

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 06/10/26 SEQUENCE NAME 10Jun26

EQUIPMENT

Pipettor Hamilton ML600GJ10749 Hamilton ML600EA20851
 Gas Chromatograph Agilent US14173023 Agilent US2320A024

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03062417 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN04042408 0.99999
 Vial 3 0.20 calibrator Lot FN03132302
 Vial 4 0.40 calibrator Lot FN04092401

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 061026WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 031726MIX
7	Aqueous control	0.400 g/dL	0.401 g/dL	Lipomed 12052023-B
8	Aqueous control	0.040 g/dL	0.039 g/dL	Lipomed 529862
9	Blood control	0.203 d/dL	0.197 g/dL	ACQ 4190425129/3
20	Aqueous control	0.100 g/dL	0.099 g/dL	Lipomed C1455120
31	Blood control	0.203 g/dL	0.197 g/dL	ACQ 4190425129/3
42	Aqueous control	0.400 g/dL	0.391 g/dL	Lipomed 12052023-B
43	Aqueous control	0.040 g/dL	0.039 g/dL	Lipomed 529862
44	Blood control	0.203 g/dL	0.197 g/dL	ACQ 4190425129/3
45	Blank	Not detected	Not detected	SPD lab 060326AQ

SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid Alison Arroyo Analyst
 Run valid Run invalid Lori Abbott Technical Reviewer

Scottsdale Police Department Crime Laboratory

Sequence Quality Assurance Summary

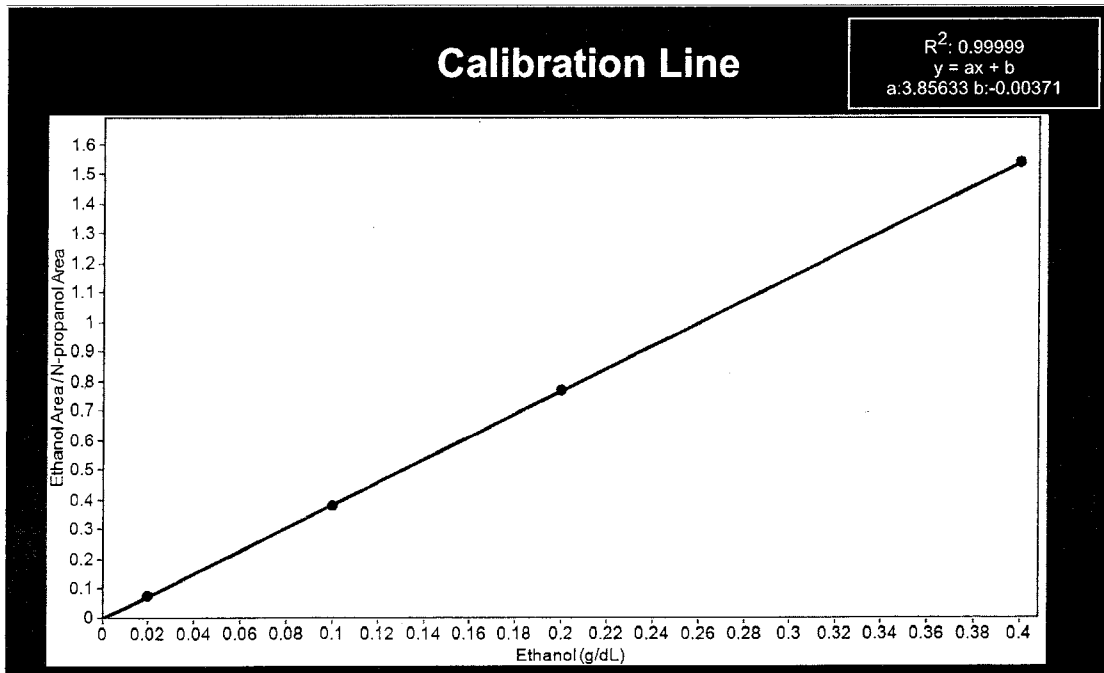
Sequence: 10Jun26

Analyst: Arroyo

aya

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 061026WB	5	negative	negative	-	-
0.400 12052023-B	7	0.401	0.400	0.25	0.001
0.040 529862	8	0.039	0.040	2.50	0.001
0.203 4190425129/3	9	0.197	0.203	2.96	0.006
0.100 C1455120	20	0.099	0.100	1.00	0.001
0.203 4190425129/3	31	0.197	0.203	2.96	0.006
0.400 12052023-B	42	0.391	0.400	2.25	0.009
0.040 529862	43	0.039	0.040	2.50	0.001
0.203 4190425129/3	44	0.197	0.203	2.96	0.006
blank 060326AQ	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	15.598	212.493	0.073
0.100	83.158	218.624	0.380
0.200	171.276	222.459	0.770
0.400	332.193	215.985	1.538



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03062417	Vial: 1
Description: 0.020 Calibrator	Sequence: 10Jun26
Method: ethanol quant.M	Injection date: 6/10/2026 3:49:04 PM
Instrument: US2320A024 US23180007	Analyst: Arroyo <i>Arroyo</i>
Data file: C:\Chem32\1\Data\10Jun26\1.D	

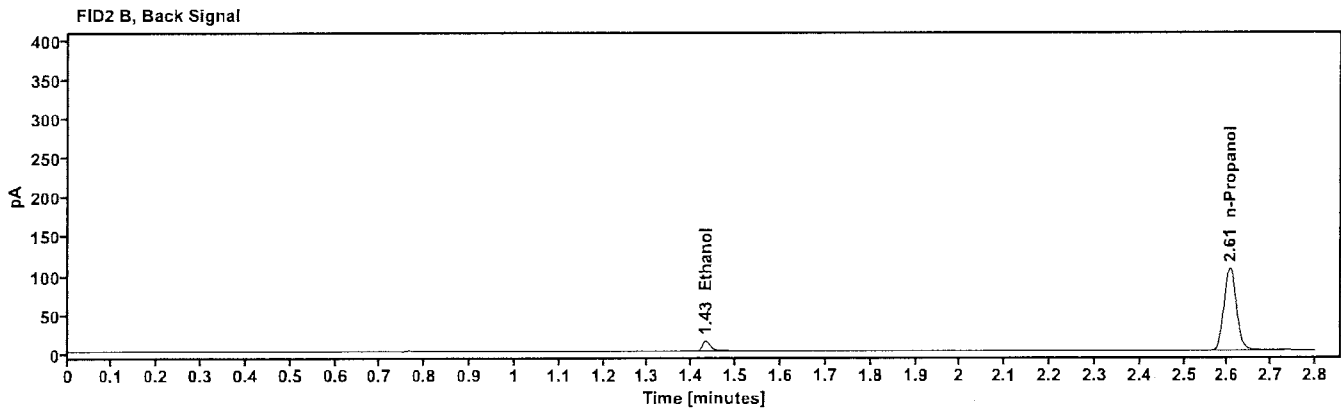
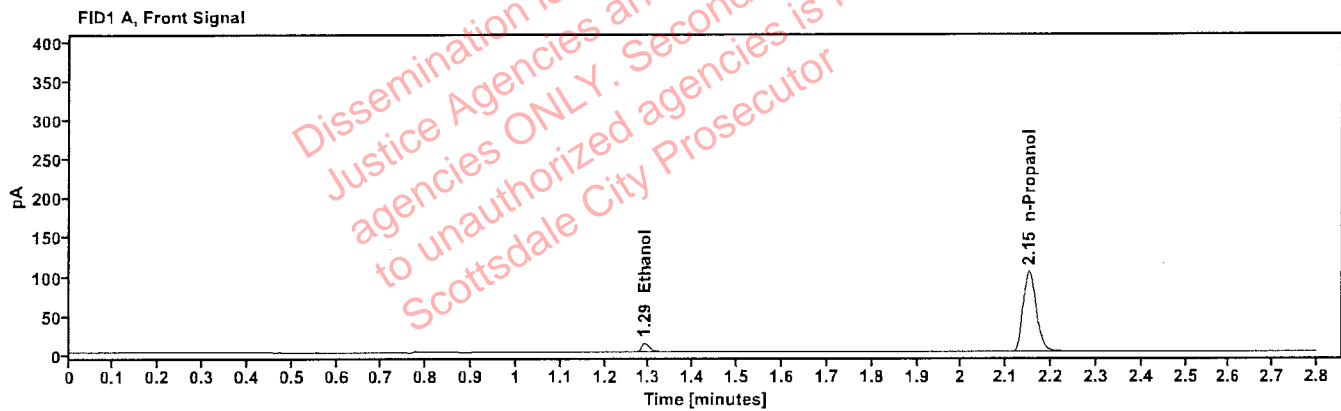


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.290	15.598
n-Propanol	2.151	212.493

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

Compound	Time (min)	Peak Area
Ethanol	1.432	16.154
n-Propanol	2.605	218.477

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN04042408	Vial: 2
Description: 0.100 Calibrator	Sequence: 10Jun26
Method: ethanol quant.M	Injection date: 6/10/2026 3:52:52 PM
Instrument: US2320A024 US23180007	Analyst: Arroyo
Data file: C:\Chem32\1\Data\10Jun26\2.D	<i>Arroyo</i>

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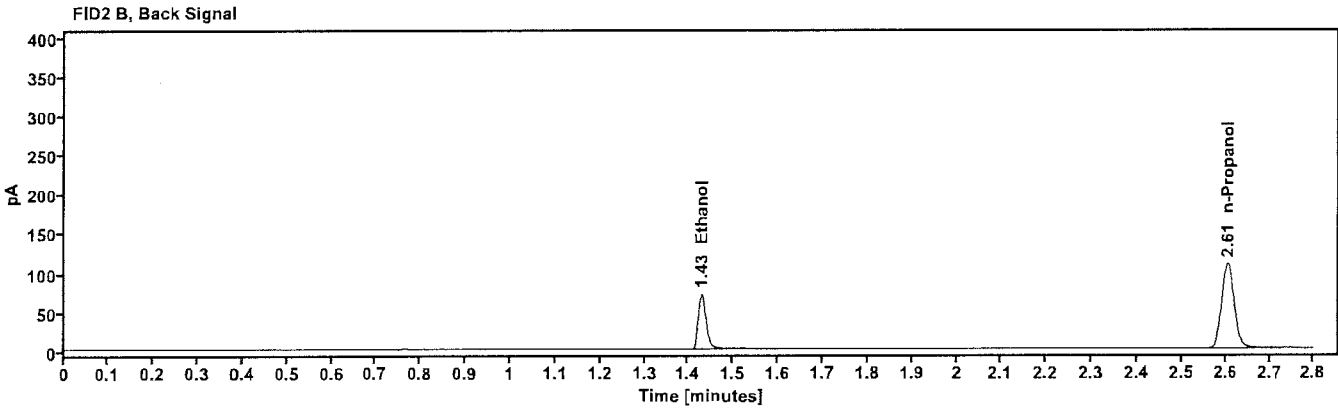
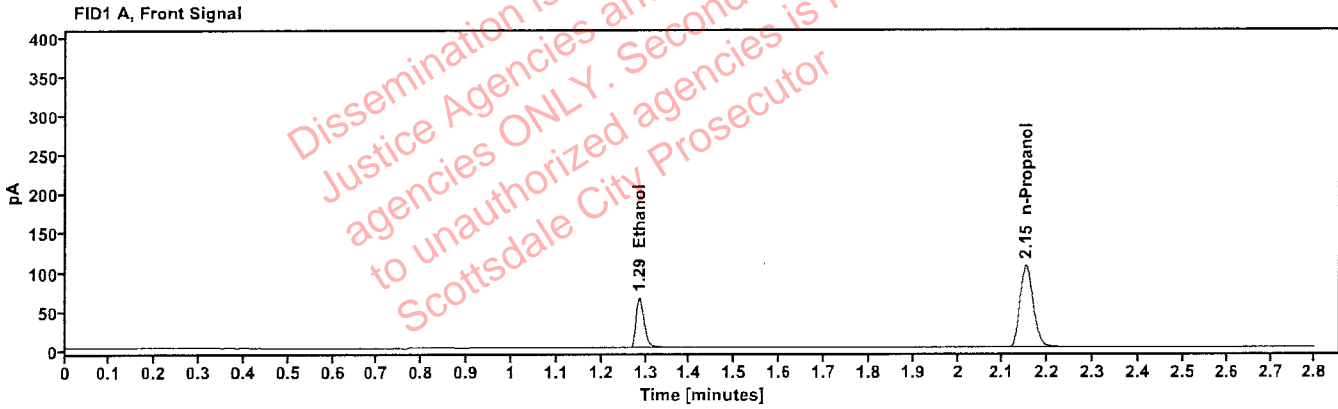


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.285	83.158
n-Propanol	2.151	218.624

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

Compound	Time (min)	Peak Area
Ethanol	1.429	85.835
n-Propanol	2.605	224.323

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03132302	Vial: 3
Description: 0.200 Calibrator	Sequence: 10Jun26
Method: ethanol quant.M	Injection date: 6/10/2026 3:56:40 PM
Instrument: US2320A024 US23180007	Analyst: Arroyo <i>aya</i>
Data file: C:\Chem32\1\Data\10Jun26\3.D	

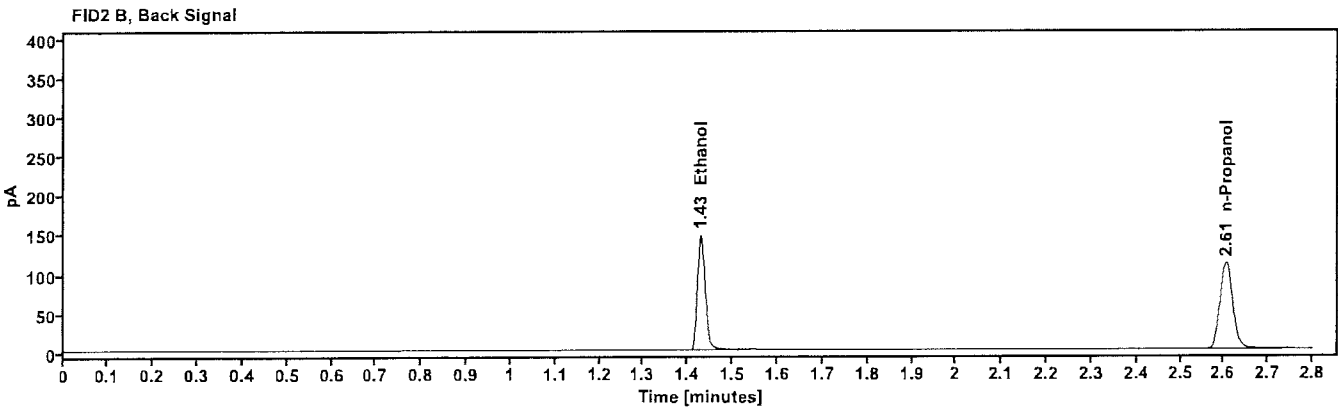
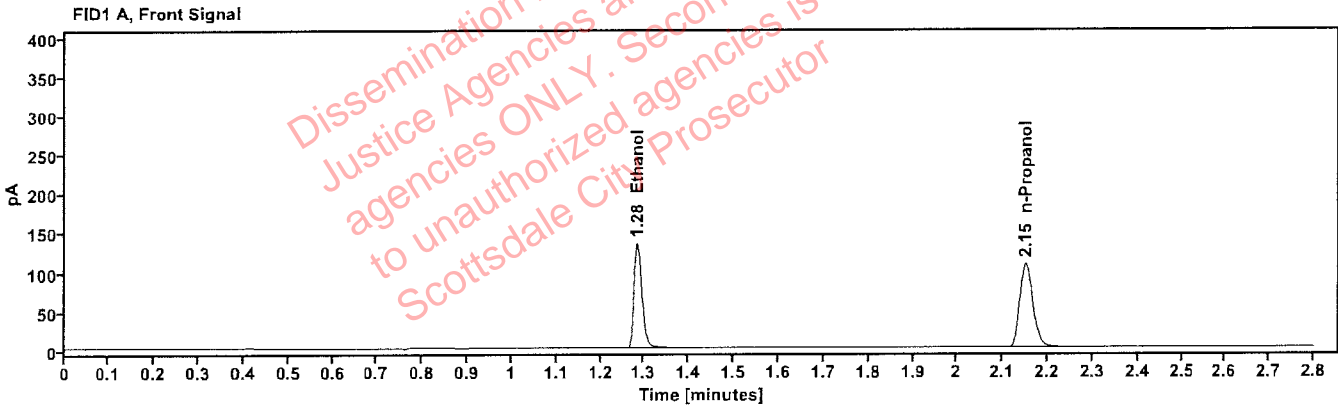


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.284	171.276
n-Propanol	2.151	222.459

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

Compound	Time (min)	Peak Area
Ethanol	1.429	176.827
n-Propanol	2.605	228.170

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN04092401	Vial: 4
Description: 0.400 Calibrator	Sequence: 10Jun26
Method: ethanol quant.M	Injection date: 6/10/2026 4:00:28 PM
Instrument: US2320A024 US23180007	Analyst: Arroyo <i>aja</i>
Data file: C:\Chem32\1\Data\10Jun26\4.D	

