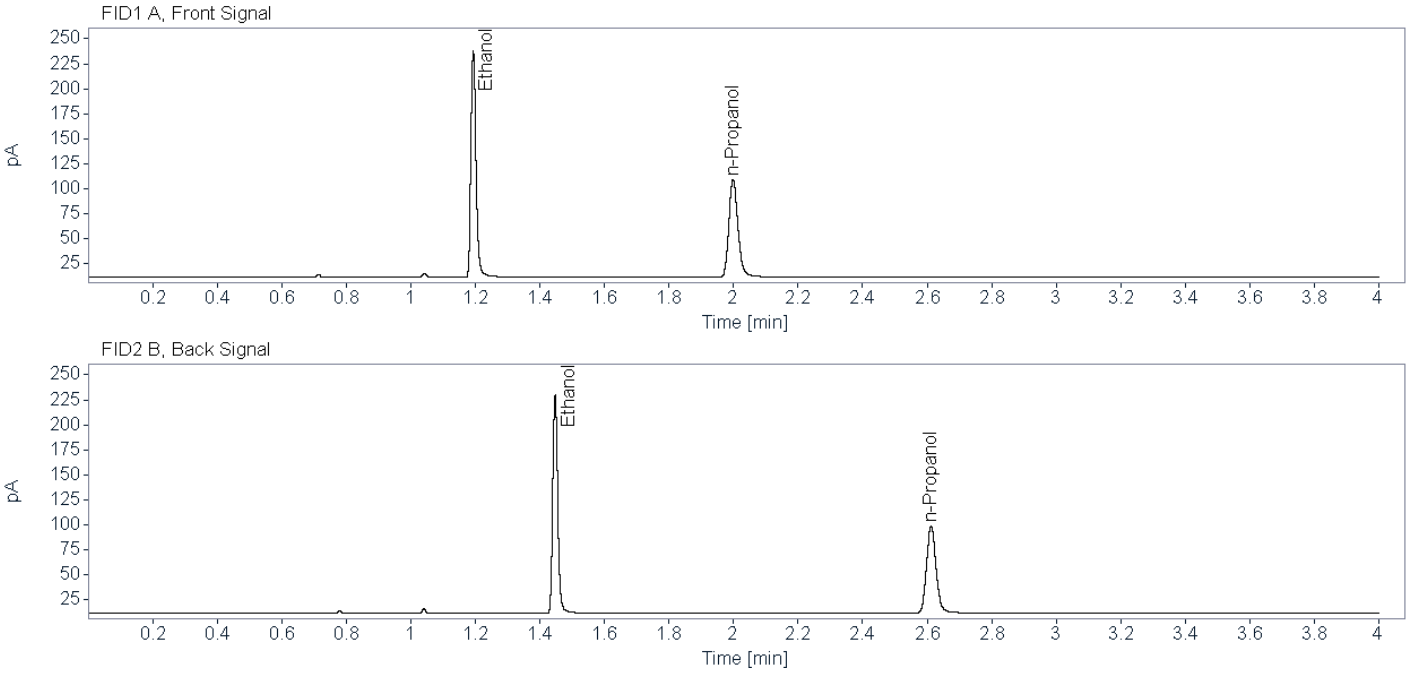
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82761	1.445	1.446	226.6708	0.2253
n-Propanol	0.87132	2.610	2.610	173.1565	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1312 001_001 (24-1827) **Description:** Alq 2 **Sample Barcode** 24-1827 **Vial Number:** 47

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 2:19:55 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\047F4701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.78911	1.194	1.192	250.3676	0.2289
n-Propanol	0.80569	1.999	1.998	189.5413	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82262	1.447	1.446	235.7266	0.2289
n-Propanol	0.86041	2.612	2.610	177.2402	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1313 001_001

Batch Name: BAC_20240829_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1857	Aliquot 1:	0.1857
	Aliquot 2:	0.1866	Aliquot 2:	0.1870

Reported Result: 0.186 g/100 mL

Reported UM: 0.027 g/100 mL

Comments:

Previously analyzed in BAC_20240819_KB -KB 9/13/2024

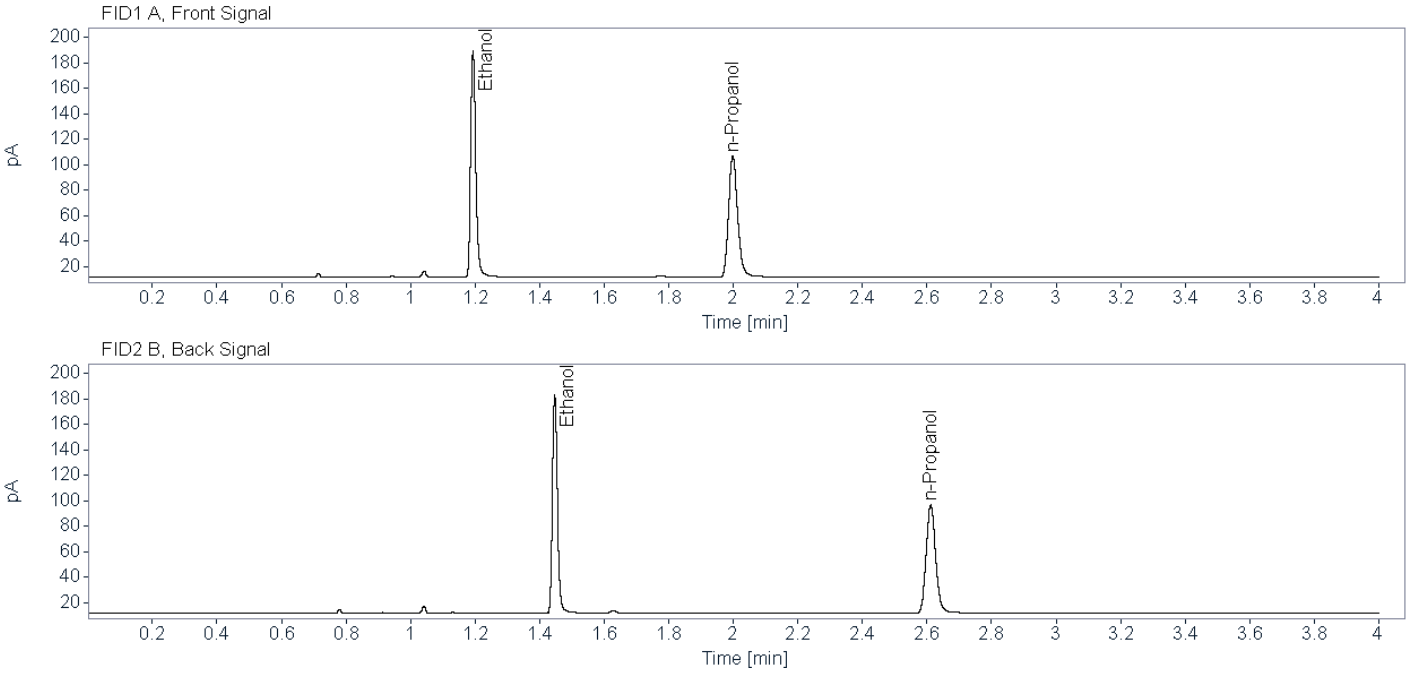
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1313 001_001 (24-1800) **Description:** Alq 1 **Sample Barcode** 24-1800 **Vial Number:** 20

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 11:59:12 AM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\020F2001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76590	1.194	1.192	197.1558	0.1857
n-Propanol	0.81681	1.998	1.998	184.2834	0.0100

Name FID2B

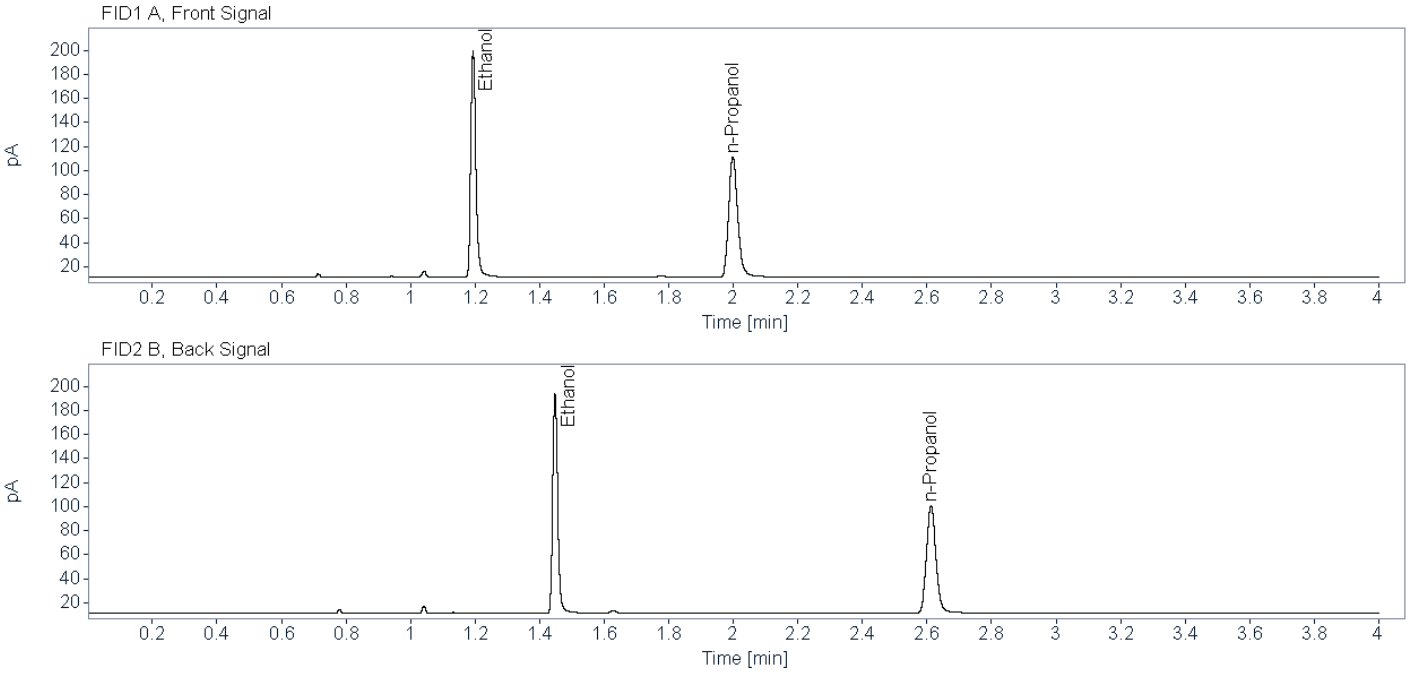
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81488	1.447	1.446	185.3527	0.1857
n-Propanol	0.88243	2.612	2.610	172.0016	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1313 001_001 (24-1826) **Description:** Alq 2 **Sample Barcode** 24-1826 **Vial Number:** 46

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 2:14:24 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\046F4601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76609	1.194	1.192	208.8588	0.1866
n-Propanol	0.80469	1.999	1.998	194.2512	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83396	1.448	1.446	196.6421	0.1870
n-Propanol	0.86239	2.613	2.610	181.1645	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1314 001_001

Batch Name: BAC_20240829_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0896	Aliquot 1:	0.0898
	Aliquot 2:	0.0903	Aliquot 2:	0.0907

Reported Result: **0.090** **g/100 mL**

Reported UM: **0.013** **g/100 mL**

Comments:

Previously analyzed in BAC_20240819_KB -KB 9/13/2024

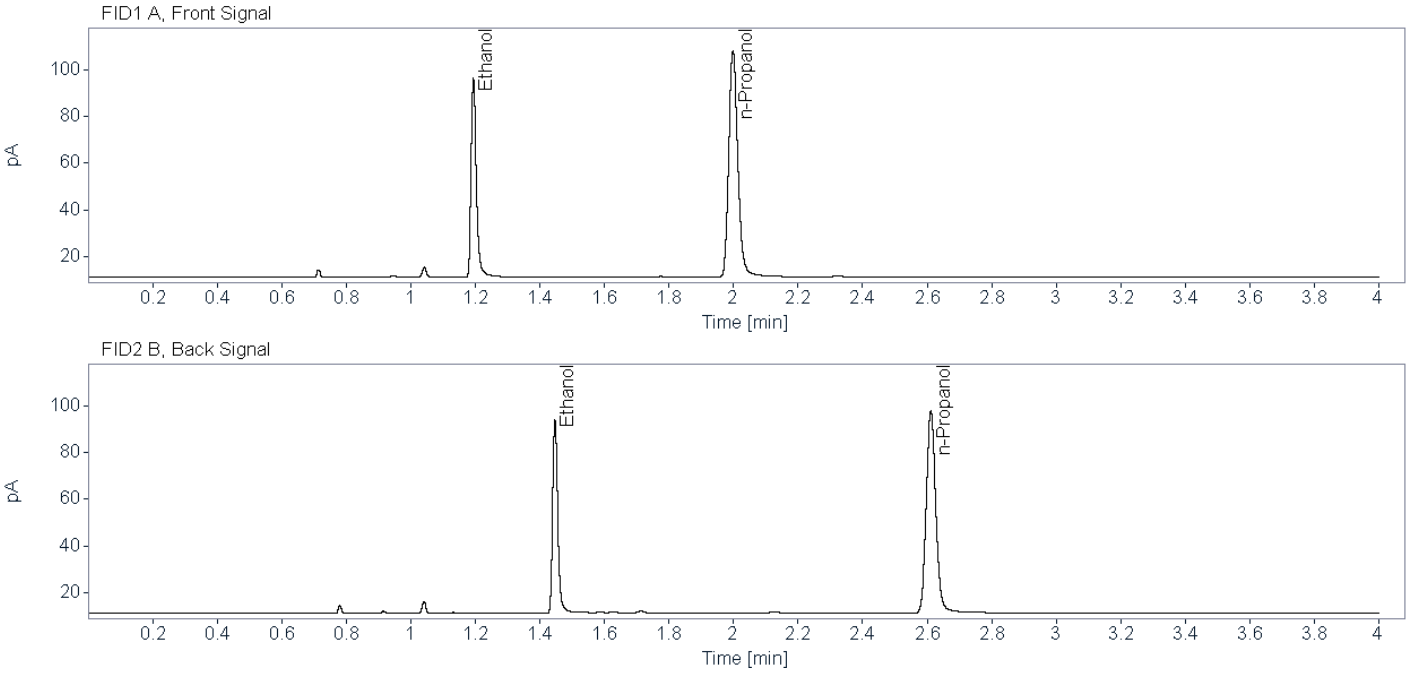
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1314 001_001 (24-1801) **Description:** Alq 1 **Sample Barcode** 24-1801 **Vial Number:** 21

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 12:04:43 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\021F2101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.73443	1.194	1.192	95.3974	0.0896
n-Propanol	0.80706	1.998	1.998	186.3365	0.0100

Name FID2B

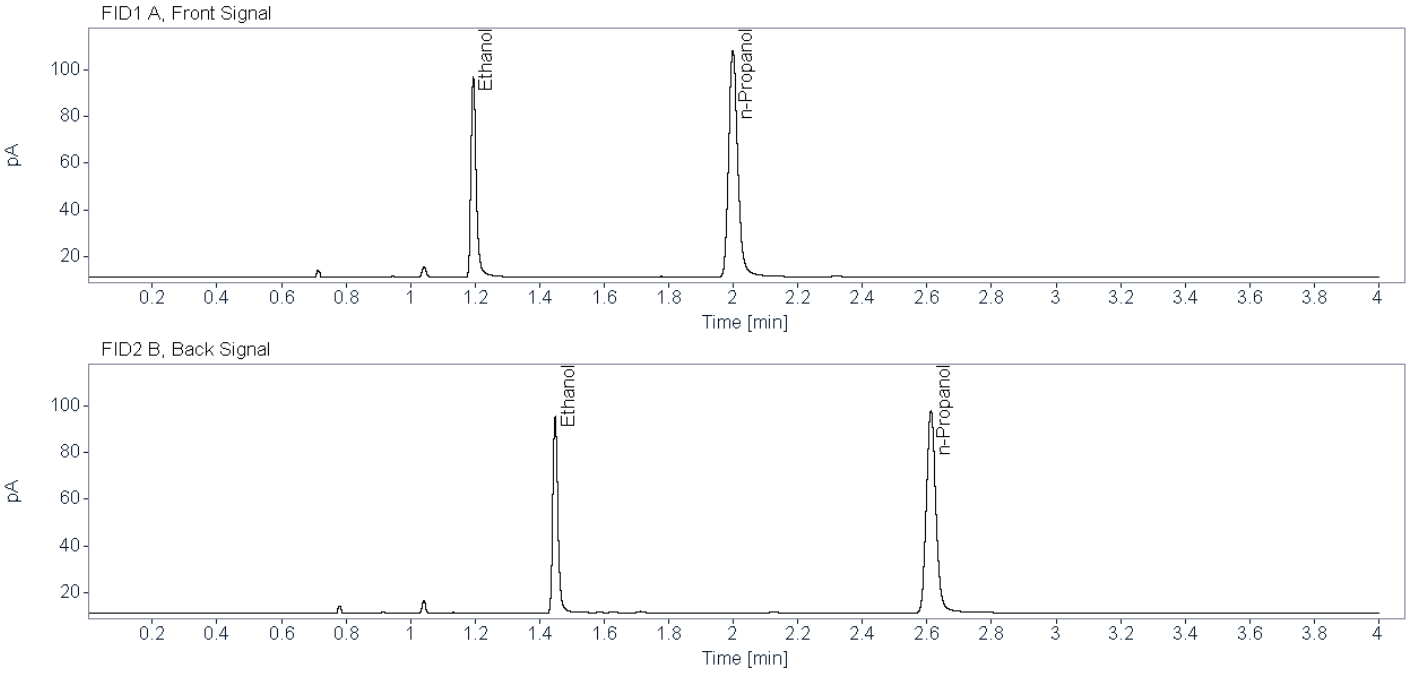
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79218	1.447	1.446	90.3966	0.0898
n-Propanol	0.88186	2.611	2.610	174.7120	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1314 001_001 (24-1825) **Description:** Alq 2 **Sample Barcode** 24-1825 **Vial Number:** 45

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 2:09:31 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\045F4501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74333	1.195	1.192	96.8457	0.0903
n-Propanol	0.80098	1.999	1.998	187.7122	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77884	1.448	1.446	91.9003	0.0907
n-Propanol	0.87515	2.612	2.610	175.7495	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1324 001_001

Batch Name: BAC_20240829_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0336	Aliquot 1:	0.0341
	Aliquot 2:	0.0375	Aliquot 2:	0.0379

Reported Result: 0.035 g/100 mL

Reported UM: 0.005 g/100 mL

Comments:

Previously analyzed in BAC_20240819_KB -KB 9/13/2024

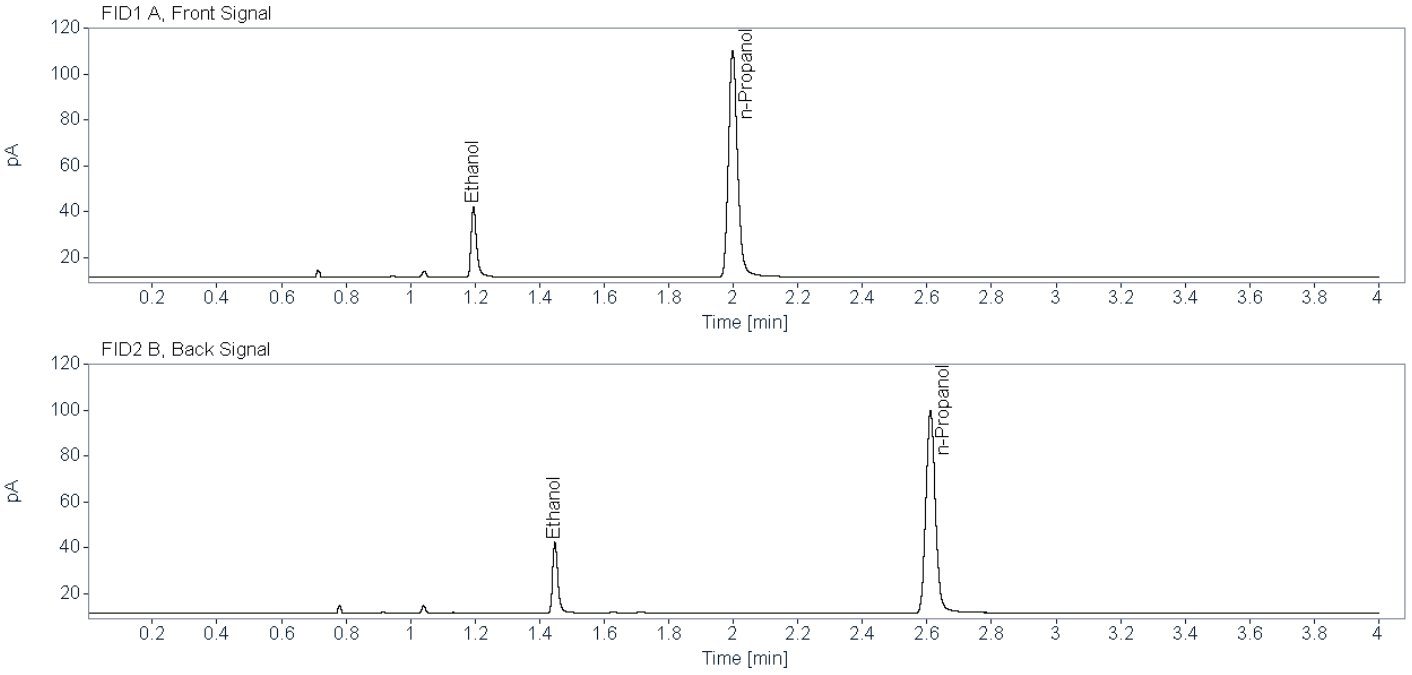
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1324 001_001 (24-1803) **Description:** Alq 1 **Sample Barcode** **Vial Number:** 23

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 12:15:07 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\023F2301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70598	1.195	1.192	35.7124	0.0336
n-Propanol	0.81824	1.998	1.998	191.0309	0.0100