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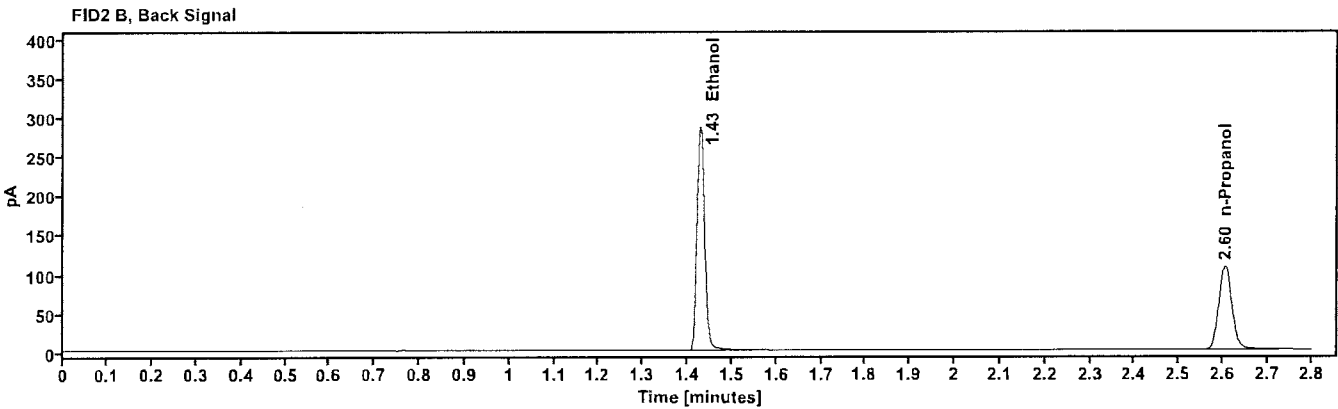
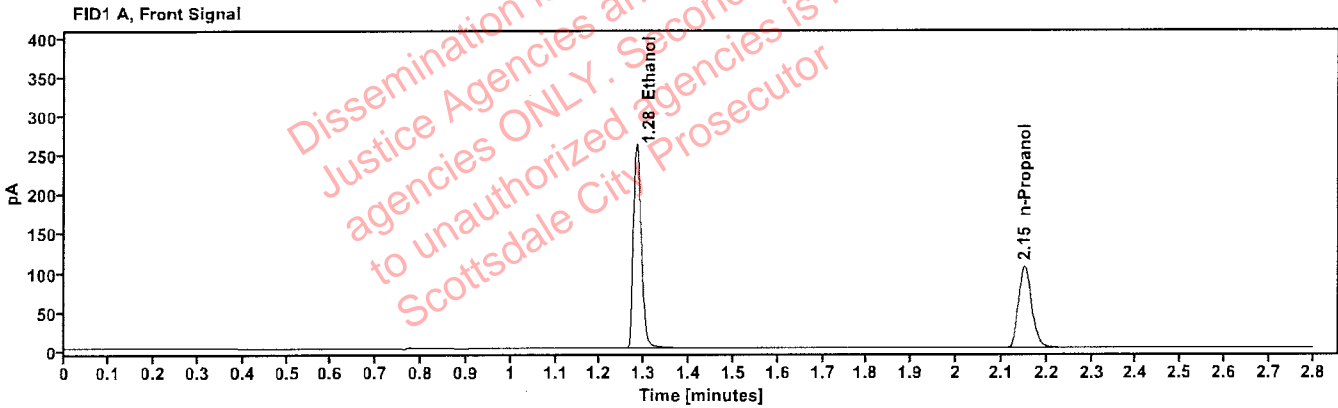


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.283	332.193
n-Propanol	2.151	215.985

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

Compound	Time (min)	Peak Area
Ethanol	1.428	342.701
n-Propanol	2.605	221.368

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 061026WB	Vial: 5
Description: negative	LIMS ID:
Method: ethanol quant.M	Sequence: 10Jun26
Instrument: US2320A024 US23180007	Injection date: 6/10/2026 4:04:16 PM
Data file: C:\Chem32\1\Data\10Jun26\5.D	Analyst: Arroyo <i>Arroyo</i>

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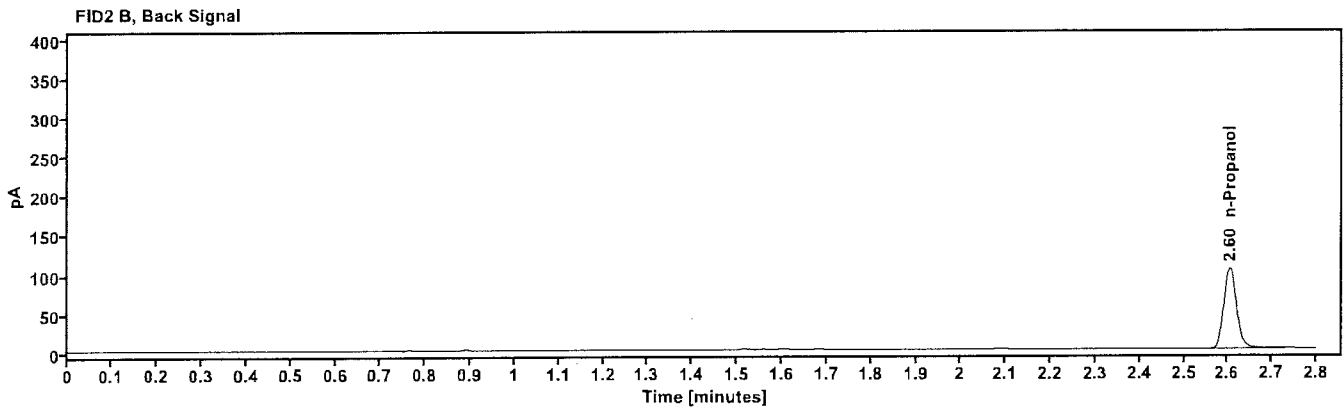
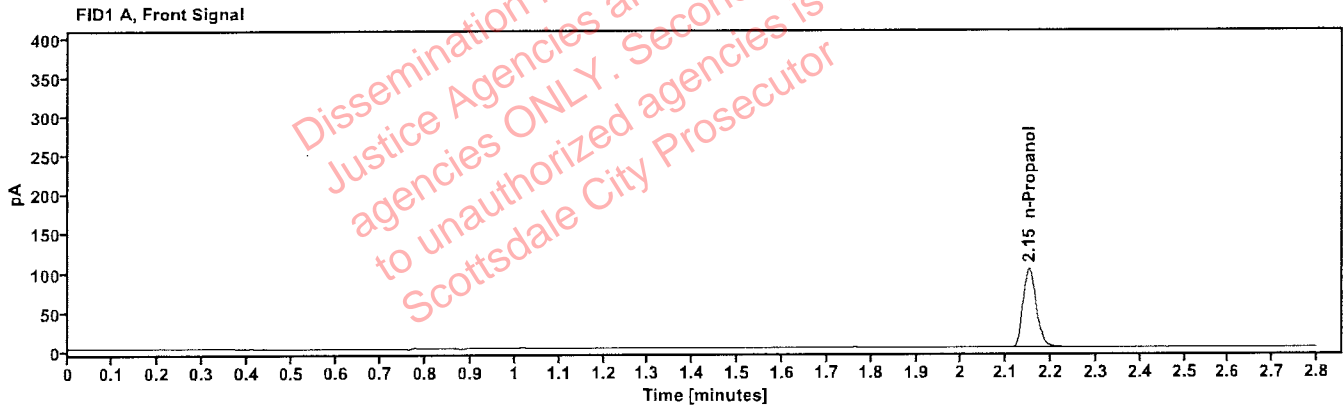


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	----	2.151	208.062

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

Compound	Time (min)	Peak Area
n-Propanol	2.605	214.511

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 031726MIX	Vial: 6
Description: Volatile Mix	LIMS ID:
Method: ethanol quant.M	Sequence: 10Jun26
Instrument: US2320A024 US23180007	Injection date: 6/10/2026 4:08:04 PM
Data file: C:\Chem32\1\Data\10Jun26\6.D	Analyst: Arroyo <i>ajr</i>

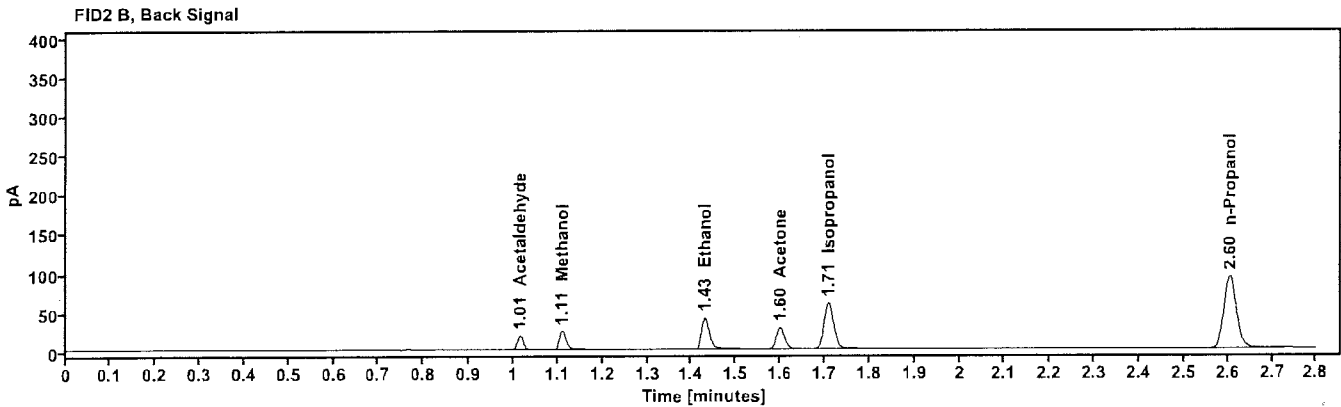
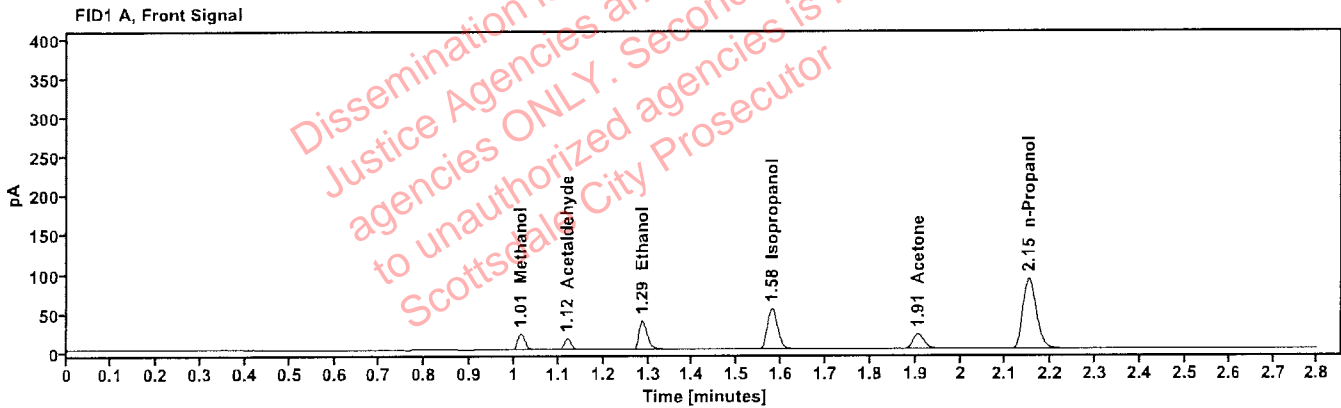


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	1.015	24.384
Acetaldehyde	-----	1.120	15.847
quantified Ethanol	0.0682	1.287	48.542
Isopropanol	-----	1.578	85.940
Acetone	-----	1.905	35.018
n-Propanol	-----	2.151	187.191

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

Compound	Time (min)	Peak Area
Acetaldehyde	1.015	16.535
Methanol	1.110	25.157
Ethanol	1.430	49.944
Acetone	1.599	36.069
Isopropanol	1.709	88.565
n-Propanol	2.605	191.636

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 12052023-B	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 10Jun26
Instrument: US2320A024 US23180007	Injection date: 6/10/2026 4:13:04 PM
Data file: C:\Chem32\1\Data\10Jun26\7.D	Analyst: Arroyo <i>Arroyo</i>

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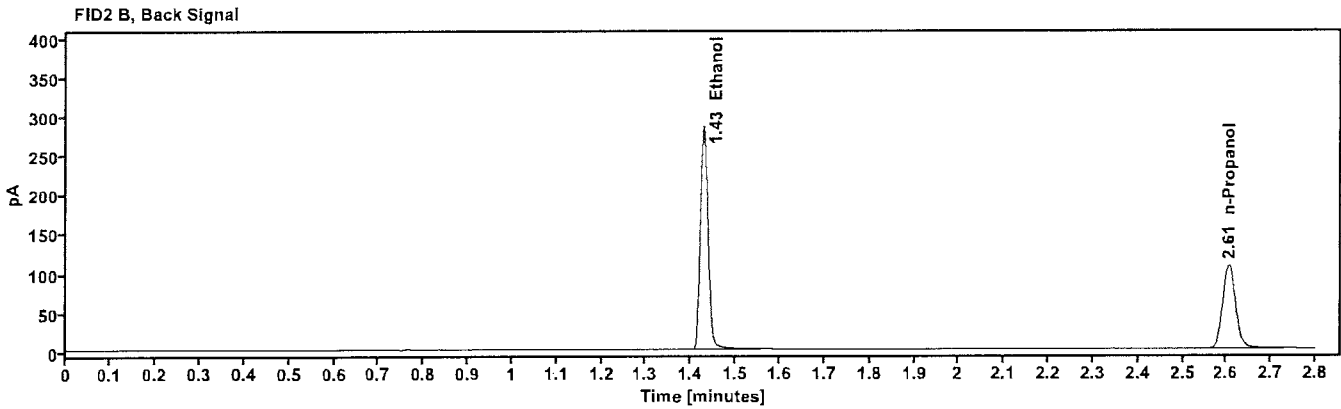
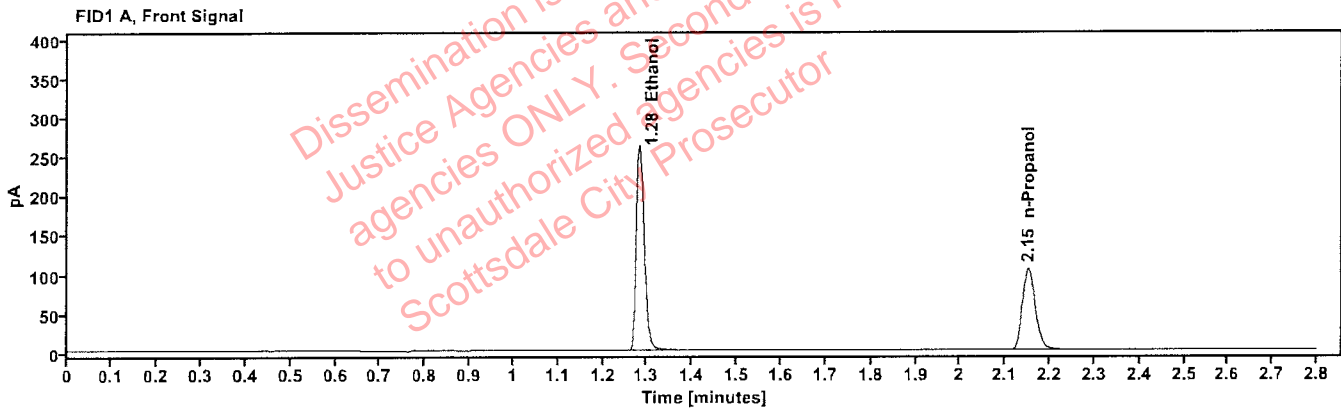


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.4015	1.283	332.830
n-Propanol	---	2.151	215.487

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

Compound	Time (min)	Peak Area
Ethanol	1.428	343.323
n-Propanol	2.605	220.657

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	529862	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 4:16:52 PM
Data file:	C:\Chem32\1\Data\10Jun26\8.D	Analyst:	Arroyo <i>[Signature]</i>

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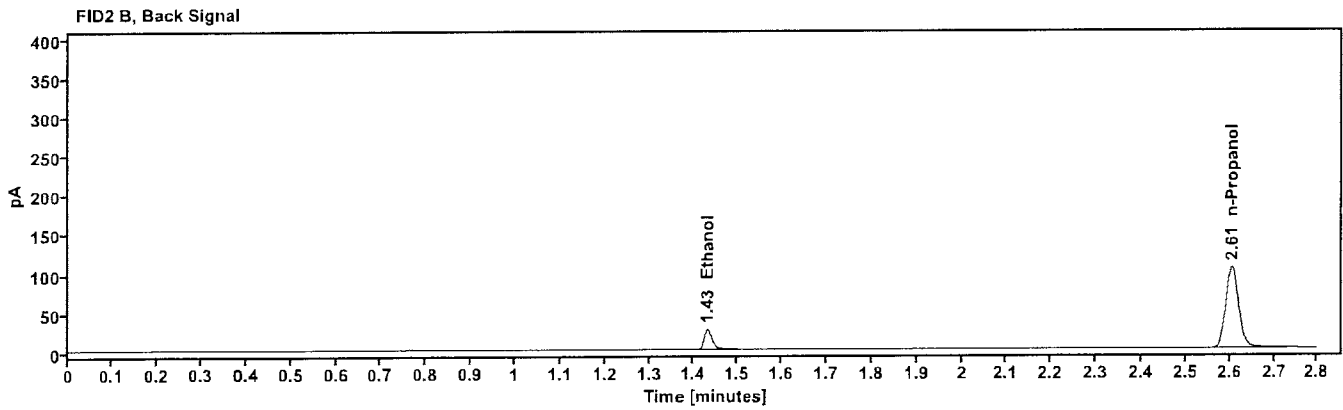
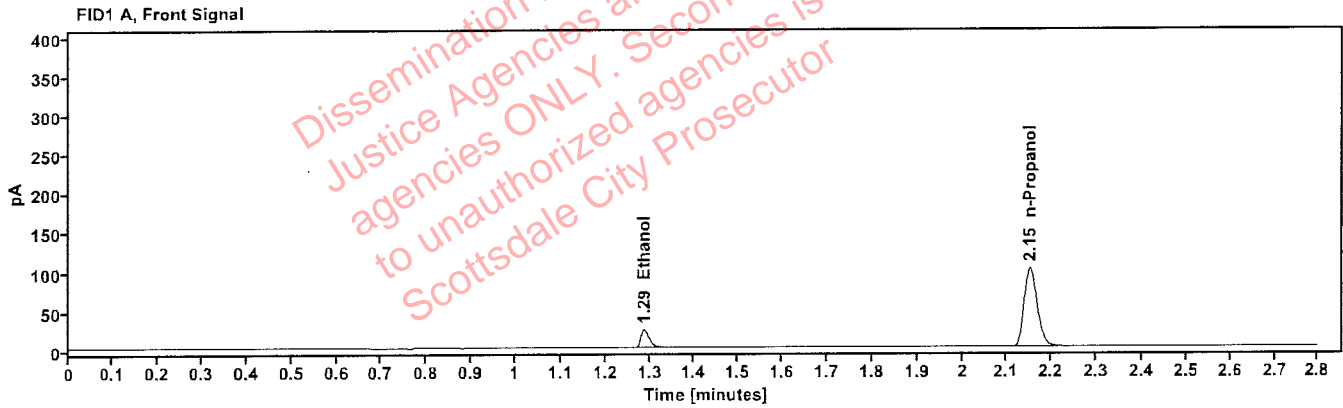


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0396	1.288	31.210
n-Propanol	---	2.151	209.500

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

Compound	Time (min)	Peak Area
Ethanol	1.431	32.141
n-Propanol	2.605	214.971

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4190425129/3	Vial:	9
Description:	0.203	LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 4:20:40 PM
Data file:	C:\Chem3211\Data\10Jun26\9.D	Analyst:	Arroyo <i>ajl</i>

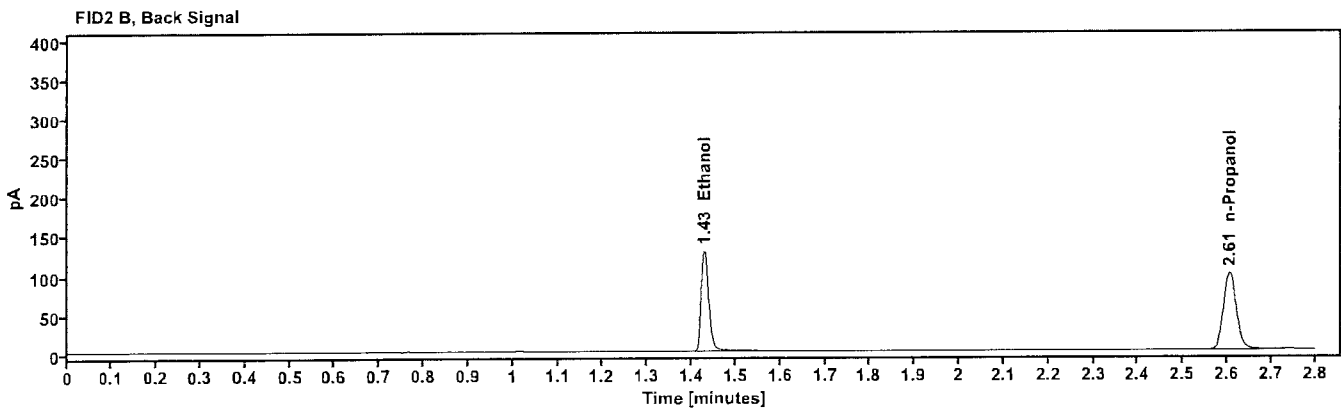
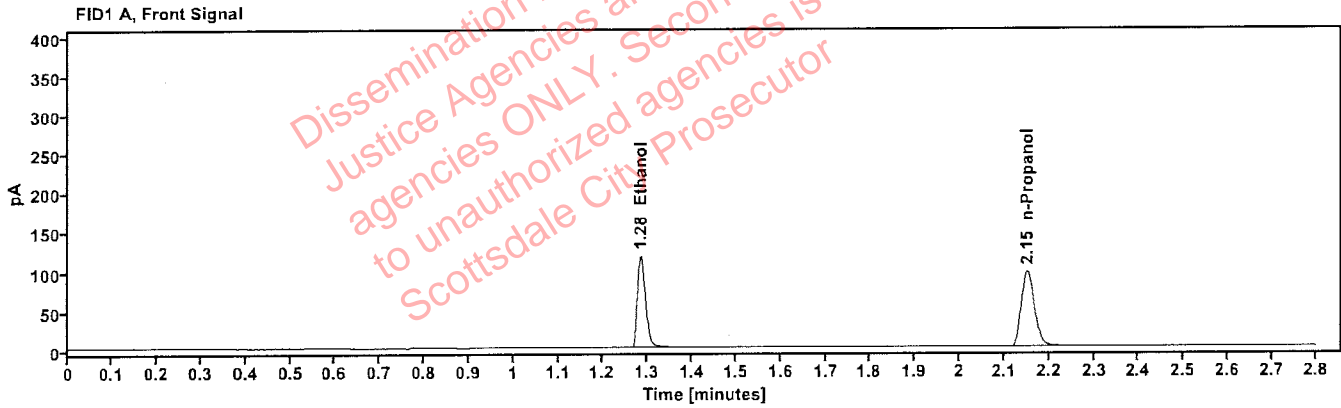


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1972	1.284	151.109
n-Propanol	----	2.151	199.651

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

Compound	Time (min)	Peak Area
Ethanol	1.429	155.988
n-Propanol	2.605	204.656

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	C1455120	Vial:	20
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 5:04:52 PM
Data file:	C:\Chem3211\Data\10Jun26\20.D	Analyst:	Arroyo <i>aja</i>

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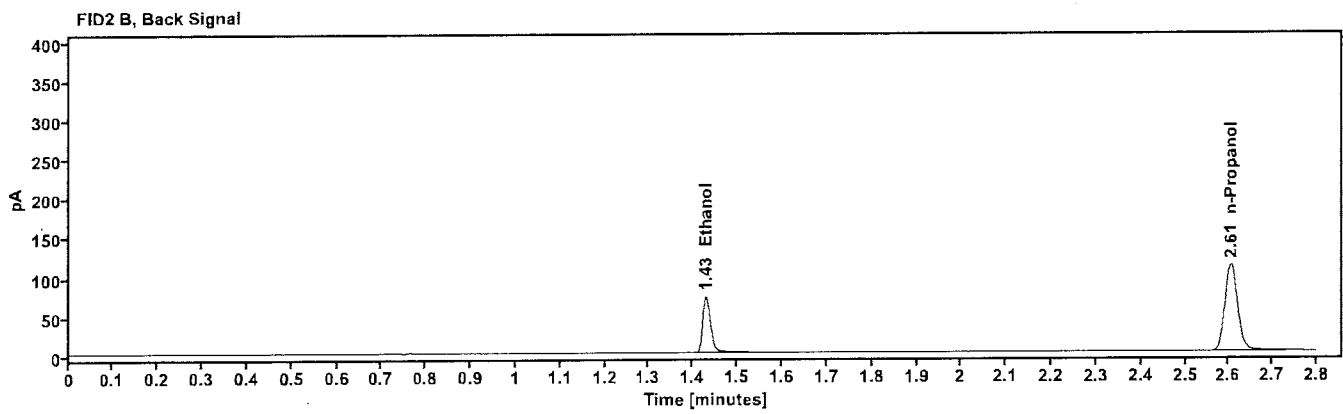
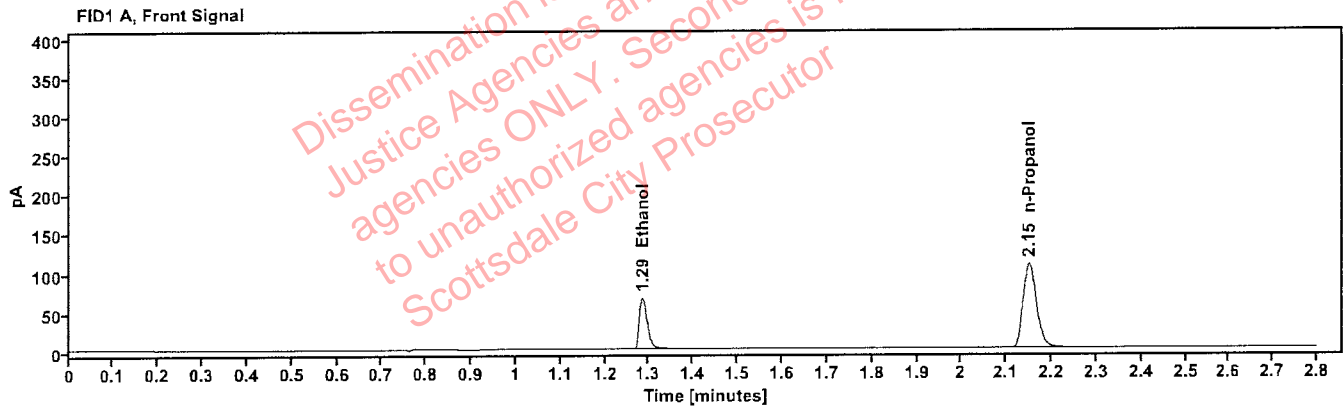


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0997	1.286	85.131
n-Propanol	----	2.151	223.574

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

Compound	Time (min)	Peak Area
Ethanol	1.429	87.968
n-Propanol	2.605	229.187

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4190425129/3	Vial: 31
Description: 0.203	LIMS ID:
Method: ethanol quant.M	Sequence: 10Jun26
Instrument: US2320A024 US23180007	Injection date: 6/10/2026 5:49:04 PM
Data file: C:\Chem32\1\Data\10Jun26\31.D	Analyst: Arroyo <i>AR</i>

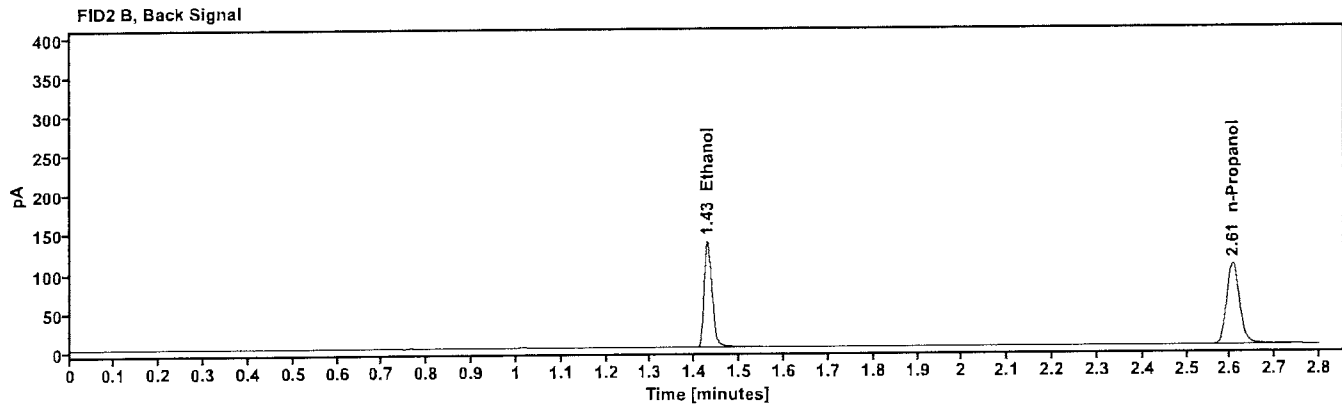
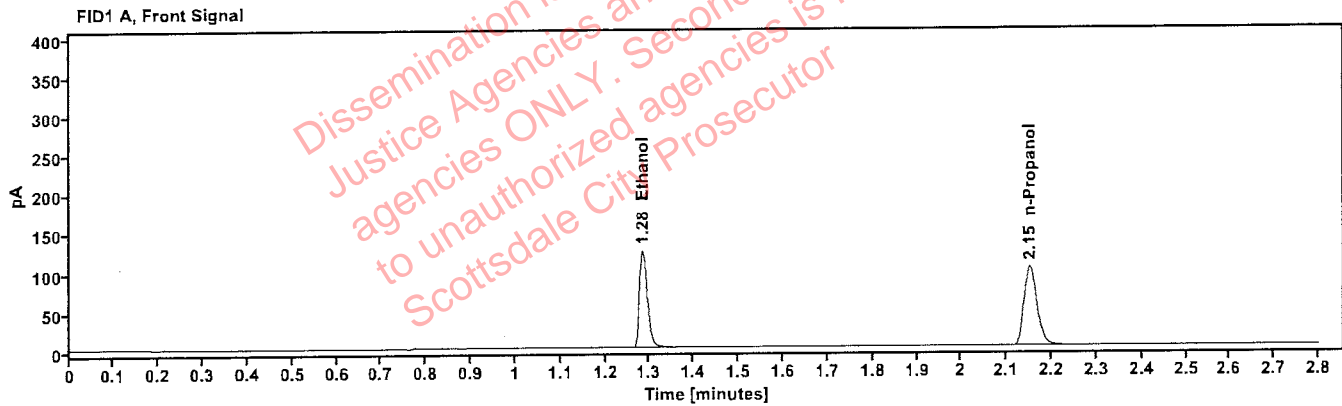


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1978	1.284	159.557
n-Propanol	----	2.151	210.190

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

Compound	Time (min)	Peak Area
Ethanol	1.429	164.602
n-Propanol	2.605	215.366

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 12052023-B	Vial: 42
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 10Jun26
Instrument: US2320A024 US23180007	Injection date: 6/10/2026 6:32:03 PM
Data file: C:\Chem32\1\Data\10Jun26\42.D	Analyst: Arroyo <i>ajr</i>

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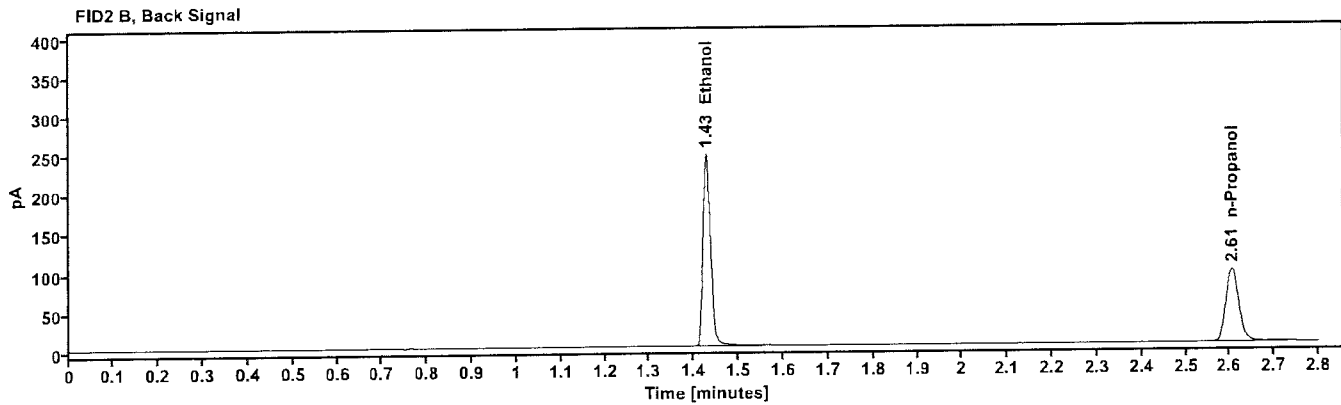
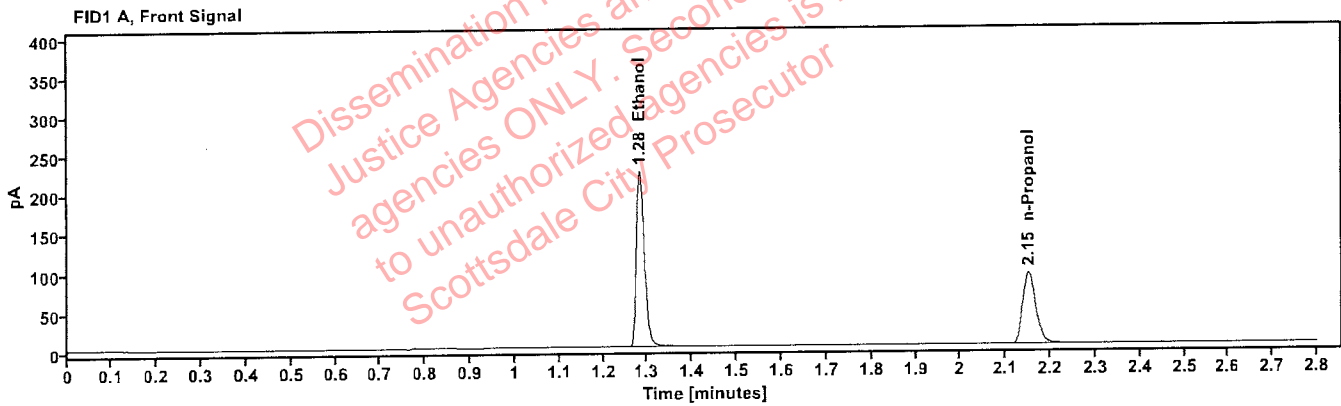