Name FID2B

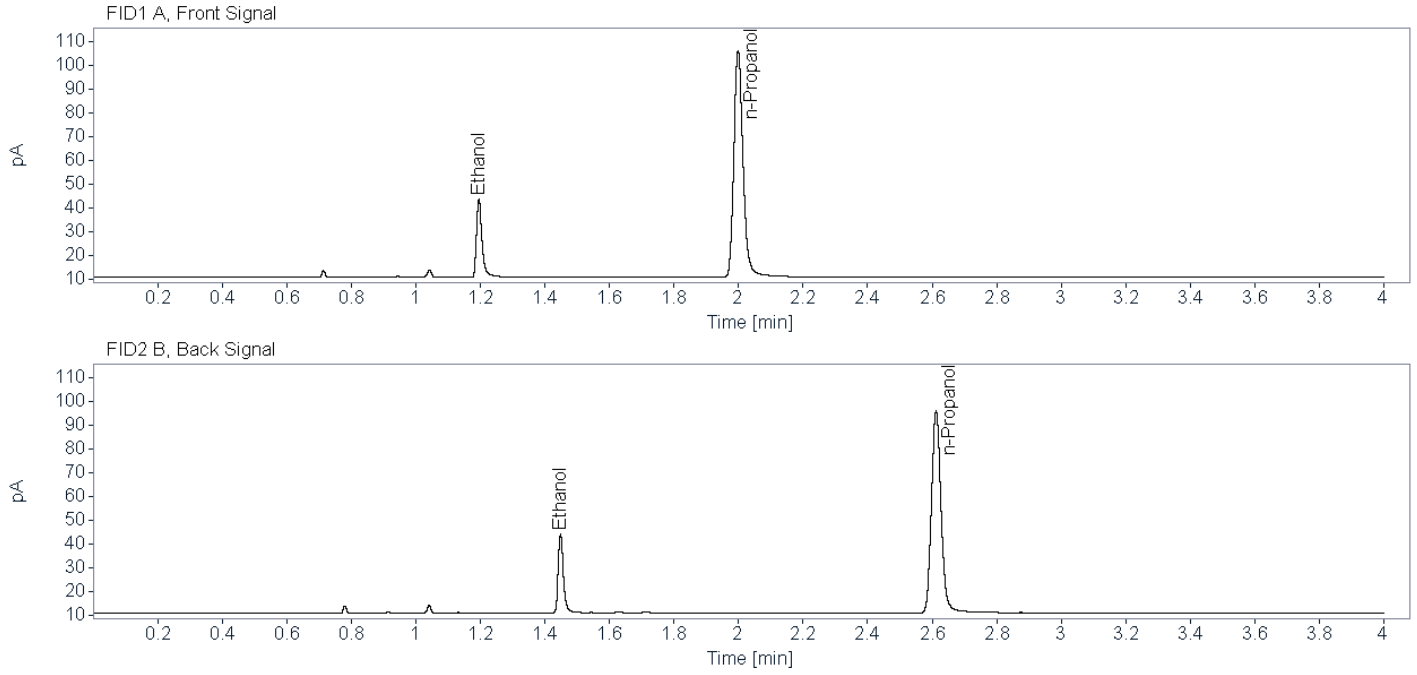
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76416	1.448	1.446	34.3623	0.0341
n-Propanol	0.87773	2.611	2.610	178.7641	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1324 001_001 (24-1823) **Description:** Alq 1 2 -KB 9/13/2024 **Sample Barcode** 24-1823 **Vial Number:** 43

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 1:59:07 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\043F4301.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70494	1.196	1.192	38.4197	0.0375
n-Propanol	0.80512	1.999	1.998	183.6487	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76099	1.449	1.446	36.8833	0.0379
n-Propanol	0.86047	2.612	2.610	172.0016	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1327 001_001

Batch Name: BAC_20240829_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0308	Aliquot 1:	0.0312
	Aliquot 2:	0.0305	Aliquot 2:	0.0312

Reported Result: **0.030** **g/100 mL**

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

Comments:

Previously analyzed in BAC_20240819_KB -KB 9/13/2024

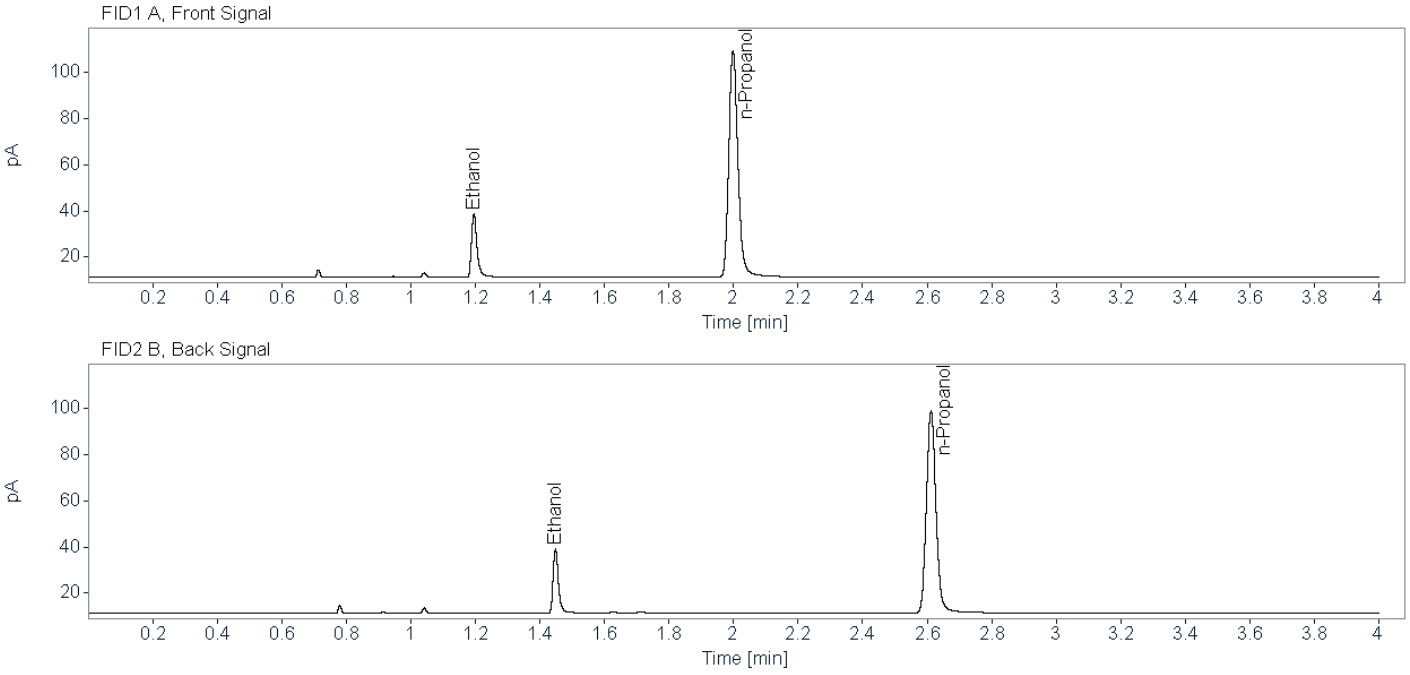
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1327 001_001 (24-1804) **Description:** Alq 1 **Sample Barcode** 24-1804 **Vial Number:** 24

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 12:20:00 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\024F2401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.71036	1.196	1.192	32.3119	0.0308
n-Propanol	0.80984	1.998	1.998	189.3327	0.0100

Name FID2B

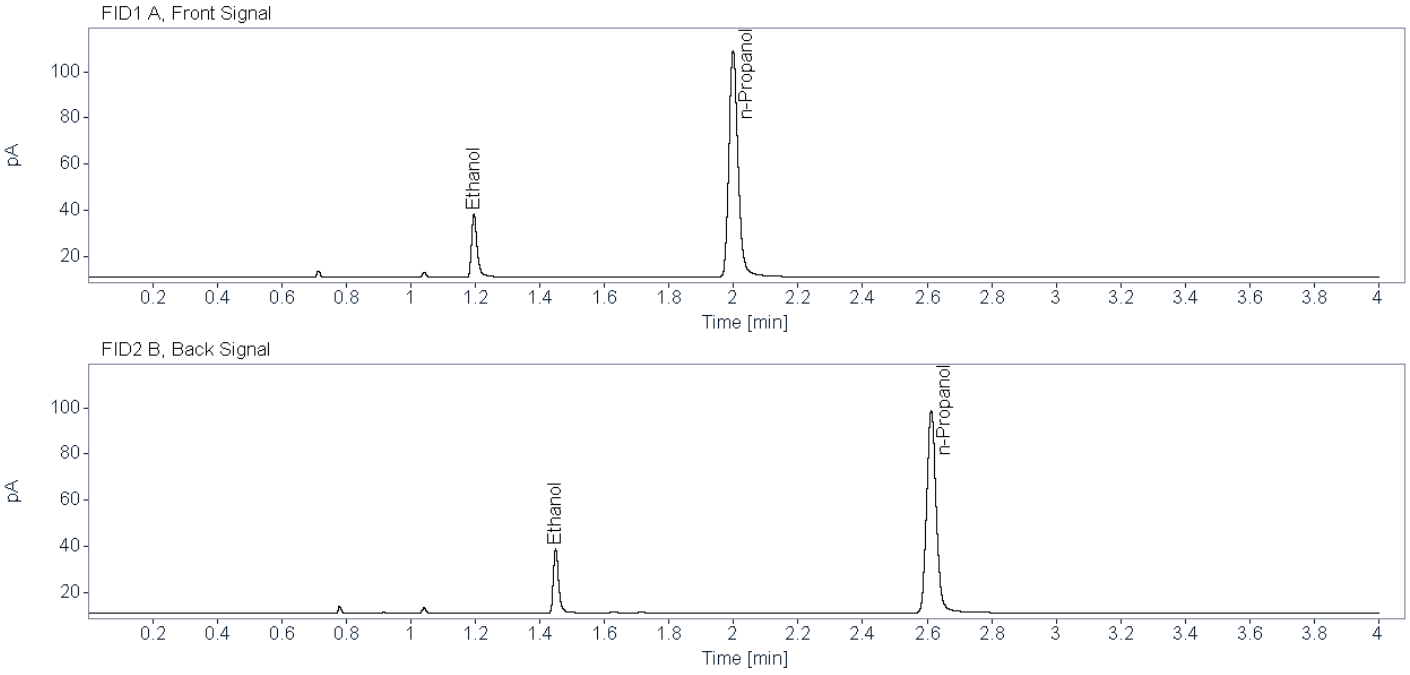
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75974	1.448	1.446	31.0558	0.0312
n-Propanol	0.86910	2.612	2.610	177.3082	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1327 001_001 (24-1822) **Description:** Alq 1 2 -KB 9/13/2024 **Sample Barcode** 24-1822 **Vial Number:** 42

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 1:53:36 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\042F4201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.69781	1.196	1.192	32.0000	0.0305
n-Propanol	0.80640	1.999	1.998	189.2251	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75004	1.449	1.446	30.9962	0.0312
n-Propanol	0.86767	2.613	2.610	177.0563	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1329 001_001

Batch Name: BAC_20240829_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1528	Aliquot 1:	0.1522
	Aliquot 2:	0.1579	Aliquot 2:	0.1578

Reported Result: **0.155** **g/100 mL**

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

Comments:

Previously analyzed in BAC_20240819_KB -KB 9/13/2024

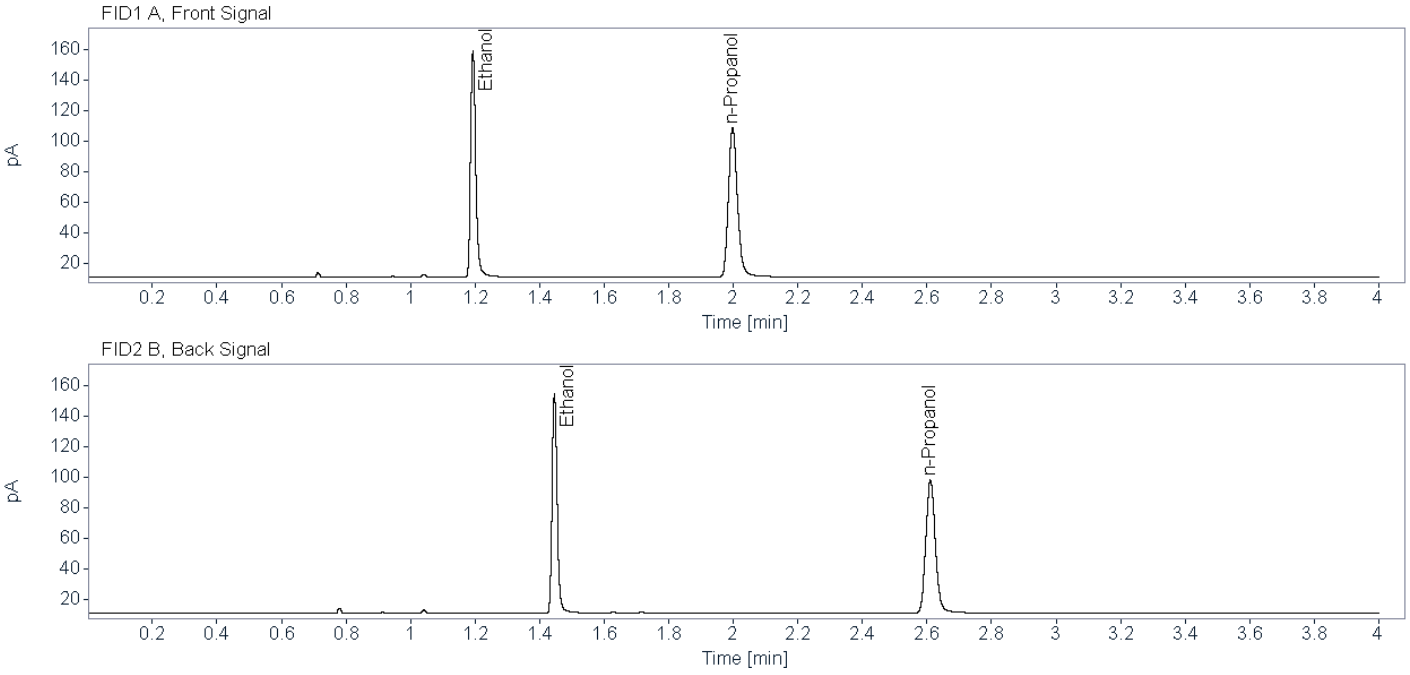
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1329 001_001 (24-1805) **Description:** Alq 1 **Sample Barcode** 24-1805 **Vial Number:** 25

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 12:25:31 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\025F2501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75037	1.193	1.192	165.1474	0.1528
n-Propanol	0.81183	1.998	1.998	187.8690	0.0100

Name FID2B

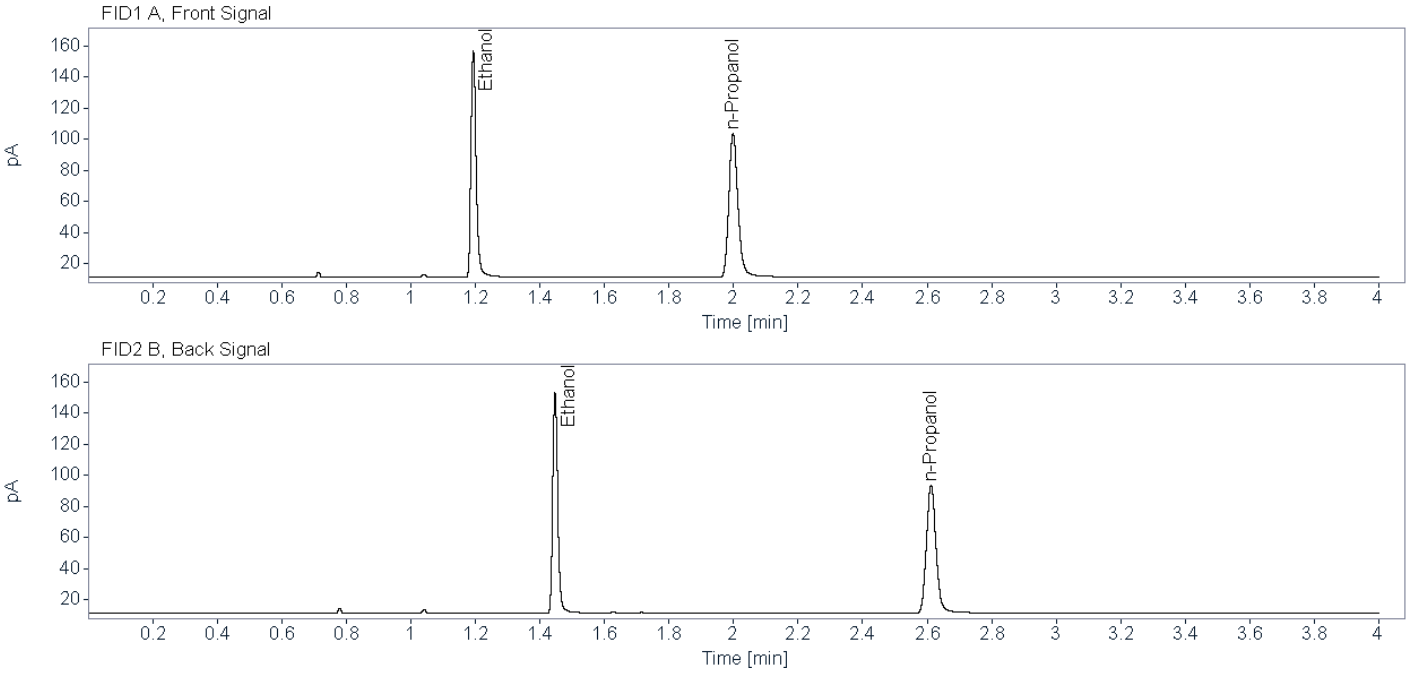
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80794	1.446	1.446	155.3407	0.1522
n-Propanol	0.87573	2.611	2.610	176.1064	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1329 001_001 (24-1821) **Description:** Alq 1 2 -KB 9/13/2024 **Sample Barcode** 24-1821 **Vial Number:** 41

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 1:48:44 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\041F4101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76772	1.194	1.192	162.3577	0.1579
n-Propanol	0.80314	1.998	1.998	178.6462	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82027	1.447	1.446	153.1497	0.1578
n-Propanol	0.85845	2.612	2.610	167.4255	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1330 003_001

Batch Name: BAC_20240829_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1397	Aliquot 1:	0.1394
	Aliquot 2:	0.1429	Aliquot 2:	0.1432

Reported Result: 0.141 g/100 mL

Reported UM: 0.020 g/100 mL

Comments:

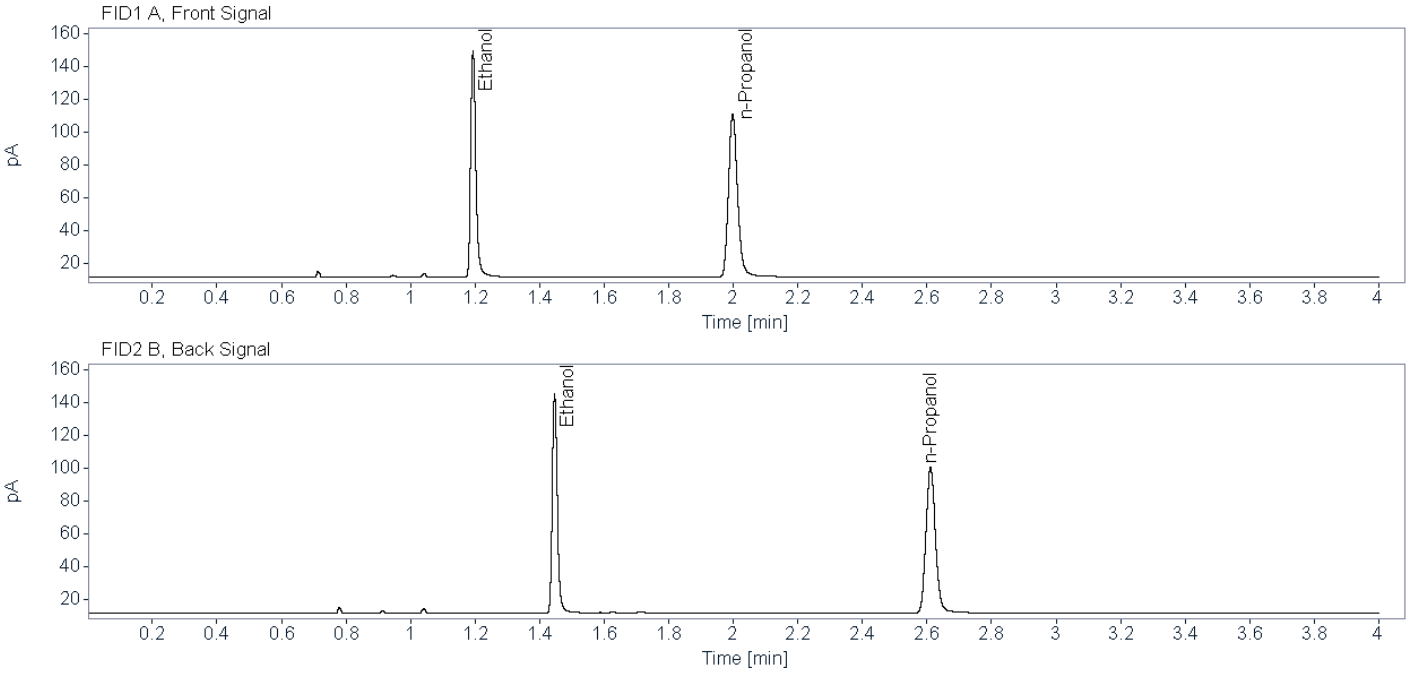
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1330 003_001 (24-1806) **Description:** Alq 1 **Sample Barcode** 24-1806 **Vial Number:** 26

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 12:30:24 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\026F2601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74915	1.194	1.192	154.2514	0.1397
n-Propanol	0.81525	1.998	1.998	192.1247	0.0100

Name FID2B

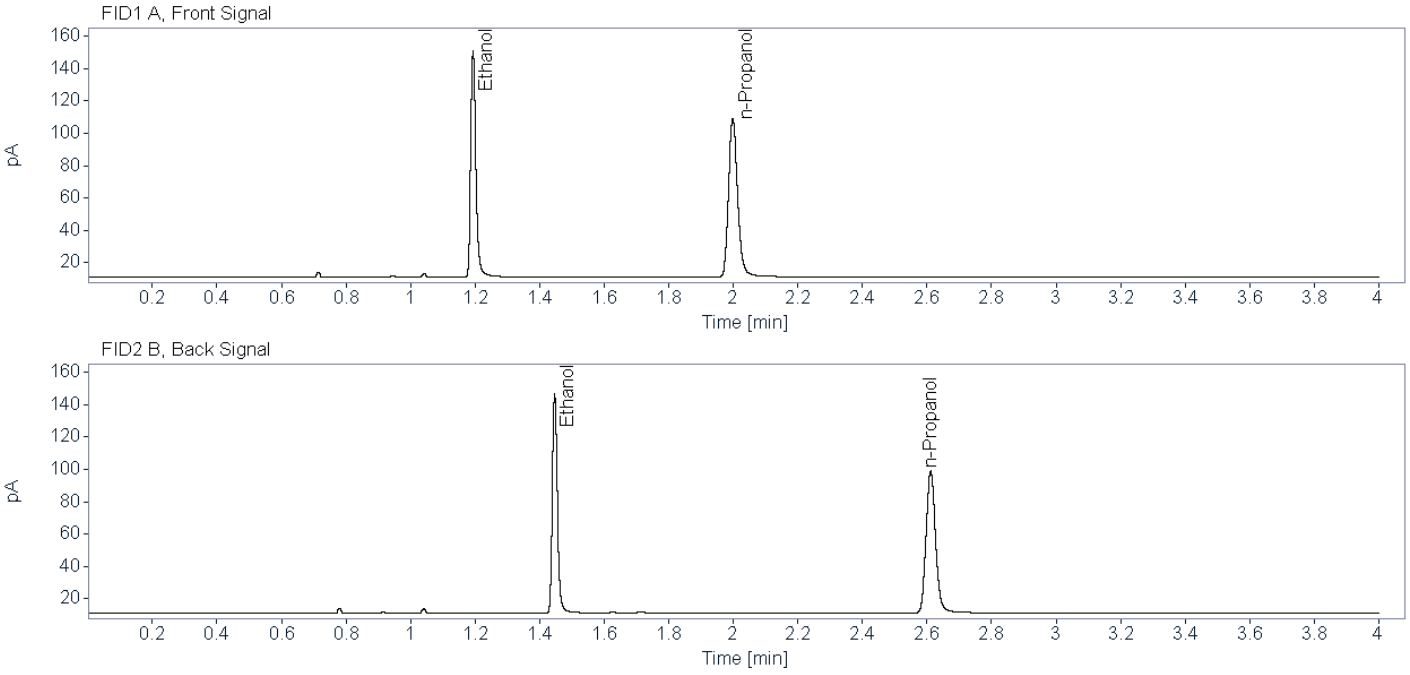
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79509	1.446	1.446	145.3446	0.1394
n-Propanol	0.87871	2.611	2.610	180.0154	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1330 003_001 (24-1820) **Description:** Alq ~~1~~ 2 -KB 9/13/2024 **Sample Barcode** 24-1820 **Vial Number:** 40

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 1:43:12 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\040F4001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74614	1.194	1.192	156.0949	0.1429
n-Propanol	0.81136	1.998	1.998	189.9481	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79549	1.447	1.446	147.2234	0.1432
n-Propanol	0.87530	2.612	2.610	177.5415	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1331 001_001

Batch Name: BAC_20240829_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1410	Aliquot 1:	0.1408
	Aliquot 2:	0.1380	Aliquot 2:	0.1381

Reported Result: 0.139 g/100 mL

Reported UM: 0.020 g/100 mL

Comments:

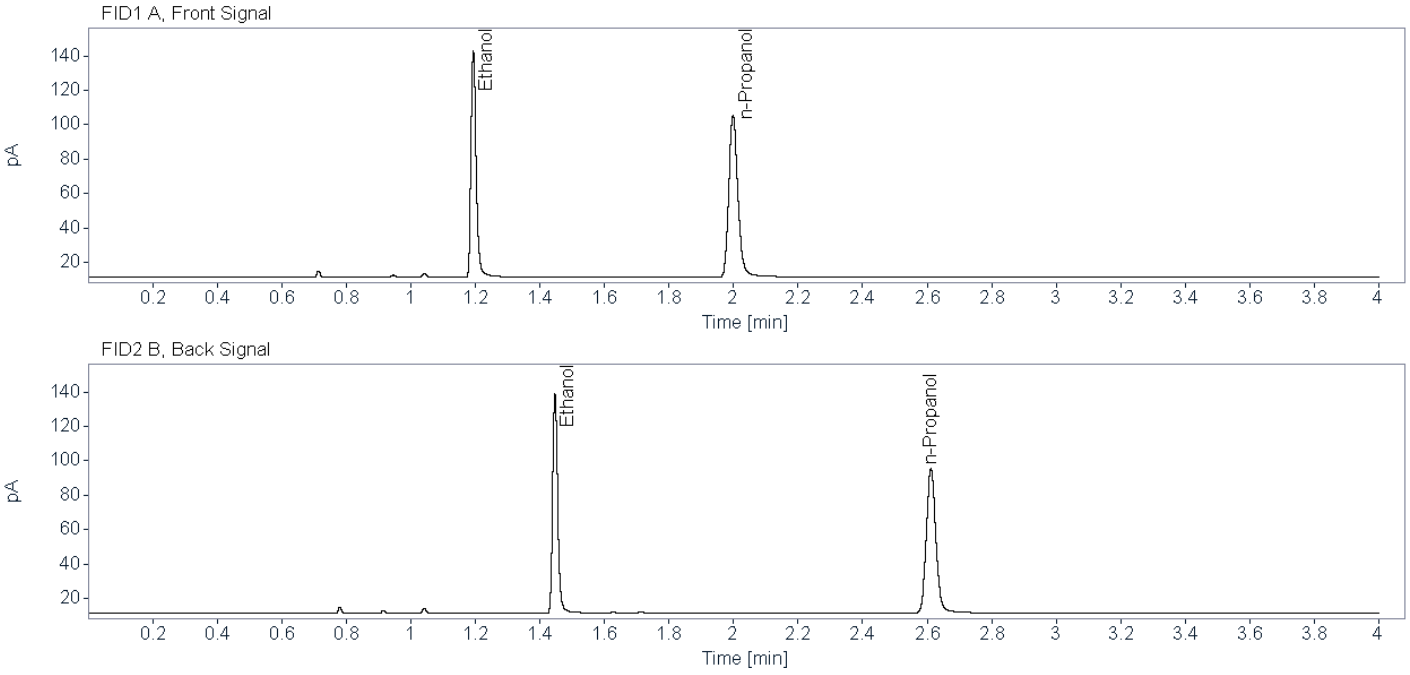
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1331 001_001 (24-1807) **Description:** Alq 1 **Sample Barcode** 24-1807 **Vial Number:** 27

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 12:35:55 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\027F2701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74549	1.194	1.192	147.0667	0.1410
n-Propanol	0.80617	1.998	1.998	181.4146	0.0100

Name FID2B

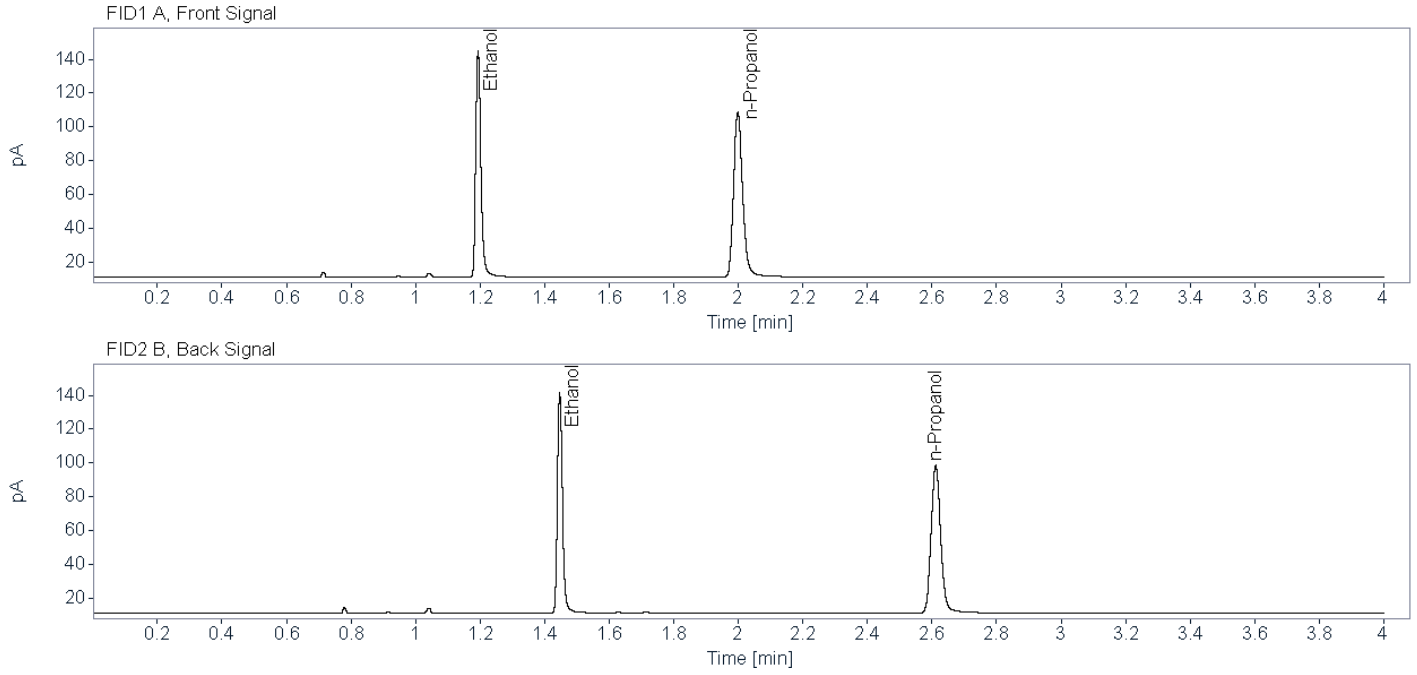
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.81341	1.447	1.446	138.6598	0.1408
n-Propanol	0.87092	2.612	2.610	169.9893	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1331 001_001 (24-1819) **Description:** Alq 1 2 -KB 9/13/2024 **Sample Barcode** 24-1819 **Vial Number:** 39

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 1:38:19 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\039F3901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74729	1.194	1.192	149.6798	0.1380
n-Propanol	0.80279	1.998	1.998	188.7132	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79593	1.447	1.446	141.2740	0.1381
n-Propanol	0.87686	2.612	2.610	176.6582	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1332 007_001

Batch Name: BAC_20240829_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1871	Aliquot 1:	0.1864
	Aliquot 2:	0.1930	Aliquot 2:	0.1923

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

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

Comments:

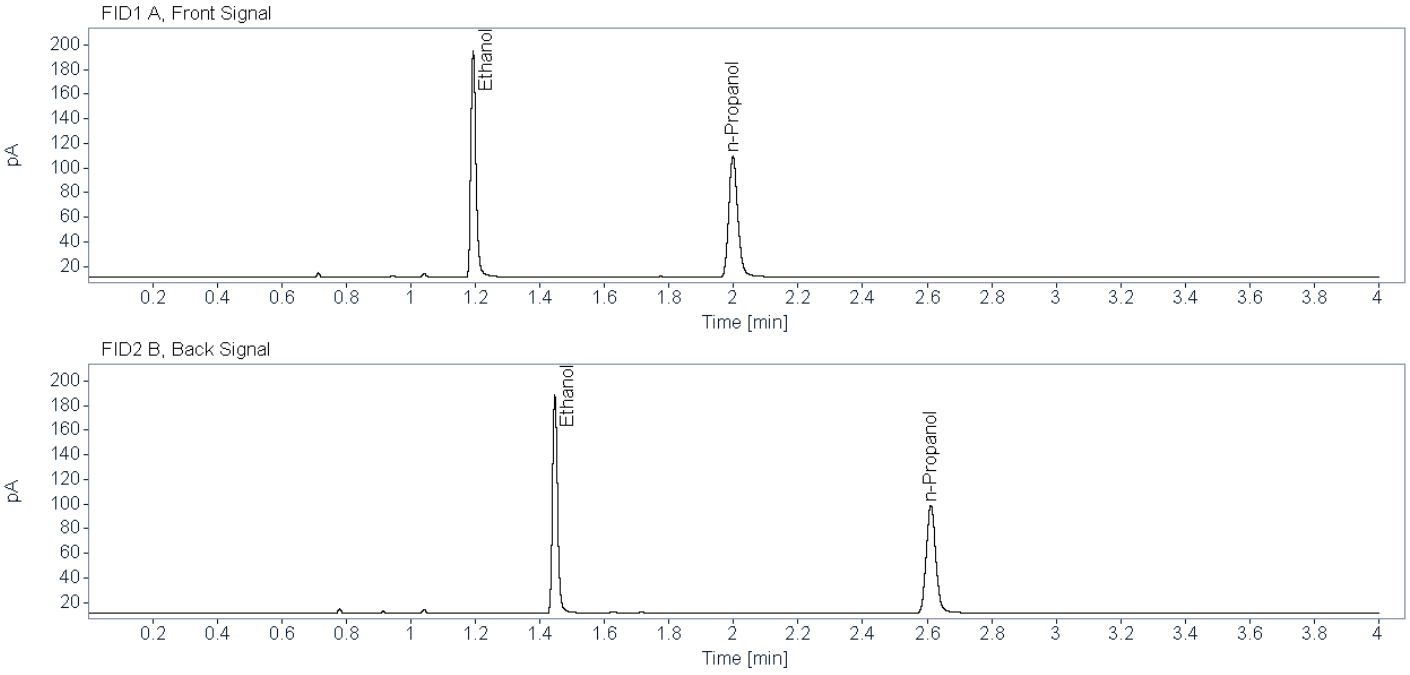
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1332 007_001 (24-1808) **Description:** Alq 1 **Sample Barcode** 24-1808 **Vial Number:** 28