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.3914	1.283	286.146
n-Propanol	----	2.151	190.032

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

Compound	Time (min)	Peak Area
Ethanol	1.428	295.171
n-Propanol	2.605	194.517

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 529862	Vial: 43
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 10Jun26
Instrument: US2320A024 US23180007	Injection date: 6/10/2026 6:37:04 PM
Data file: C:\Chem32\1\Data\10Jun26\43.D	Analyst: Arroyo <i>AR</i>

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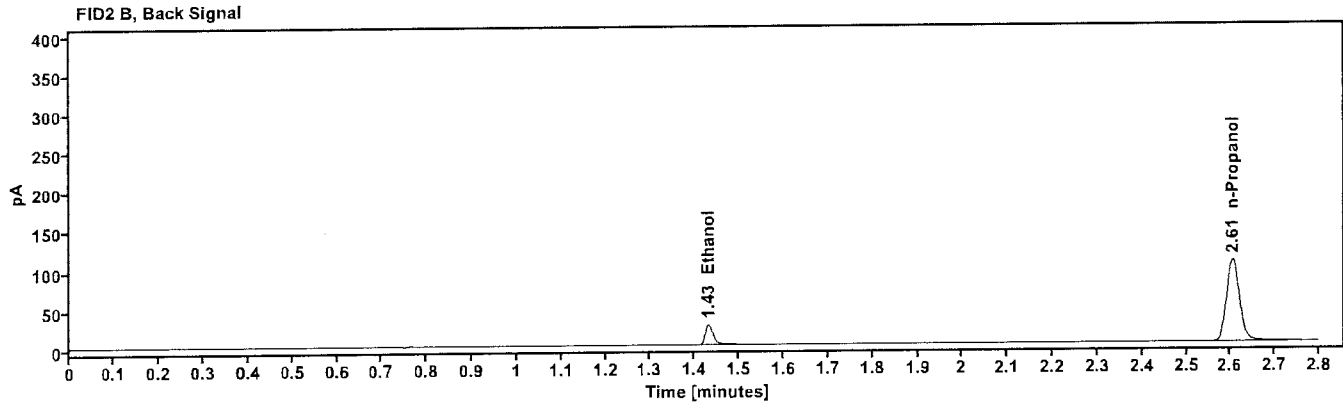
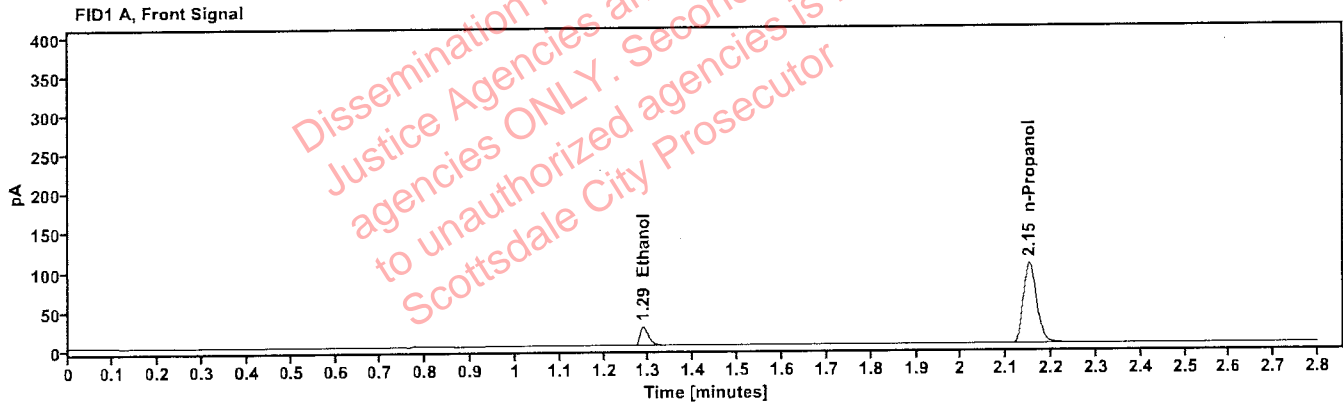


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0394	1.288	31.571
n-Propanol	----	2.151	212.840

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

Compound	Time (min)	Peak Area
Ethanol	1.431	32.475
n-Propanol	2.605	217.910

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4190425129/3	Vial: 44
Description: 0.203	LIMS ID:
Method: ethanol quant.M	Sequence: 10Jun26
Instrument: US2320A024 US23180007	Injection date: 6/10/2026 6:40:52 PM
Data file: C:\Chem32\1\Data\10Jun26\44.D	Analyst: Arroyo <i>AA</i>

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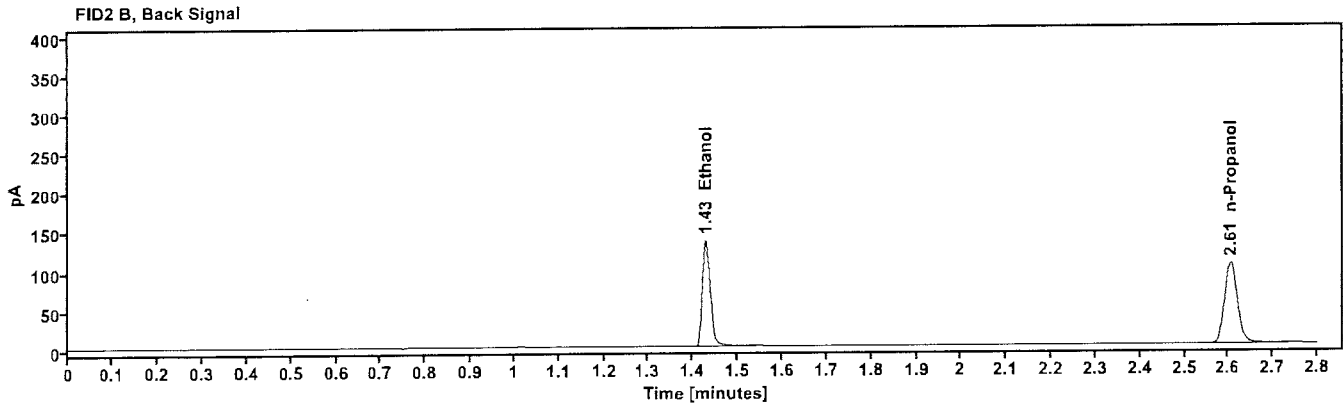
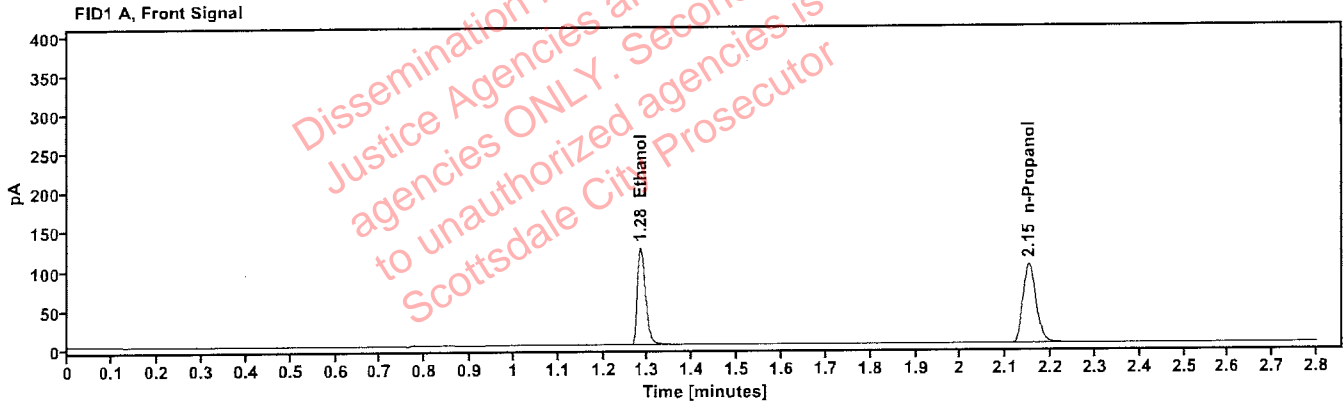


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1977	1.284	159.495
n-Propanol	----	2.151	210.178

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

Compound	Time (min)	Peak Area
Ethanol	1.429	164.587
n-Propanol	2.605	215.271

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 060326AQ	Vial: 45
Description: negative	LIMS ID:
Method: ethanol quant.M	Sequence: 10Jun26
Instrument: US2320A024 US23180007	Injection date: 6/10/2026 6:44:40 PM
Data file: C:\Chem32\1\Data\10Jun26\45.D	Analyst: Arroyo <i>ajr</i>

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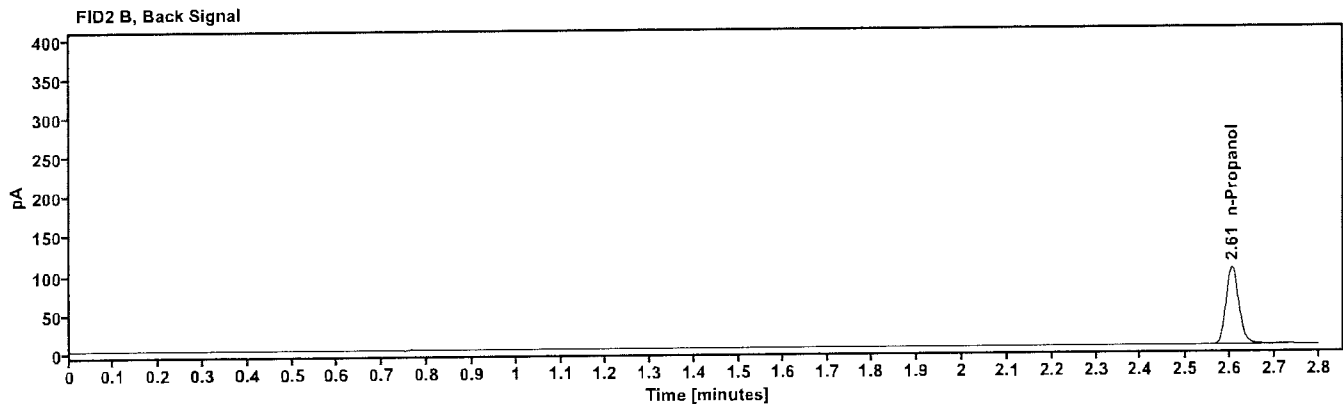
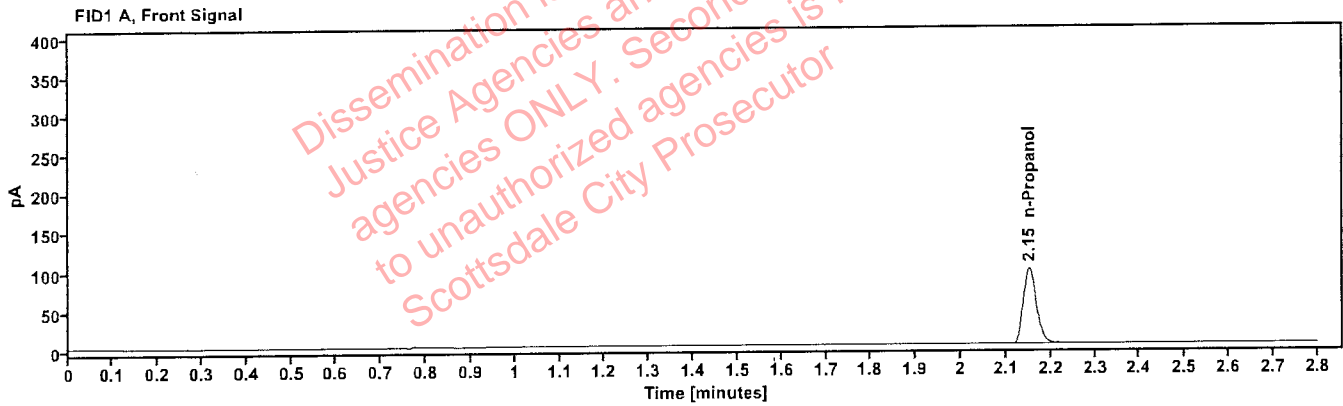


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	----	2.151	200.945

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

Compound	Time (min)	Peak Area
n-Propanol	2.605	205.922

Sequence Summary

Sequence name: 10Jun26 Instrument: US2320A024 US23180007 Analyst: Arroyo *ajr*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN03062417	0.020 Calibrator	Calibration		ethanol quant.M
2	FN04042408	0.100 Calibrator	Calibration		ethanol quant.M
3	FN03132302	0.200 Calibrator	Calibration		ethanol quant.M
4	FN04092401	0.400 Calibrator	Calibration		ethanol quant.M
5	061026WB	negative	Control		ethanol quant.M
6	031726MIX	Volatile Mix	Control		ethanol quant.M
7	12052023-B	0.400	Control		ethanol quant.M
8	529862	0.040	Control		ethanol quant.M
9	4190425129/3	0.203	Control		ethanol quant.M
10	2607789-2		Sample		ethanol quant.M
11	2607789-2		Sample		ethanol quant.M
12	2609939-1		Sample		ethanol quant.M
13	2609939-1		Sample		ethanol quant.M
14	2610158-2		Sample		ethanol quant.M
15	2610158-2		Sample		ethanol quant.M
16	2610180-2		Sample		ethanol quant.M
17	2610180-2		Sample		ethanol quant.M
18	0435-01R.N.		Sample		ethanol quant.M
19	0435-01R.N.		Sample		ethanol quant.M
20	C1455120	0.100	Control		ethanol quant.M
21	394-01W.M.		Sample		ethanol quant.M
22	394-01W.M.		Sample		ethanol quant.M
23	2610497-1		Sample		ethanol quant.M
24	2610497-1		Sample		ethanol quant.M
25	2610506-2		Sample		ethanol quant.M
26	2610506-2		Sample		ethanol quant.M
27	2610489-1		Sample		ethanol quant.M
28	2610489-1		Sample		ethanol quant.M
29	2610528-1		Sample		ethanol quant.M
30	2610528-1		Sample		ethanol quant.M
31	4190425129/3	0.203	Control		ethanol quant.M
32	2610426-1		Sample		ethanol quant.M
33	2610426-1		Sample		ethanol quant.M
34	2610476-1		Sample		ethanol quant.M
35	2610476-1		Sample		ethanol quant.M
36	2610530-2		Sample		ethanol quant.M
37	2610530-2		Sample		ethanol quant.M
38	2610577-1		Sample		ethanol quant.M
39	2610577-1		Sample		ethanol quant.M
40	2610504-1		Sample		ethanol quant.M
41	2610504-1		Sample		ethanol quant.M
42	12052023-B	0.400	Control		ethanol quant.M
43	529862	0.040	Control		ethanol quant.M
44	4190425129/3	0.203	Control		ethanol quant.M
45	060326AQ	negative	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 10Jun26

ANALYST: Arroyo



Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference(g/dL)*
10 11	0.1685	0.1690	0.16875	0.15	0.00025
12 13	0.1706	0.1711	0.17085	0.15	0.00025
14 15	0.1366	0.1352	0.13590	0.52	0.00070
16 17	0.1618	0.1631	0.16245	0.40	0.00065
18 19	0.1893	0.1908	0.19005	0.39	0.00075
21 22	0.2508	0.2503	0.25055	0.10	0.00025
23 24	0.0865	0.0866	0.08655	0.06	0.00005
25 26	0.0558	0.0557	0.05575	0.09	0.00005
27 28	0.0644	0.0643	0.06435	0.08	0.00005
29 30	0.0856	0.0857	0.08565	0.06	0.00005
32 33	0.1308	0.1318	0.13130	0.38	0.00050
34 35	0.1961	0.1958	0.19595	0.08	0.00015
36 37	0.2029	0.2020	0.20245	0.22	0.00045
38 39	0.1112	0.1125	0.11185	0.58	0.00065
40 41	0.0965	0.0978	0.09715	0.67	0.00065

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2607789-2	Vial:	10
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 4:24:28 PM
Data file:	C:\Chem32\1\Data\10Jun26\10.D	Analyst:	Arroyo