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 12:40:47 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\028F2801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77363	1.193	1.192	203.7434	0.1871
n-Propanol	0.80612	1.998	1.998	189.0079	0.0100

Name FID2B

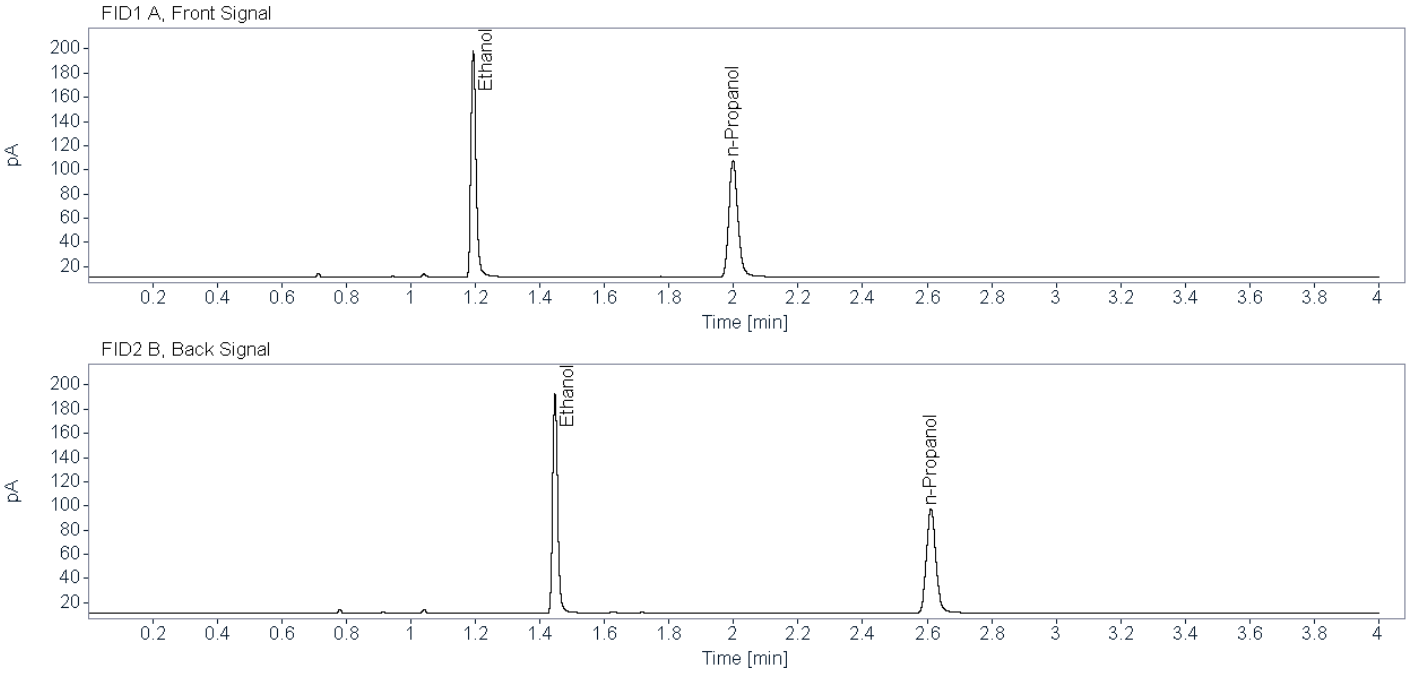
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82110	1.446	1.446	191.6527	0.1864
n-Propanol	0.88447	2.611	2.610	177.1612	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1332 007_001 (24-1818) **Description:** Alq 1 2 -KB 9/16/2024 **Sample Barcode** 24-1818 **Vial Number:** 38

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 1:32:48 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\038F3801.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77801	1.194	1.192	207.4471	0.1930
n-Propanol	0.80273	1.998	1.998	186.4760	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.83031	1.447	1.446	195.3062	0.1923
n-Propanol	0.85578	2.612	2.610	174.9378	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1333 001_001

Batch Name: BAC_20240829_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.0428	Aliquot 1:	0.0433
	Aliquot 2:	0.0428	Aliquot 2:	0.0433

Reported Result: **0.043** **g/100 mL**

Reported UM: **0.006** **g/100 mL**

Comments:

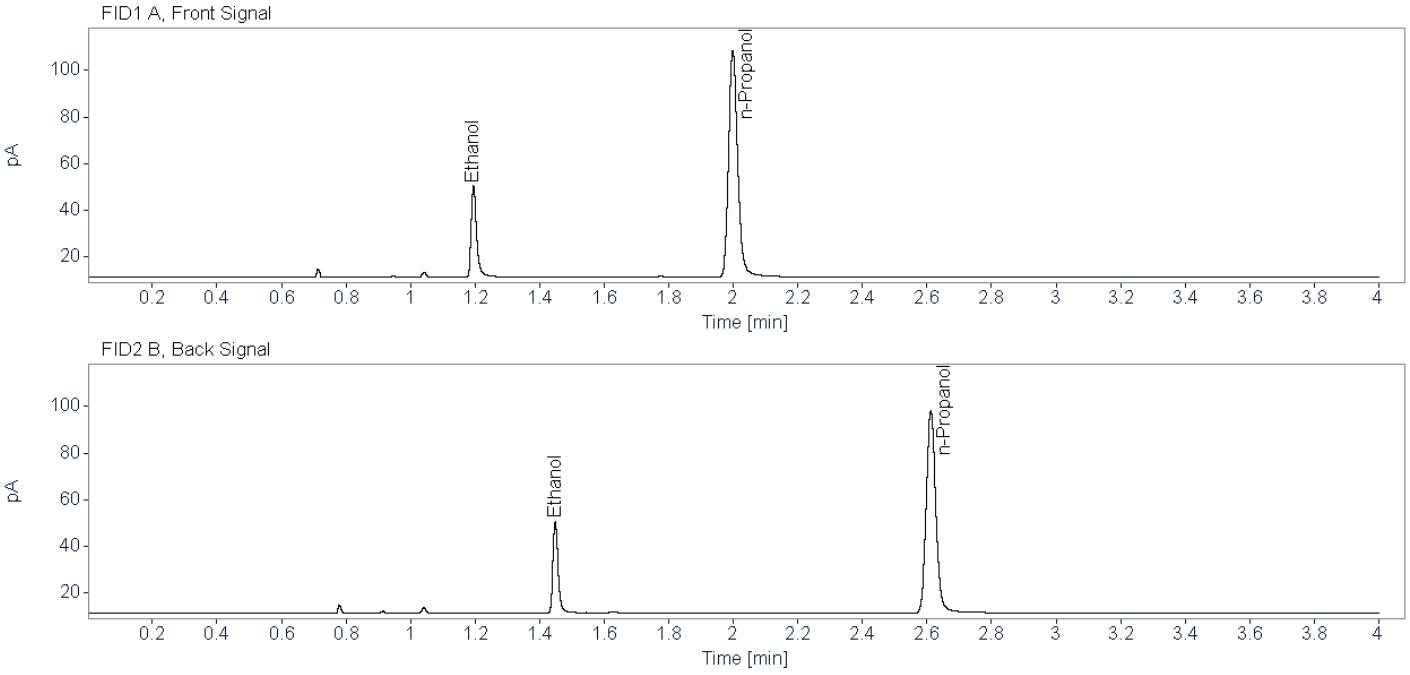
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1333 001_001 (24-1809) **Description:** Alq 1 **Sample Barcode** 24-1809 **Vial Number:** 29

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 12:46:19 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\029F2901.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70980	1.195	1.192	45.2386	0.0428
n-Propanol	0.80262	1.998	1.998	188.0941	0.0100

Name FID2B

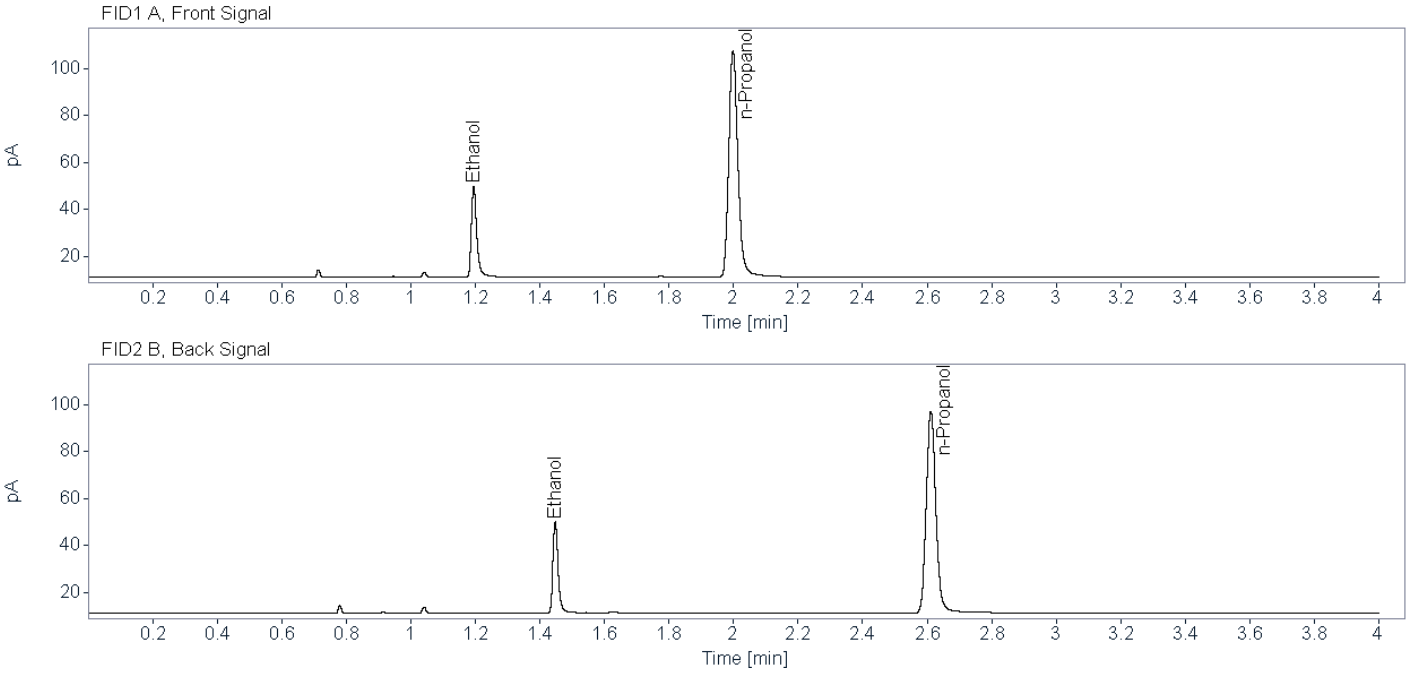
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.76713	1.449	1.446	43.2338	0.0433
n-Propanol	0.87200	2.612	2.610	176.0723	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1333 001_001 (24-1817) **Description:** Alq 1 2 -KB 9/13/2024 **Sample Barcode** 24-1817 **Vial Number:** 37

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 1:27:55 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\037F3701.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.70726	1.195	1.192	44.9114	0.0428
n-Propanol	0.80482	1.998	1.998	187.0997	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75671	1.448	1.446	42.9871	0.0433
n-Propanol	0.86715	2.611	2.610	174.8692	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1334 001_001

Batch Name: BAC_20240829_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.2387	Aliquot 1:	0.2381
	Aliquot 2:	0.2552	Aliquot 2:	0.2544

Reported Result: **0.246** **g/100 mL**

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

Comments:

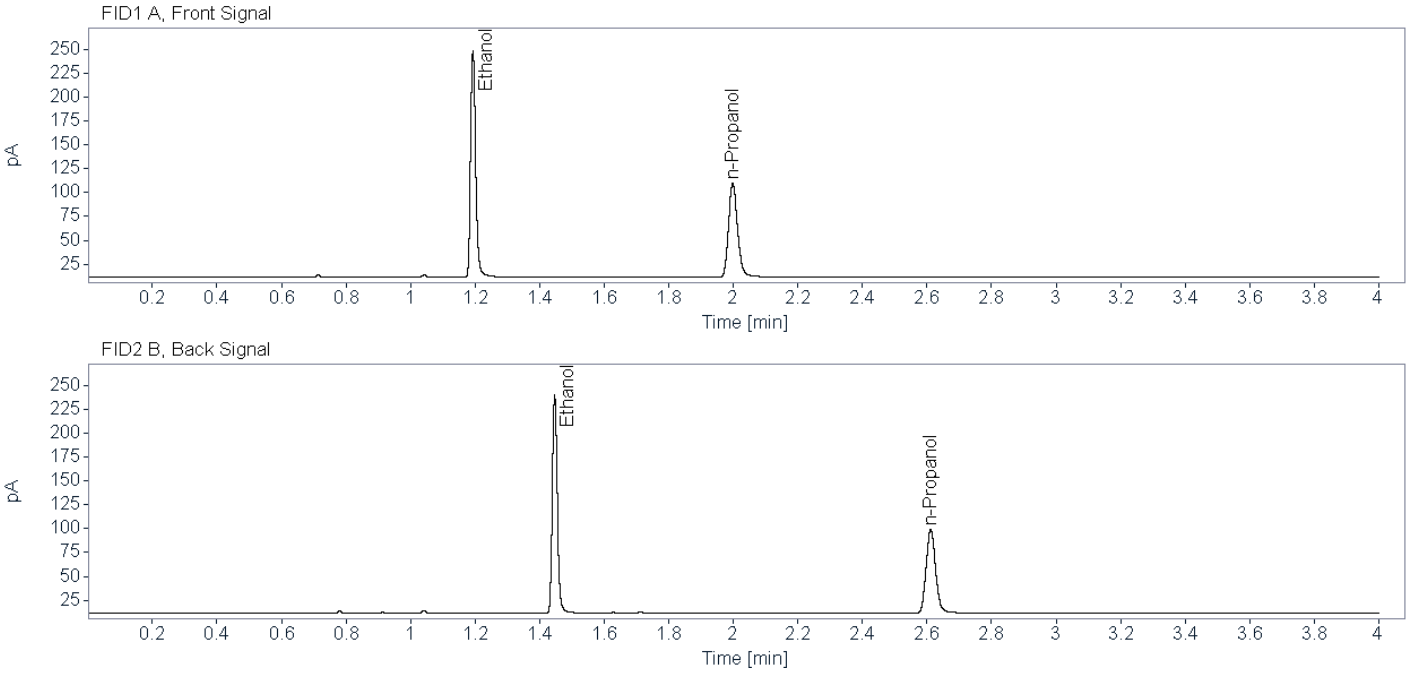
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1334 001_001 (24-1810) **Description:** Alq 1 **Sample Barcode** 24-1810 **Vial Number:** 30

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 12:51:12 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\030F3001.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77478	1.193	1.192	261.5473	0.2387
n-Propanol	0.81197	1.998	1.998	189.8490	0.0100

Name FID2B

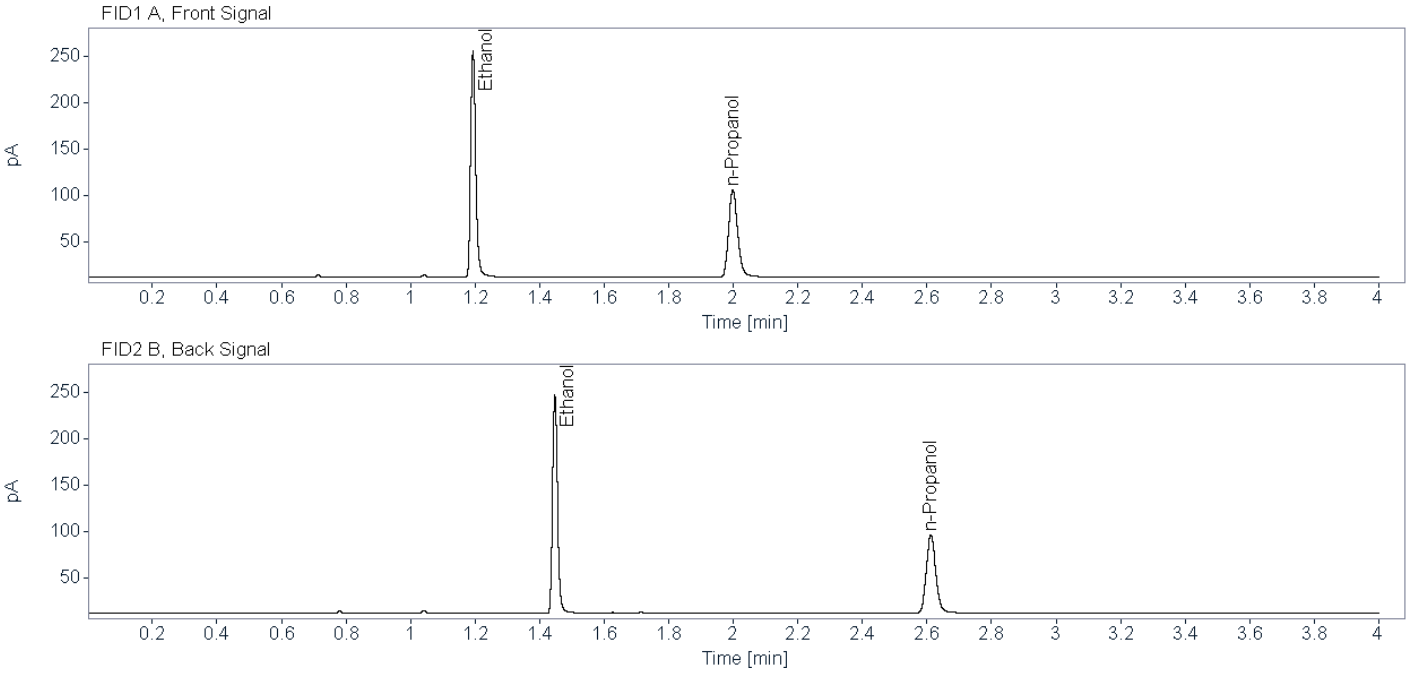
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.82874	1.447	1.446	245.6759	0.2381
n-Propanol	0.87922	2.612	2.610	177.5196	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1334 001_001 (24-1816) **Description:** Alq 1 2 -KB 9/13/2024 **Sample Barcode** 24-1816 **Vial Number:** 36

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 1:22:25 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\036F3601.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77849	1.194	1.192	269.3194	0.2552
n-Propanol	0.80534	1.999	1.998	182.7666	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.84233	1.447	1.446	253.0851	0.2544
n-Propanol	0.87247	2.612	2.610	171.1252	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1341 001_001

Batch Name: BAC_20240829_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1118	Aliquot 1:	0.1121
	Aliquot 2:	0.1160	Aliquot 2:	0.1163

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

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

Comments:

Previously analyzed in BAC_20240819_KB -KB 9/13/2024

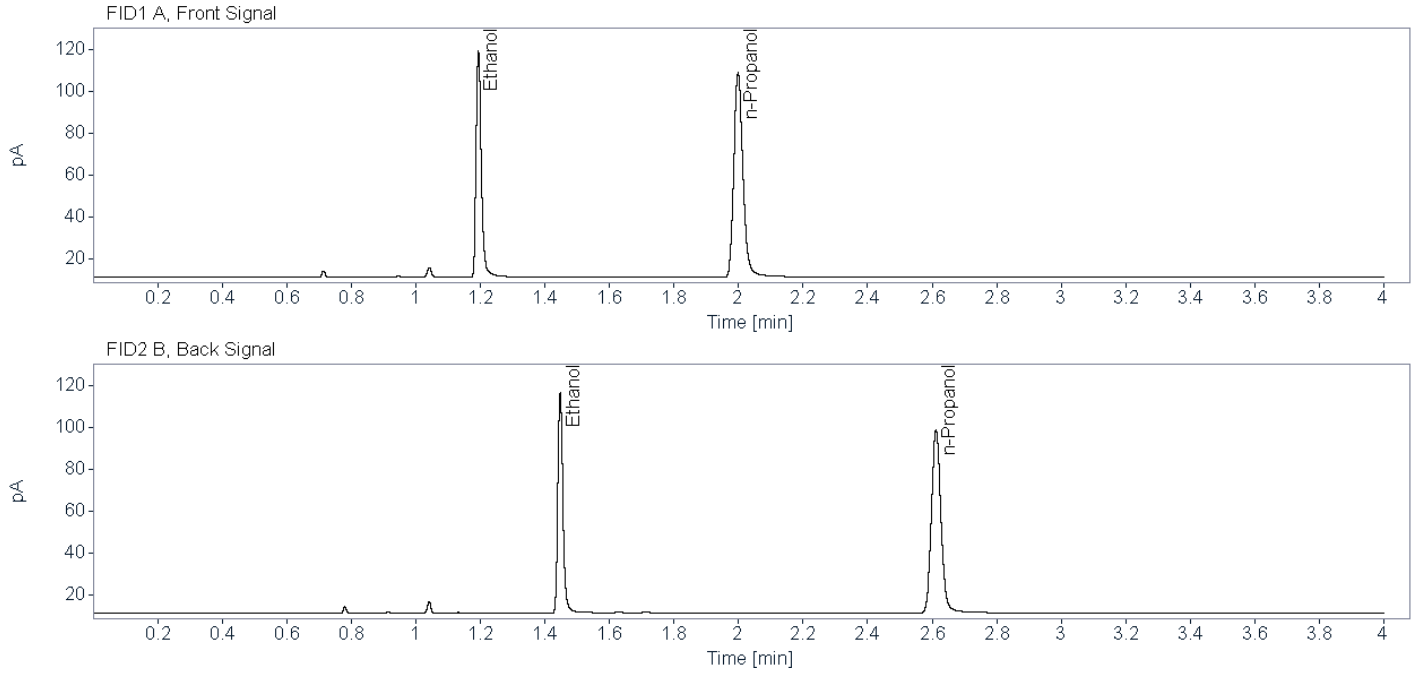
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1341 001_001 (24-1811) **Description:** Alq 1 **Sample Barcode** 24-1811 **Vial Number:** 31

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 12:56:43 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\031F3101.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.74164	1.194	1.192	121.4225	0.1118
n-Propanol	0.80782	1.998	1.998	189.3737	0.0100