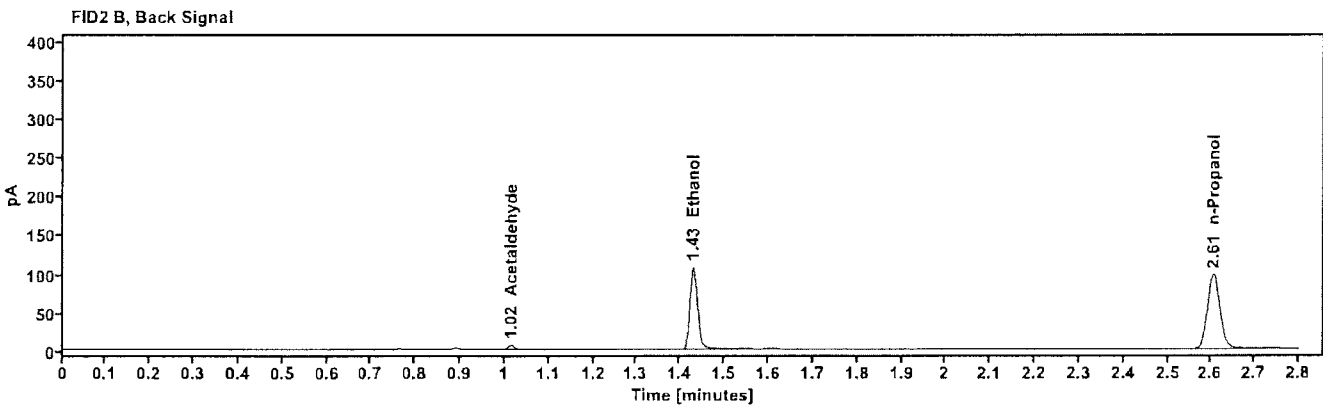
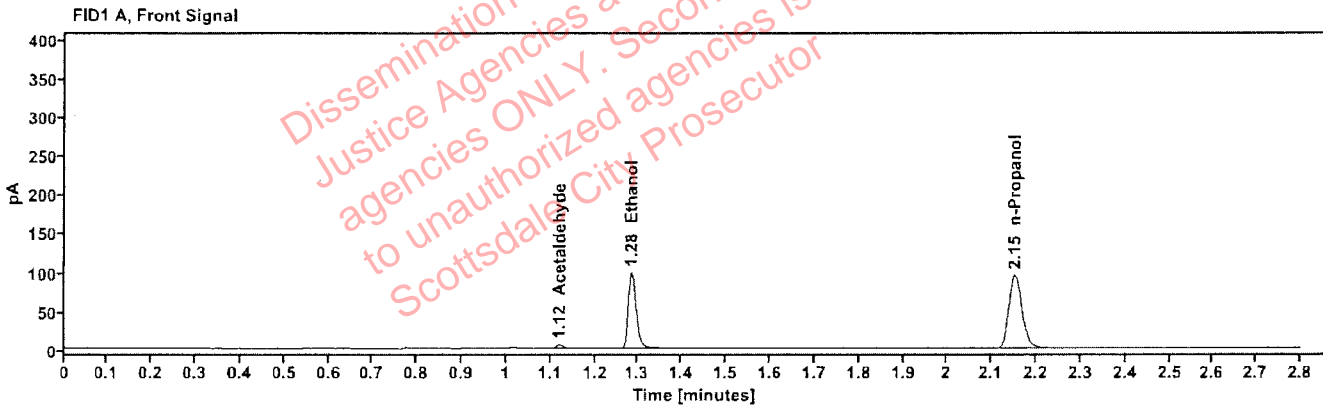


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	----	1.121	5.043
quantified Ethanol	0.1685	1.285	126.075
n-Propanol	----	2.151	195.096

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

Compound	Time (min)	Peak Area
Acetaldehyde	1.015	5.294
Ethanol	1.429	130.000
n-Propanol	2.605	199.947

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2607789-2	Vial:	11
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 4:28:16 PM
Data file:	C:\Chem32\1\Data\10Jun26\11.D	Analyst:	Arroyo

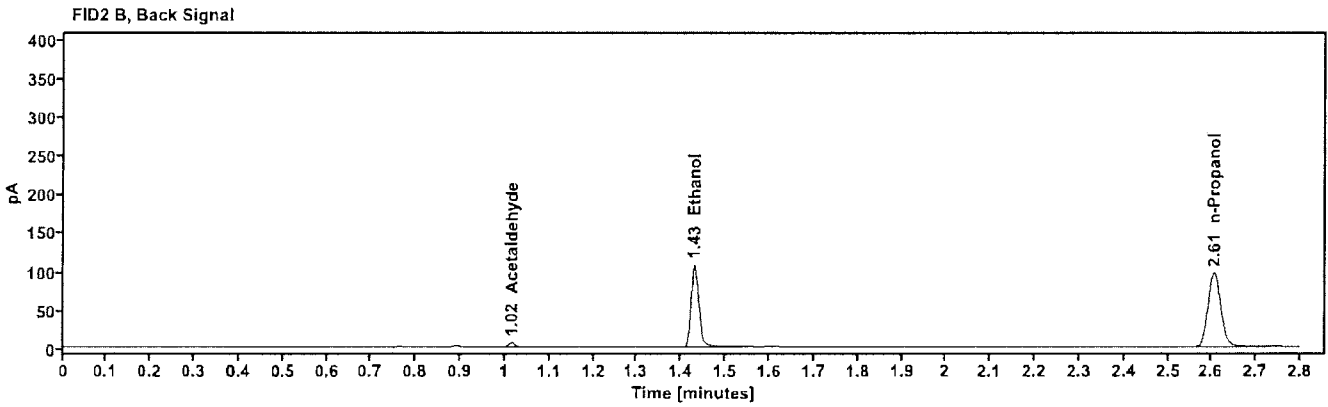
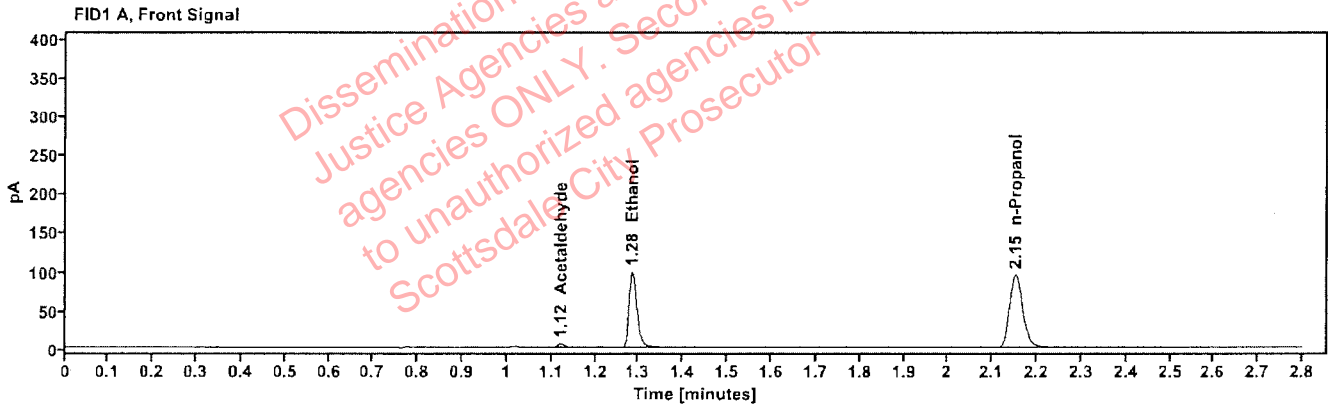


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	----	1.121	5.000
quantified Ethanol	0.1690	1.285	125.826
n-Propanol	----	2.151	194.184

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

Compound	Time (min)	Peak Area
Acetaldehyde	1.015	5.245
Ethanol	1.429	129.526
n-Propanol	2.605	199.350

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2609939-1	Vial:	12
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 4:32:04 PM
Data file:	C:\Chem32\1\Data\10Jun26\12.D	Analyst:	Arroyo

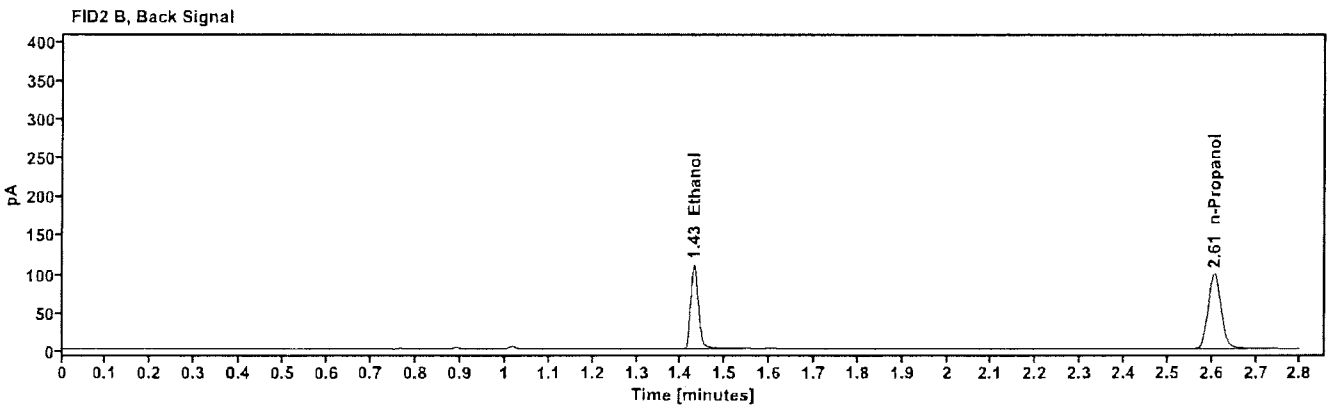
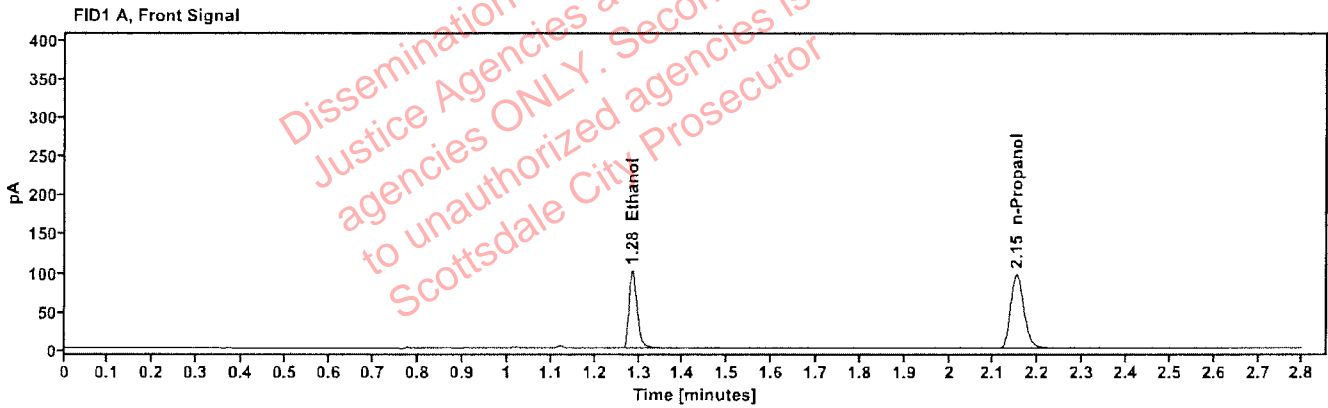


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1706	1.285	129.255
n-Propanol	---	2.151	197.525

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

Compound	Time (min)	Peak Area
Ethanol	1.429	133.176
n-Propanol	2.605	202.954

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2609939-1	Vial:	13
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 4:37:04 PM
Data file:	C:\Chem32\1\Data\10Jun26\13.D	Analyst:	Arroyo

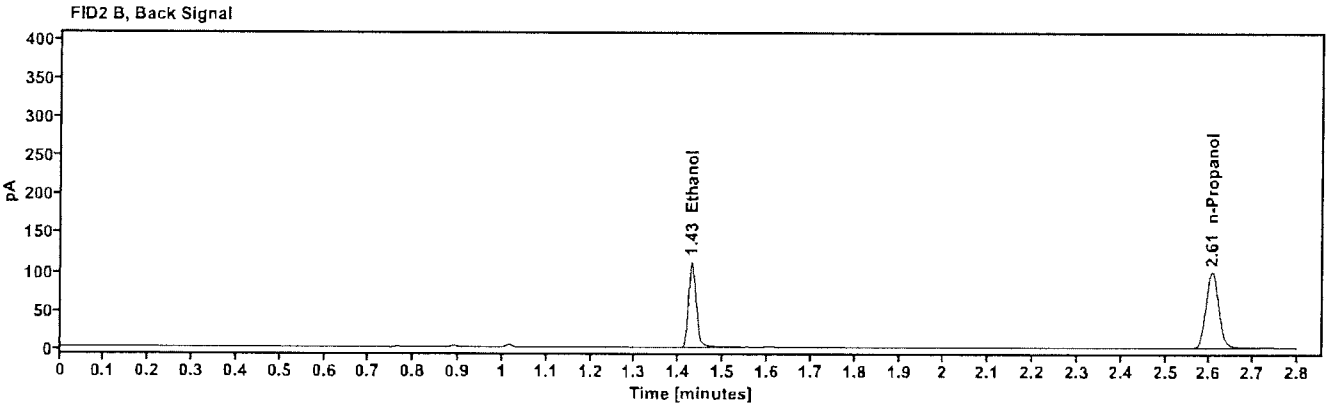
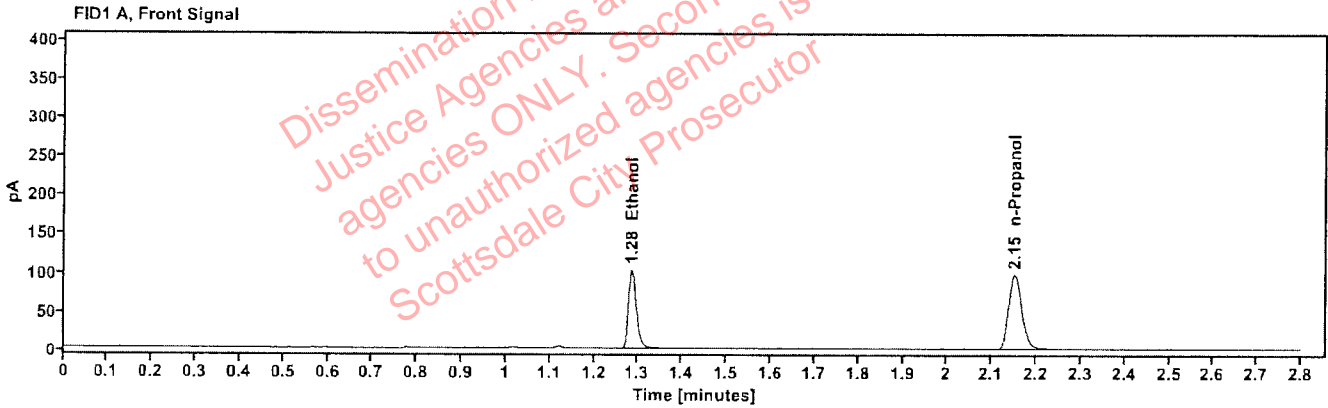


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1711	1.285	130.915
n-Propanol	---	2.151	199.550

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

Compound	Time (min)	Peak Area
Ethanol	1.429	135.020
n-Propanol	2.605	204.319

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2610158-2	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 4:40:52 PM
Data file:	C:\Chem32\1\Data\10Jun26\14.D	Analyst:	Arroyo

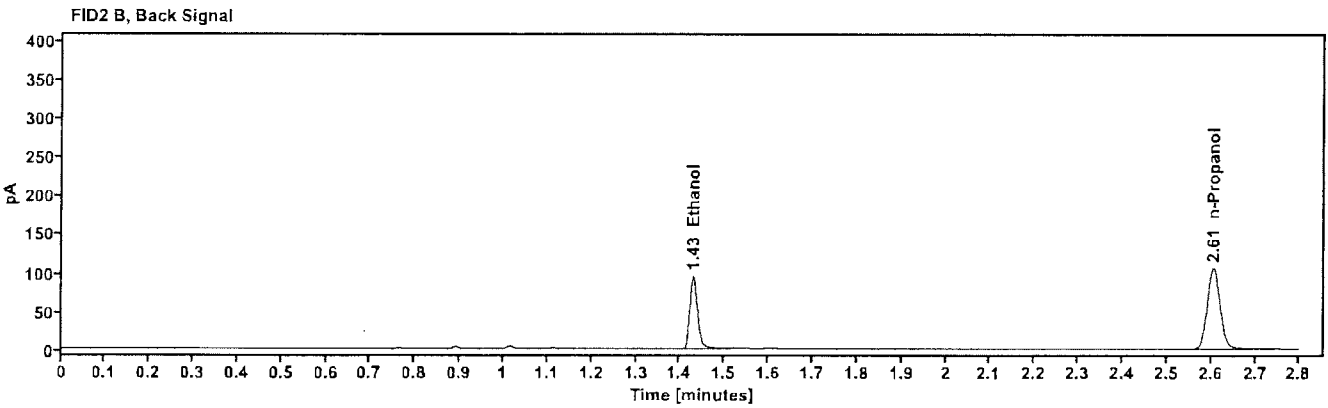
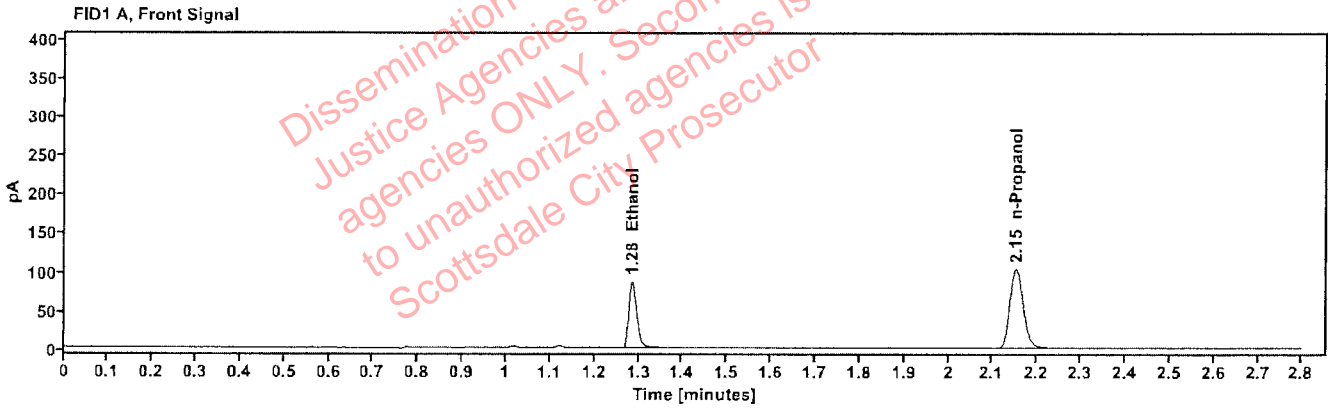