Name FID2B

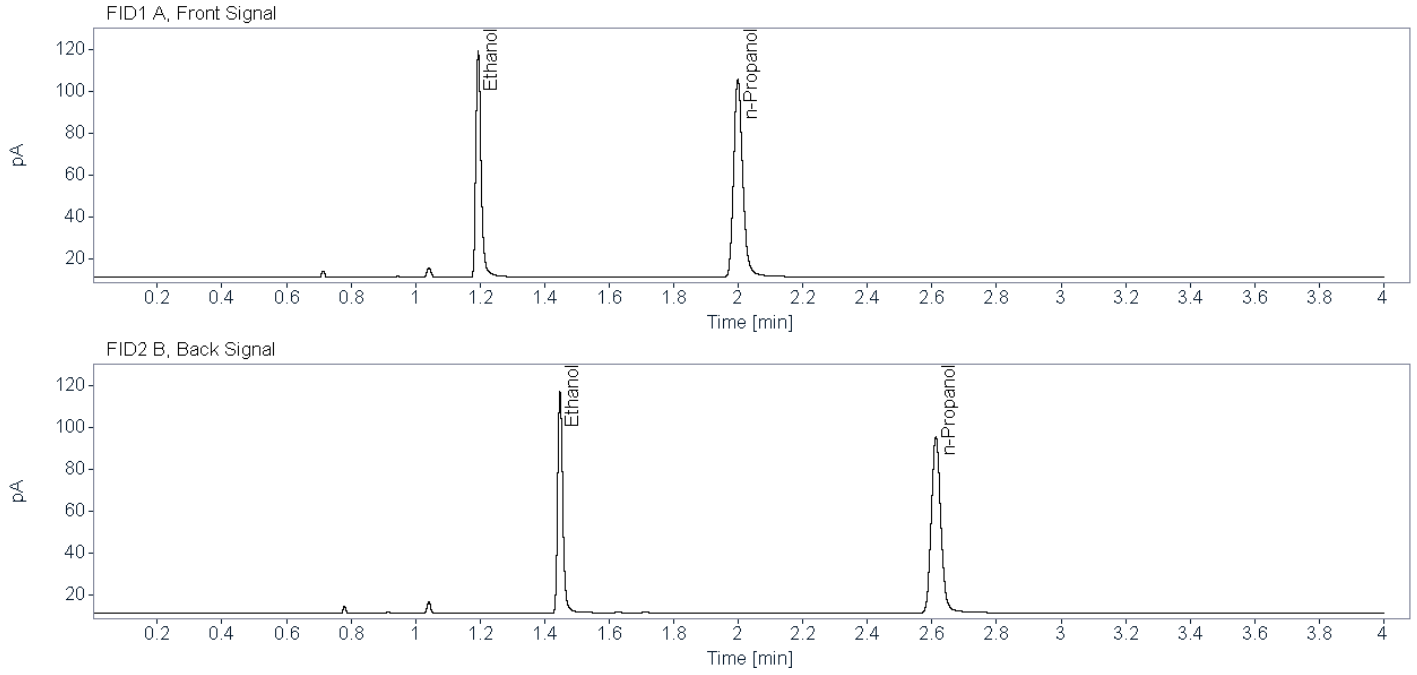
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.79195	1.447	1.446	115.0221	0.1121
n-Propanol	0.86725	2.612	2.610	177.6302	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1341 001_001 (24-1815) **Description:** Alq 1 2 -KB 9/13/2024 **Sample Barcode** 24-1815 **Vial Number:** 35

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 1:17:31 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\035F3501.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75244	1.194	1.192	121.6152	0.1160
n-Propanol	0.80571	1.999	1.998	182.8556	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80513	1.448	1.446	115.1842	0.1163
n-Propanol	0.86451	2.612	2.610	171.3829	0.0100

Brazoria County Crime Laboratory

Toxicology

Ethanol Confirmation Worksheet

Lab Number: BCCL-24-1360 001_001

Batch Name: BAC_20240829_KB

Instrument: BAC-1

Analyst: Kayla M. Baylor

Specimen type: ☒ Blood ☐ Liquid ☐ Other: _____

Results:

Ethanol		FID1		FID2
	Aliquot 1:	0.1701	Aliquot 1:	0.1700
	Aliquot 2:	0.1582	Aliquot 2:	0.1582

Reported Result: 0.164 g/100 mL

Reported UM: 0.024 g/100 mL

Comments:

Previously analyzed in BAC_20240819_KB -KB 9/13/2024

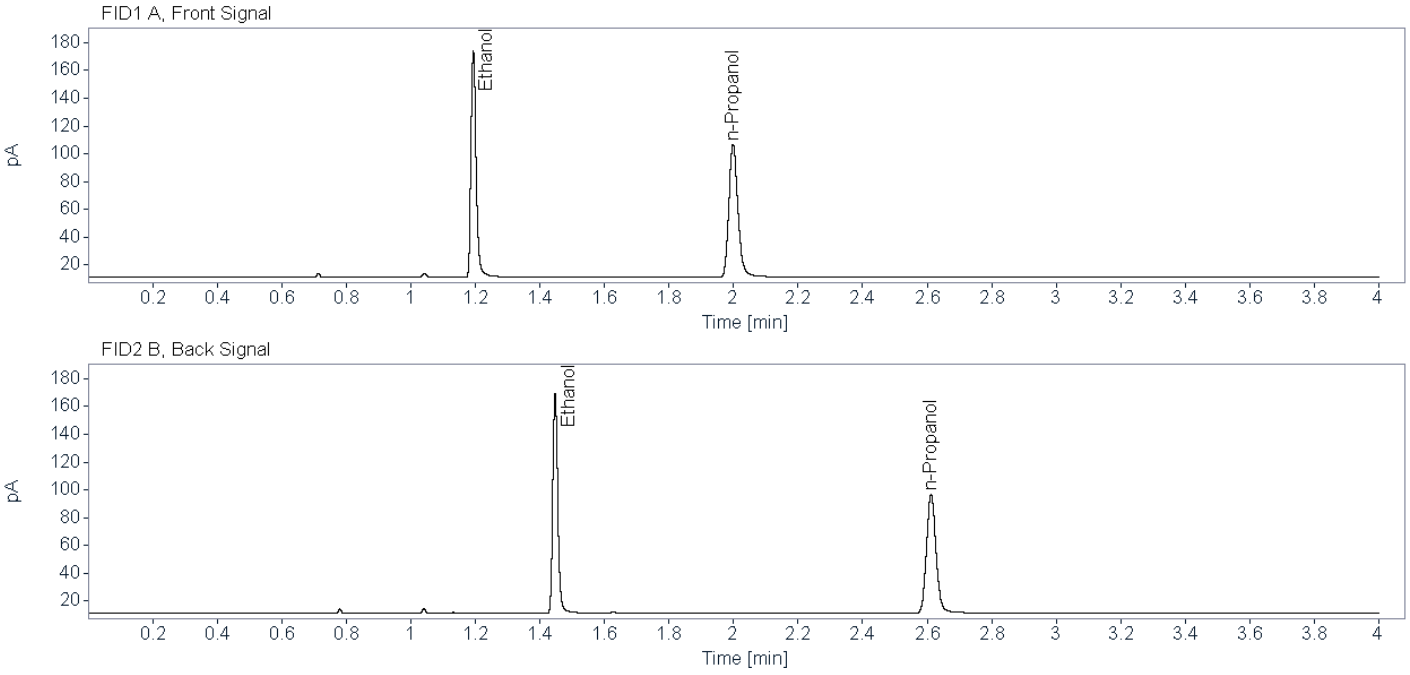
Total Number of Printed Examination Pages: 0

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1360 001_001 (24-1812) **Description:** Alq 1 **Sample Barcode** 24-1812 **Vial Number:** 32

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 1:01:36 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\032F3201.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.77502	1.194	1.192	180.6102	0.1701
n-Propanol	0.80355	1.998	1.998	184.3888	0.0100

Name FID2B

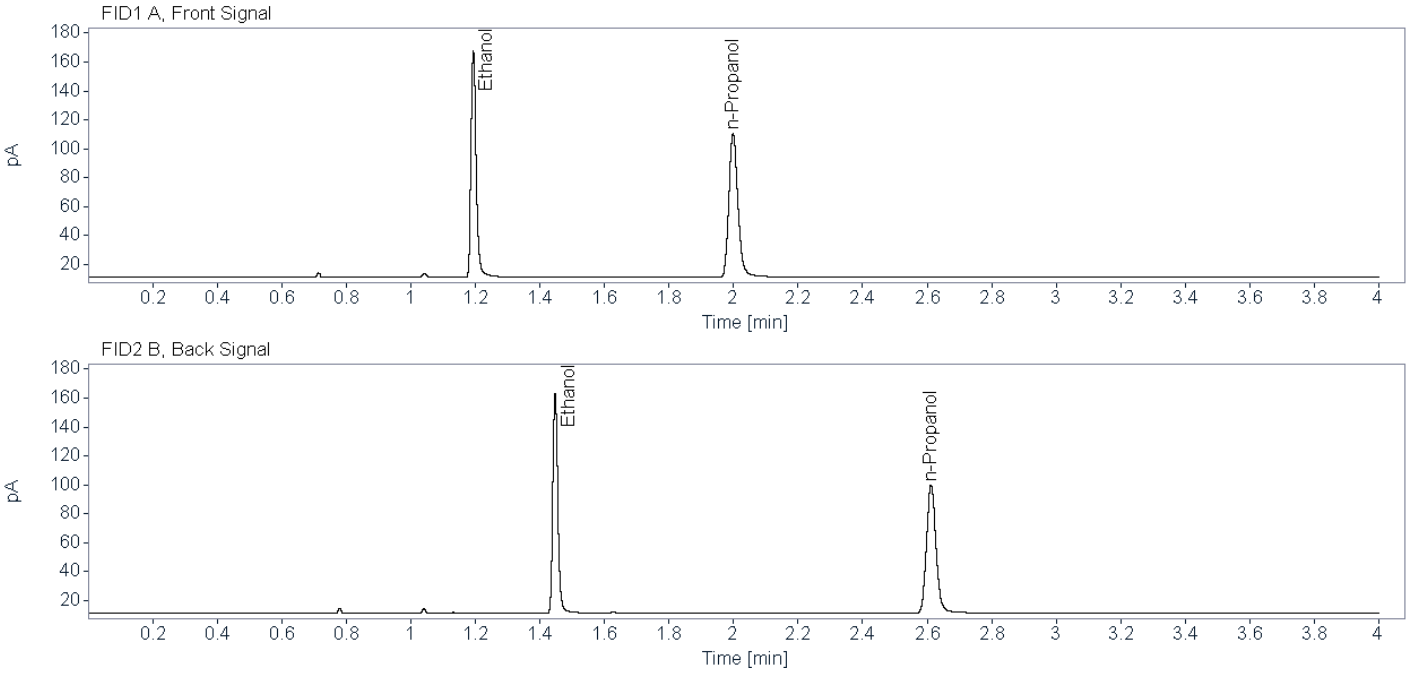
Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80883	1.447	1.446	170.3222	0.1700
n-Propanol	0.86191	2.612	2.610	172.7808	0.0100

Brazoria County Sheriff's Office Crime Lab
Toxicology
Ethanol Analysis

Sample Name: BCCL-24-1360 001_001 (24-1814) **Description:** Alq ~~1~~ 2 -KB 9/13/2024 **Sample Barcode** 24-1814 **Vial Number:** 34

Instrument: BAC 1 **Acq. Method:** BAC.M **Injection Date:** 8/29/2024 1:12:00 PM

Data File: C:\Chem32\1\Data\2024\BAC_20240829_KB 2024-08-29 10-09-53\034F3401.D



Name FID1A

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.75536	1.194	1.192	174.1874	0.1582
n-Propanol	0.80868	1.998	1.998	191.3906	0.0100

Name FID2B

Compound	Peak Symmetry	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Ethanol	0.80667	1.447	1.446	164.2754	0.1582
n-Propanol	0.86366	2.612	2.610	179.1572	0.0100