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1366	1.285	111.348
n-Propanol	-----	2.151	212.911

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

Compound	Time (min)	Peak Area
Ethanol	1.429	114.050
n-Propanol	2.605	218.939

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2610158-2	Vial:	15
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 4:44:40 PM
Data file:	C:\Chem32\1\Data\10Jun26\15.D	Analyst:	Arroyo

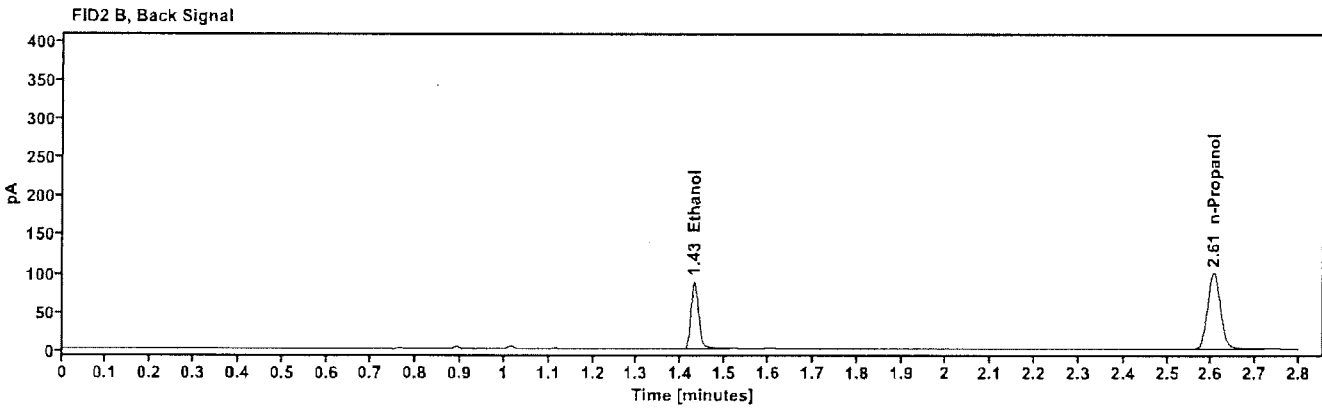
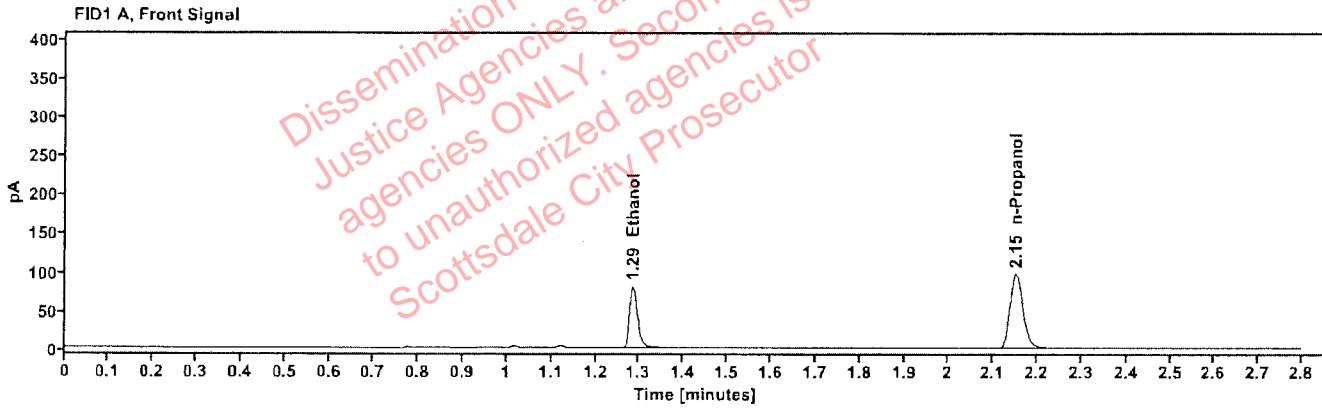


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1352	1.285	103.314
n-Propanol	---	2.151	199.509

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

Compound	Time (min)	Peak Area
Ethanol	1.429	105.470
n-Propanol	2.605	204.299

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2610180-2	Vial:	16
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 4:48:28 PM
Data file:	C:\Chem32\1\Data\10Jun26\16.D	Analyst:	Arroyo

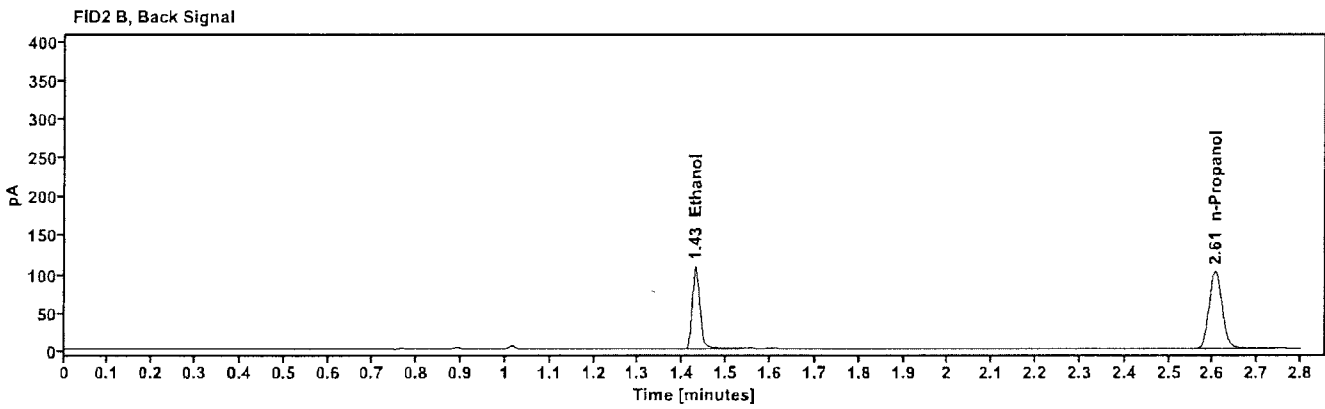
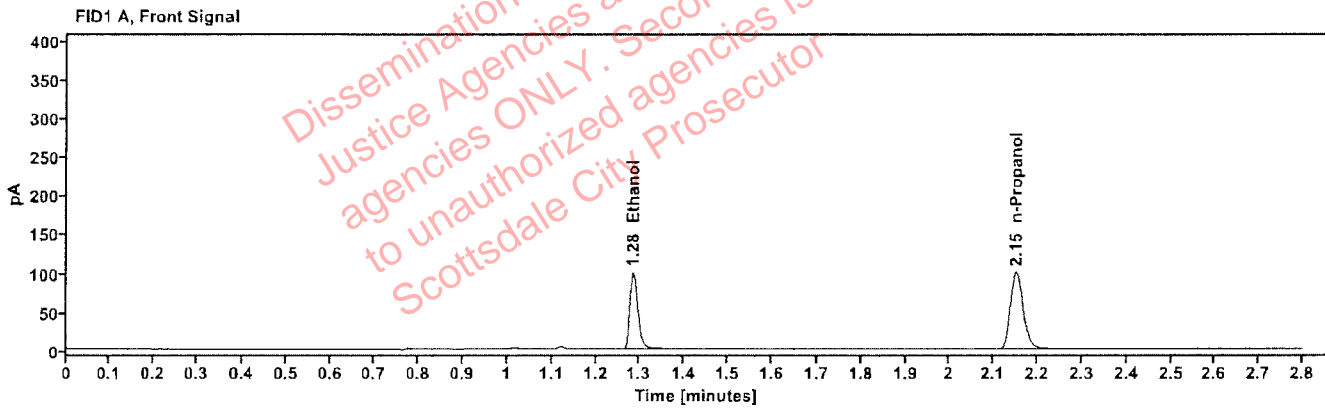


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1618	1.285	127.453
n-Propanol	—	2.151	205.440

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

Compound	Time (min)	Peak Area
Ethanol	1.429	131.205
n-Propanol	2.605	211.228

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2610180-2	Vial:	17
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 4:52:16 PM
Data file:	C:\Chem32\1\Data\10Jun26\17.D	Analyst:	Arroyo

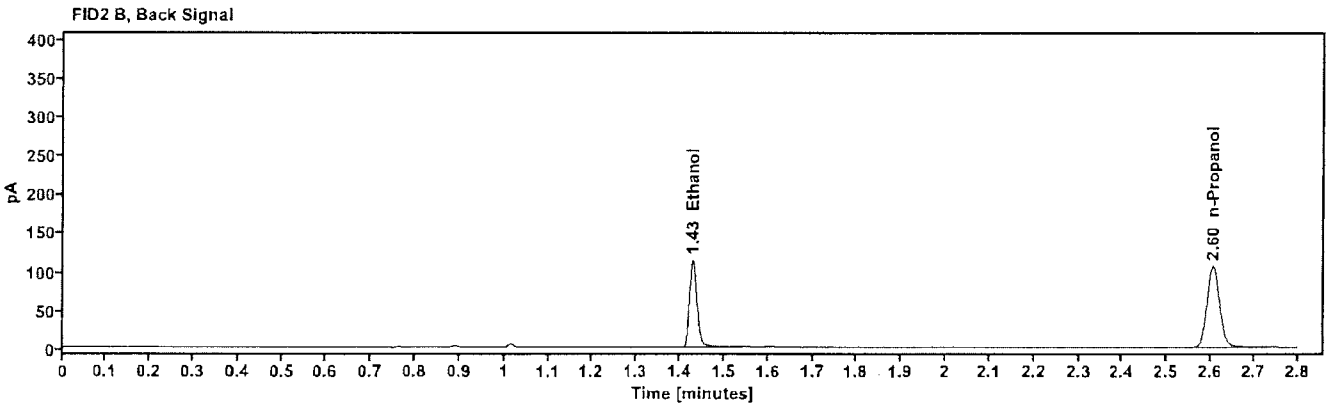
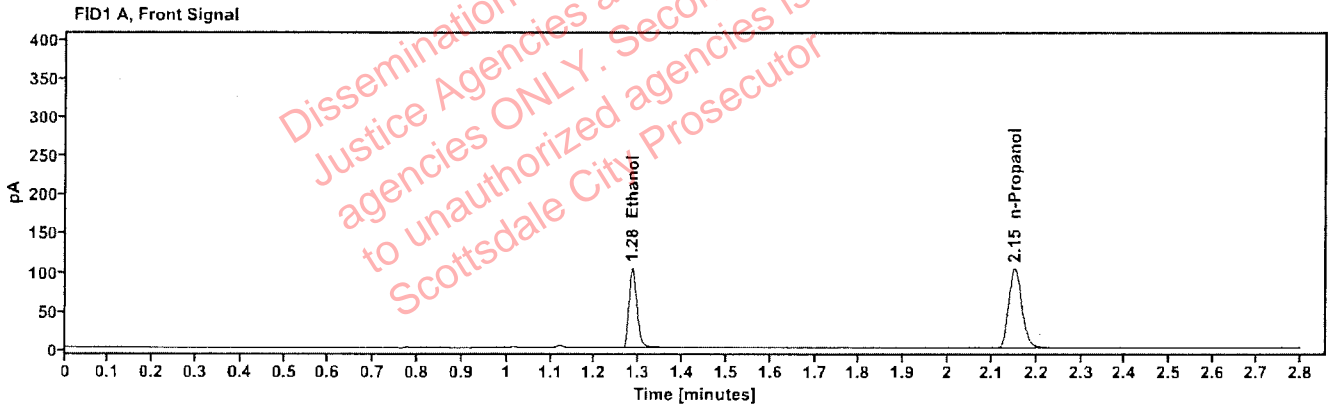


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1631	1.285	132.915
n-Propanol	---	2.151	212.618

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

Compound	Time (min)	Peak Area
Ethanol	1.429	136.896
n-Propanol	2.605	218.421

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	0435-01R.N.	Vial:	18
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 4:56:04 PM
Data file:	C:\Chem32\11\Data\10Jun26\18.D	Analyst:	Arroyo

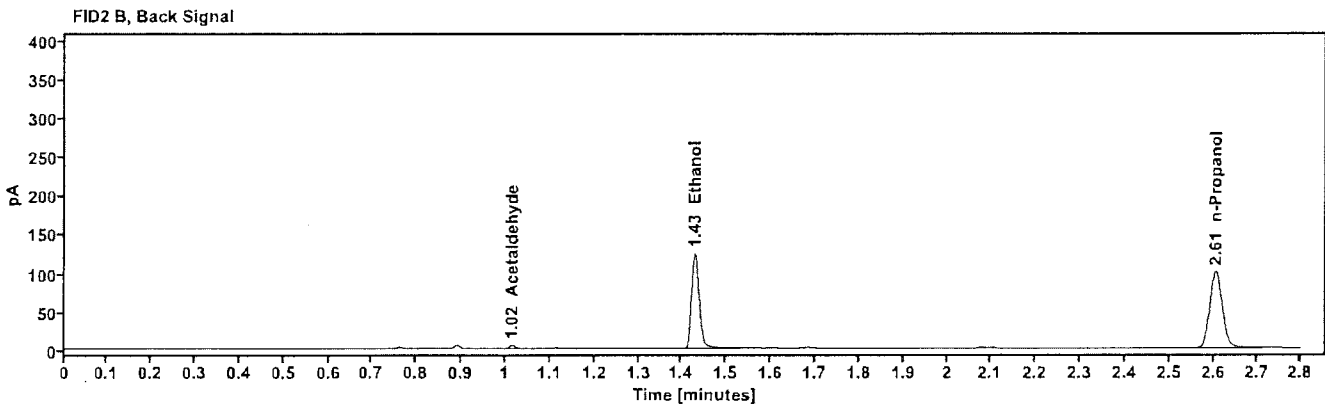
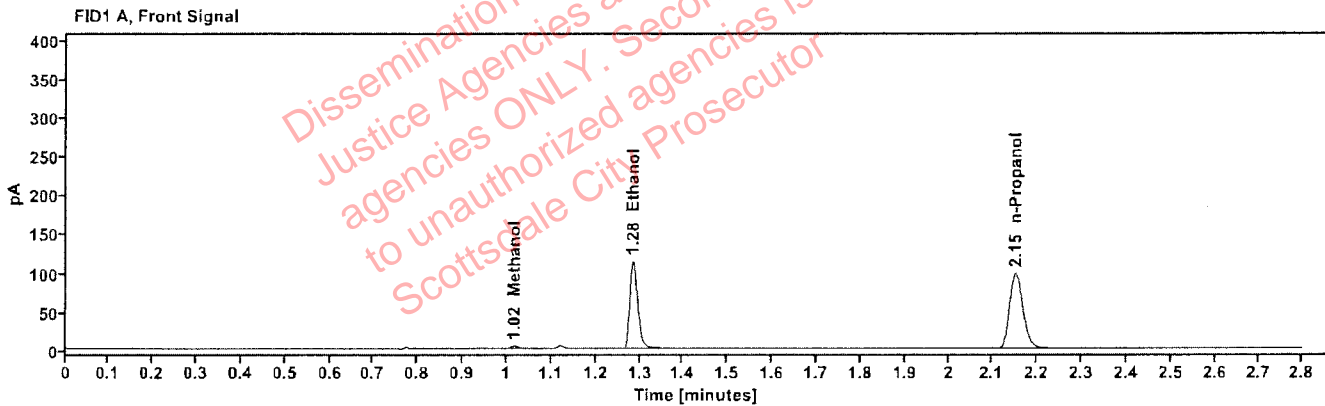


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	---	1.017	4.040
quantified Ethanol	0.1893	1.284	145.159
n-Propanol	---	2.151	199.876

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

Compound	Time (min)	Peak Area
Acetaldehyde	1.015	3.862
Ethanol	1.429	150.963
n-Propanol	2.605	205.621

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	0435-01R.N.	Vial:	19
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 5:01:04 PM
Data file:	C:\Chem32\11\Data\10Jun26\19.D	Analyst:	Arroyo

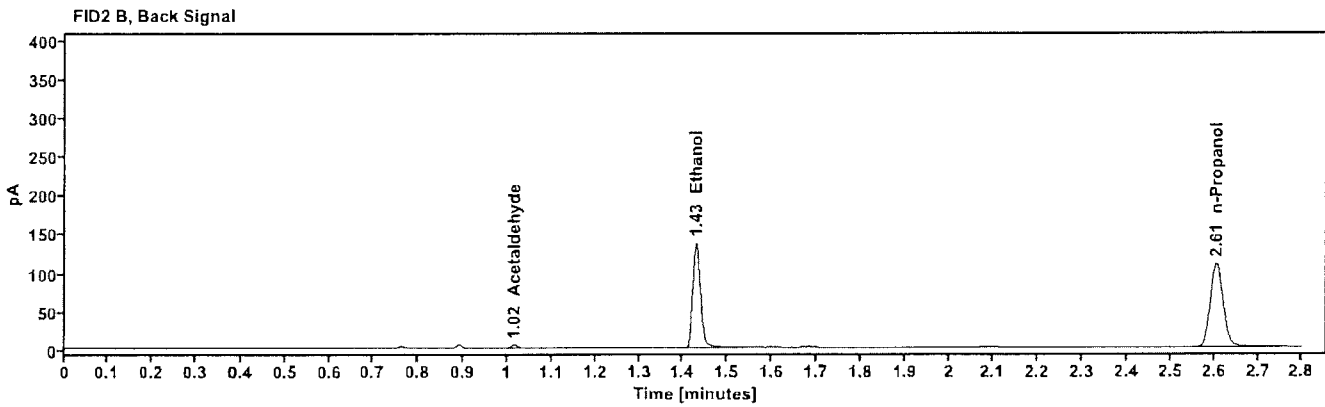
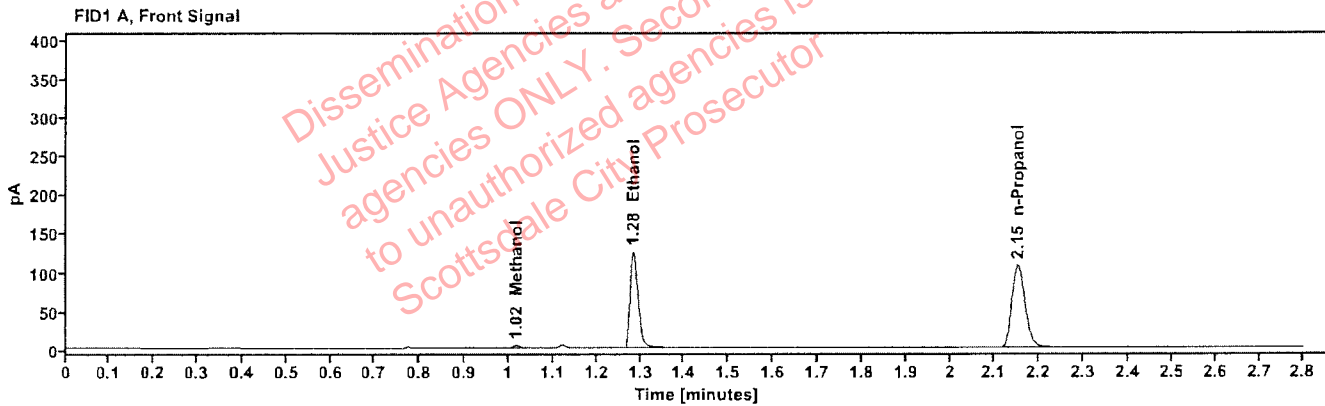


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	----	1.017	3.869
quantified Ethanol	0.1908	1.284	160.226
n-Propanol	----	2.151	218.821

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

Compound	Time (min)	Peak Area
Acetaldehyde	1.015	3.992
Ethanol	1.429	166.458
n-Propanol	2.605	227.005

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	394-01W.M.	Vial:	21
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 5:08:40 PM
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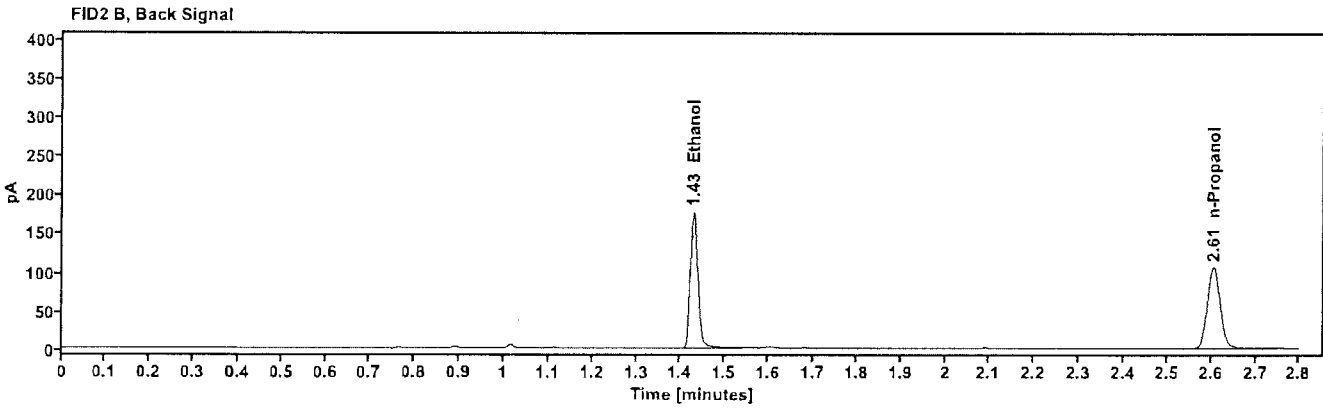
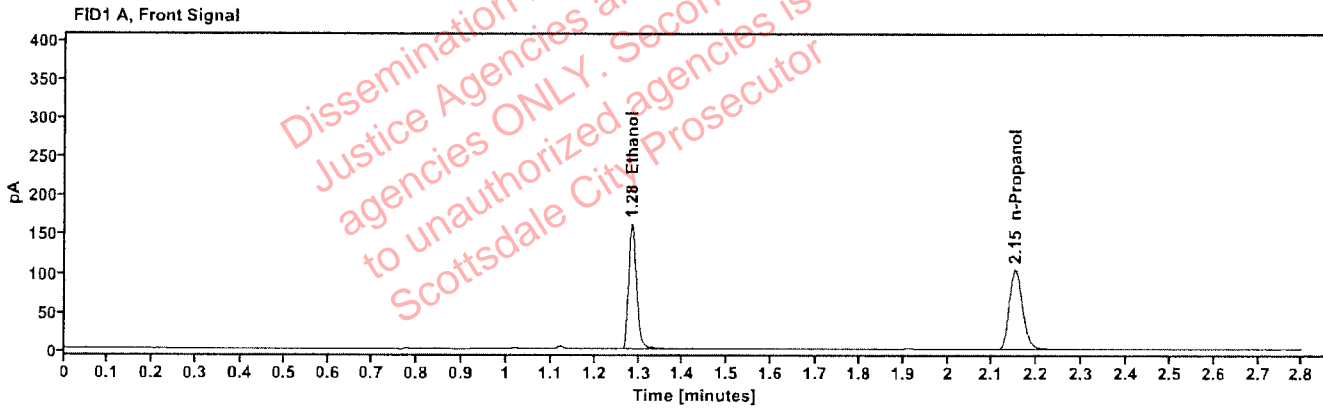


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2508	1.284	205.820
n-Propanol	—	2.151	213.666

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

Compound	Time (min)	Peak Area
Ethanol	1.429	211.974
n-Propanol	2.605	219.927

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	394-01W.M.	Vial:	22
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 5:12:27 PM
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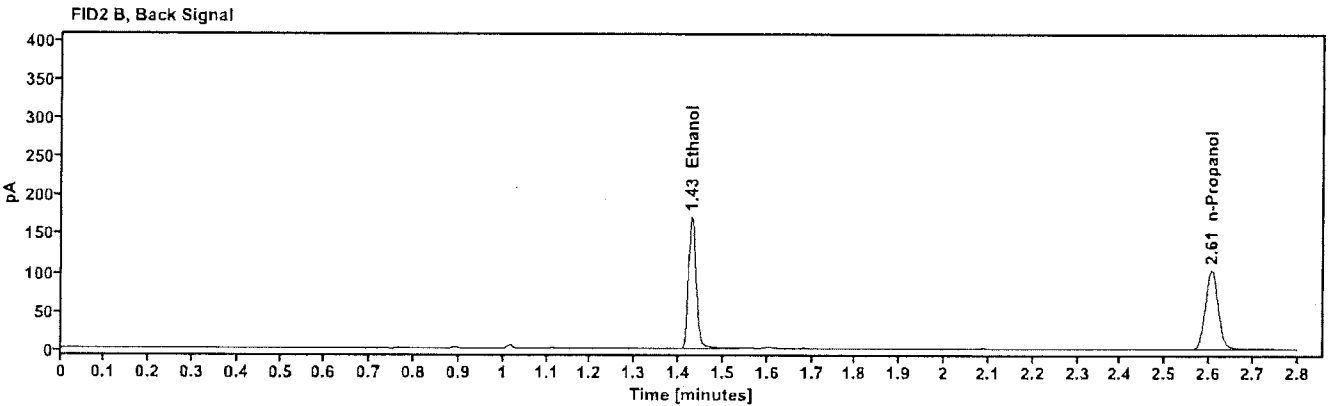
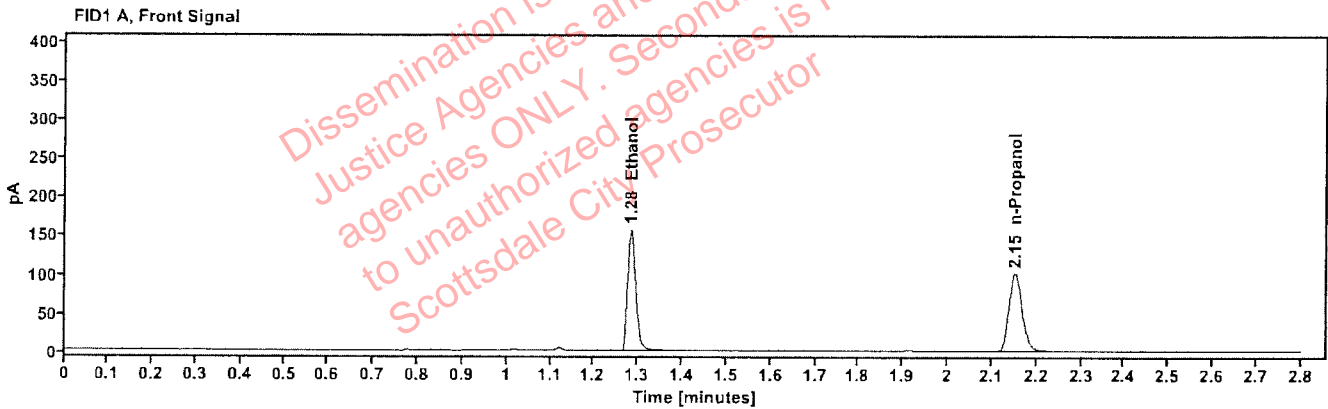


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2503	1.284	199.148
n-Propanol	---	2.151	207.118

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

Compound	Time (min)	Peak Area
Ethanol	1.429	205.164
n-Propanol	2.605	213.176

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2610497-1	Vial:	23
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 5:16:16 PM
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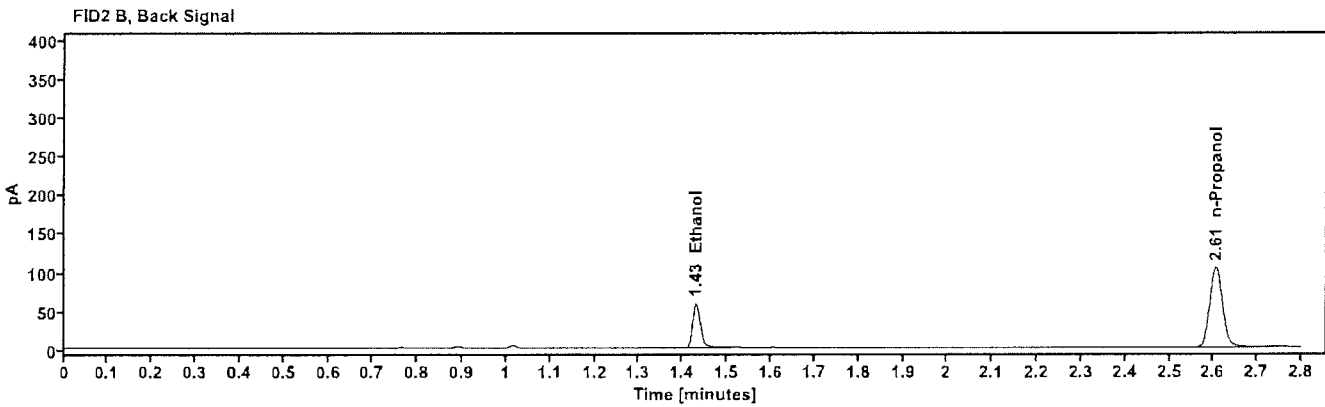
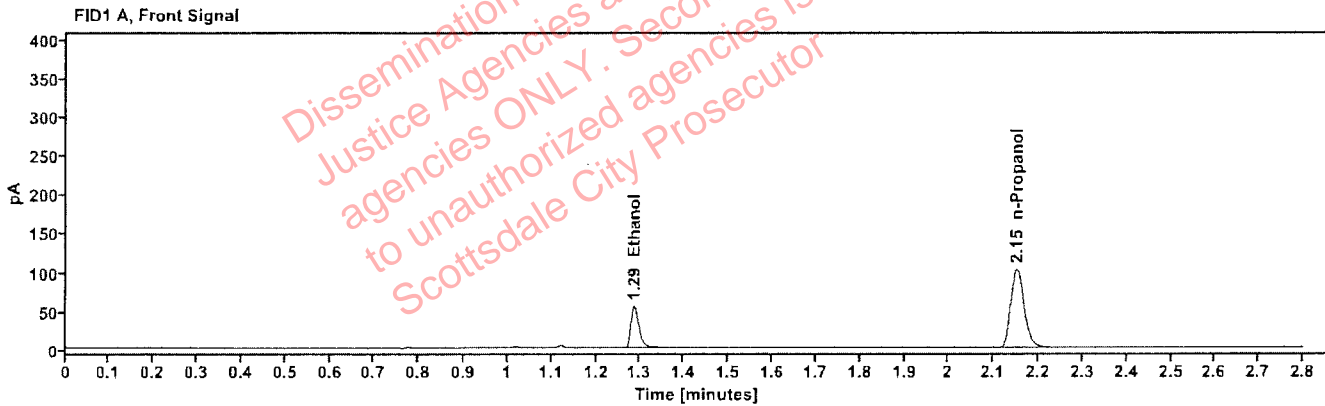


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0865	1.286	69.350
n-Propanol	---	2.151	210.172

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

Compound	Time (min)	Peak Area
Ethanol	1.430	70.971
n-Propanol	2.605	215.690

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2610497-1	Vial:	24
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 5:20:04 PM
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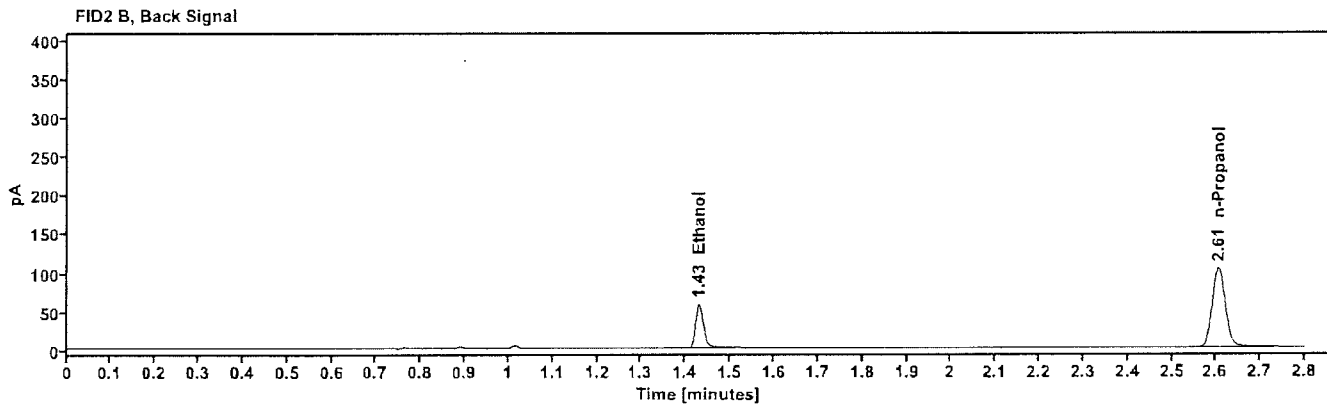
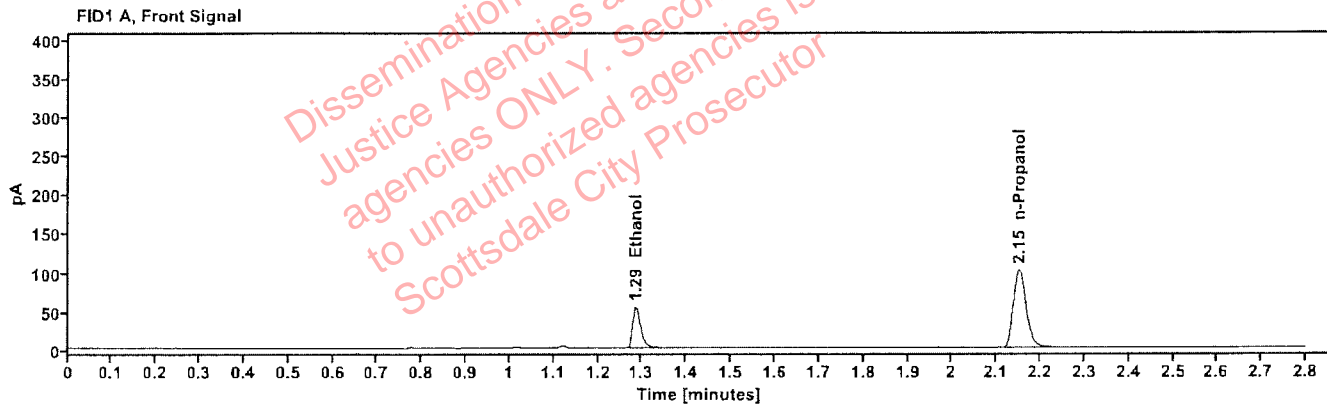


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0866	1.286	68.700
n-Propanol	---	2.151	207.941

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

Compound	Time (min)	Peak Area
Ethanol	1.430	70.258
n-Propanol	2.605	213.347

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2610506-2	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 5:25:04 PM
Data file:	C:\Chem32\1\Data\10Jun26\25.D	Analyst:	Arroyo

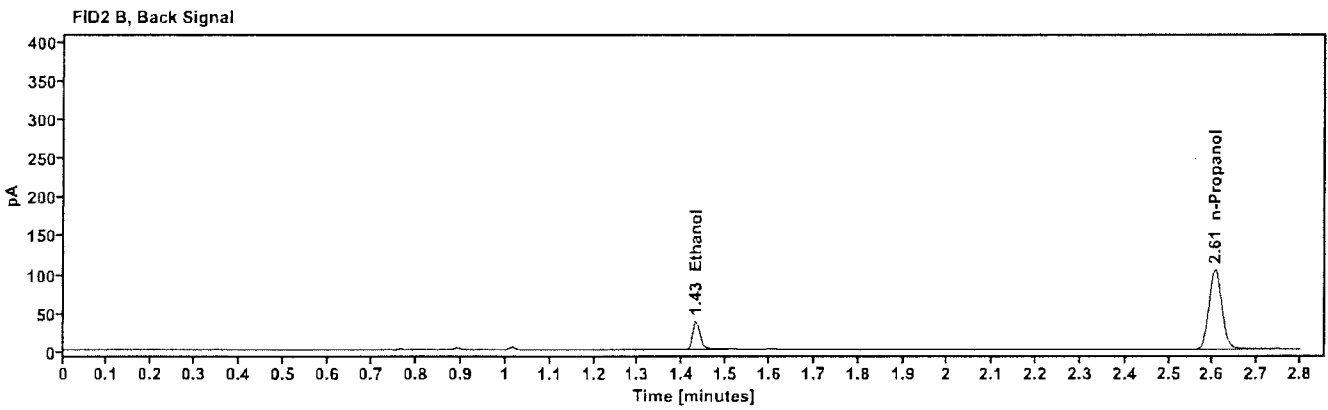
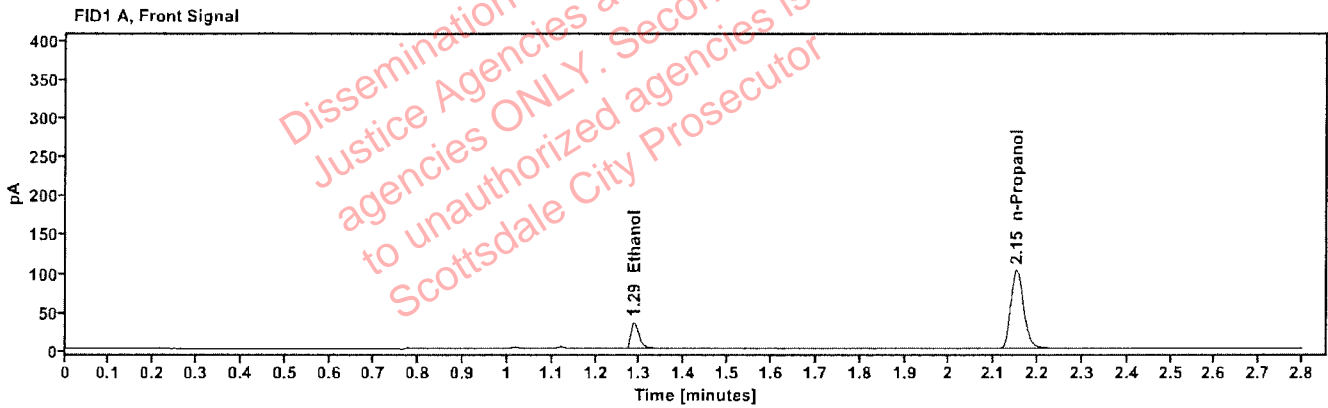


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0558	1.287	44.312
n-Propanol	---	2.151	209.377

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

Compound	Time (min)	Peak Area
Ethanol	1.430	45.245
n-Propanol	2.605	215.097

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2610506-2	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 5:28:52 PM
Data file:	C:\Chem32\1\Data\10Jun26\26.D	Analyst:	Arroyo

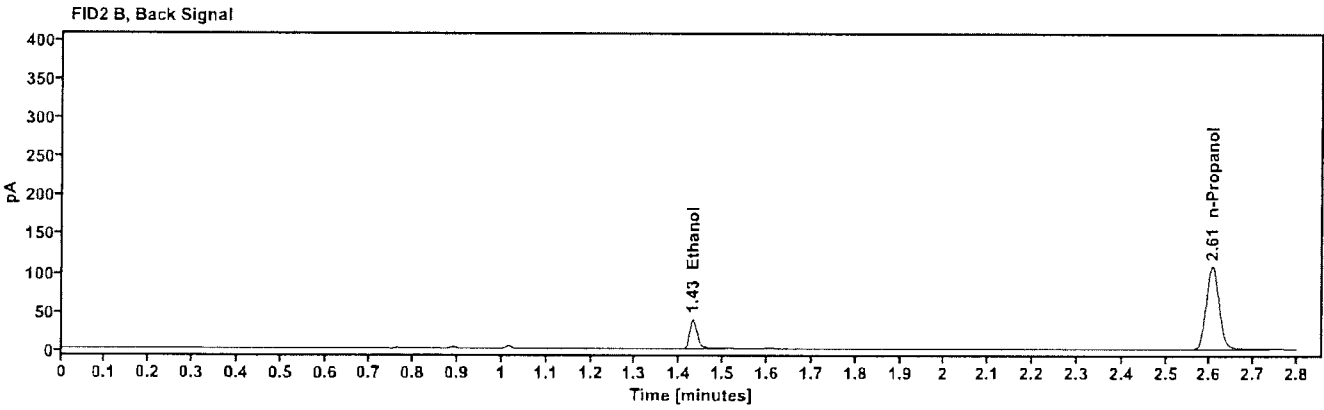
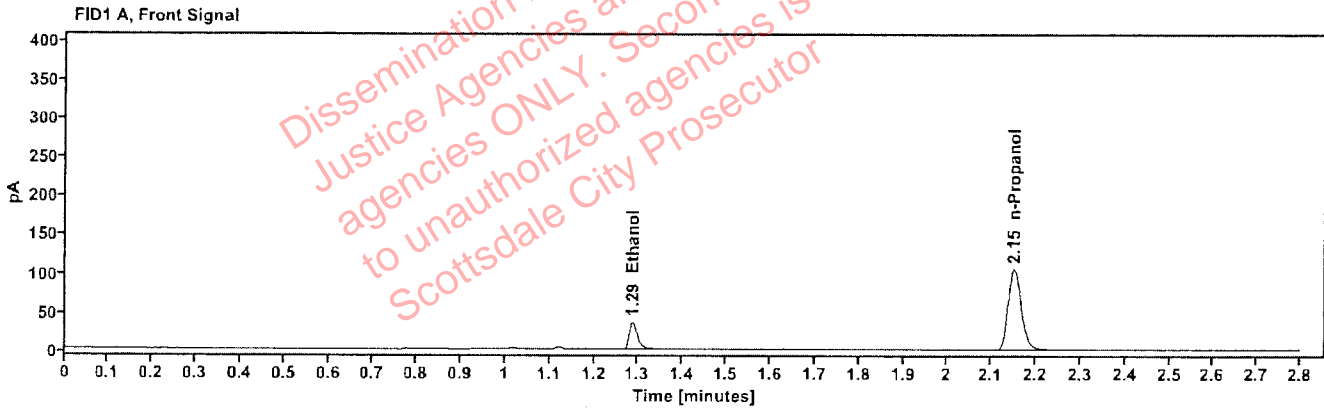


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0557	1.287	45.596
n-Propanol	---	2.151	216.064

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

Compound	Time (min)	Peak Area
Ethanol	1.430	46.613
n-Propanol	2.605	221.884

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2610489-1	Vial:	27
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 5:32:40 PM
Data file:	C:\Chem32\1\Data\10Jun26\27.D	Analyst:	Arroyo

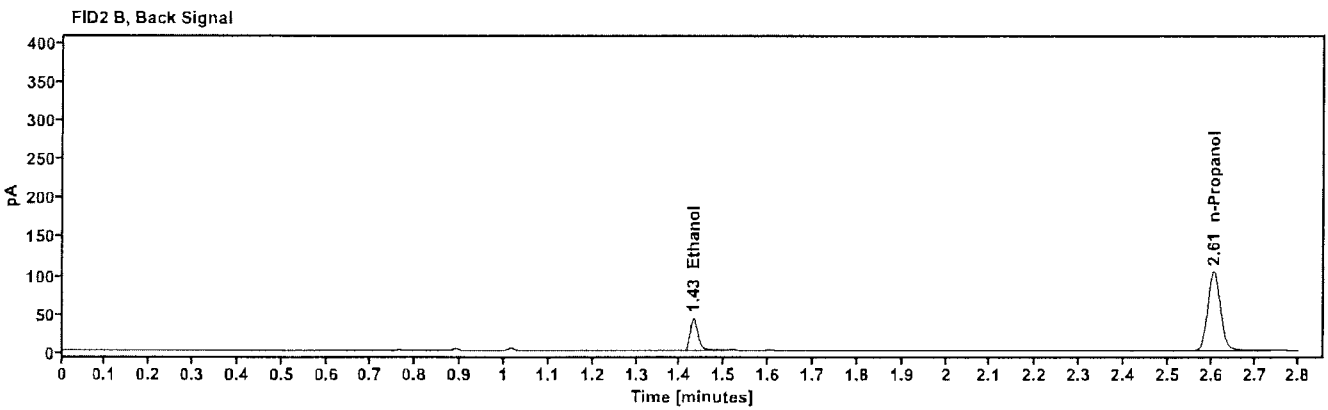
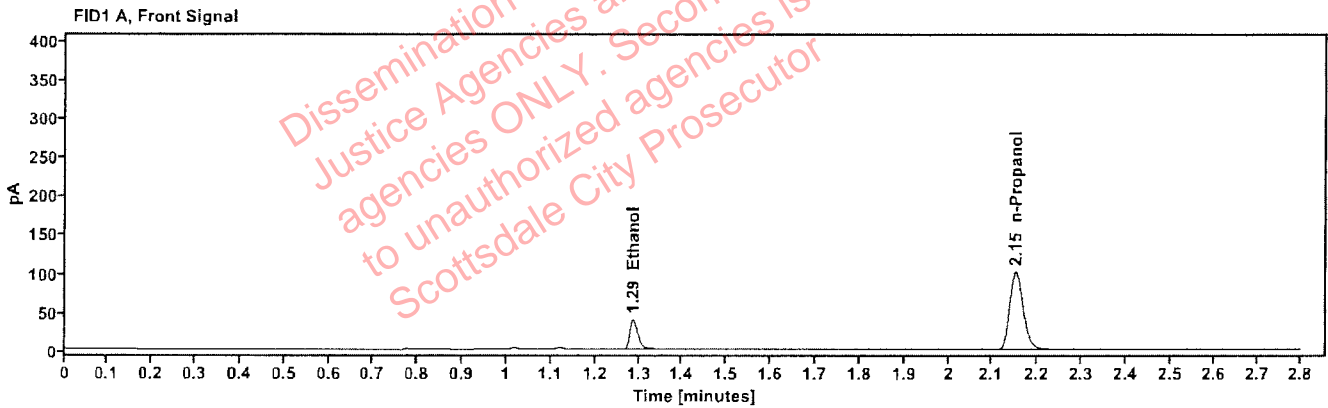


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0644	1.287	50.845
n-Propanol	---	2.151	207.981

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

Compound	Time (min)	Peak Area
Ethanol	1.430	51.730
n-Propanol	2.605	213.677

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2610489-1	Vial:	28
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 5:36:28 PM
Data file:	C:\Chem3211\Data\10Jun26\28.D	Analyst:	Arroyo

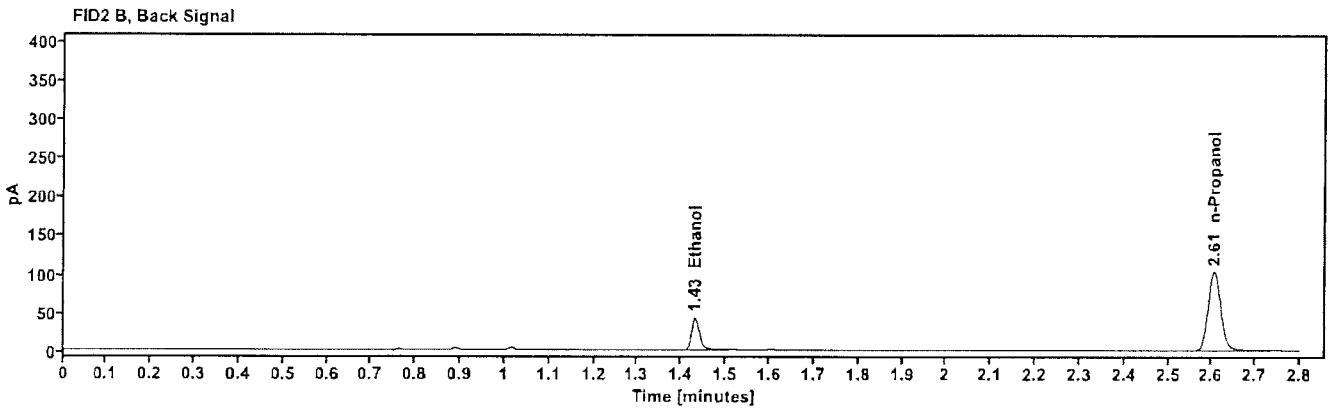
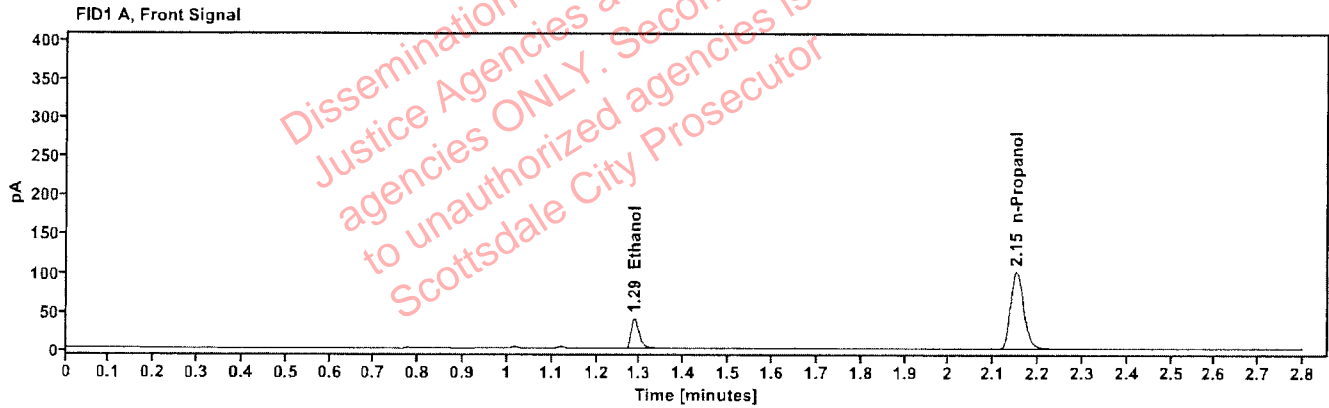


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0643	1.287	50.557
n-Propanol	---	2.151	207.080

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

Compound	Time (min)	Peak Area
Ethanol	1.430	51.594
n-Propanol	2.605	212.668

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2610528-1	Vial:	29
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 5:40:15 PM
Data file:	C:\Chem3211\Data\10Jun26\29.D	Analyst:	Arroyo

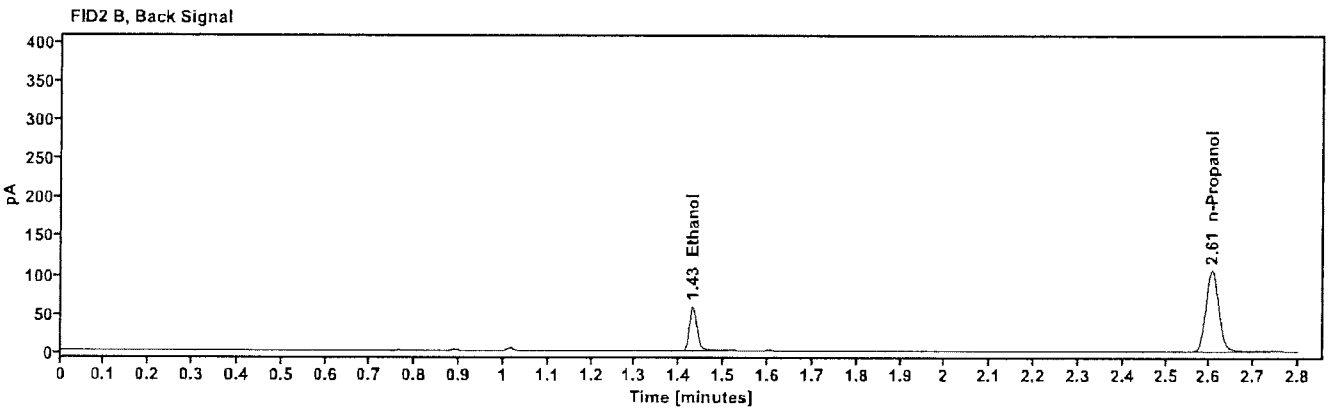
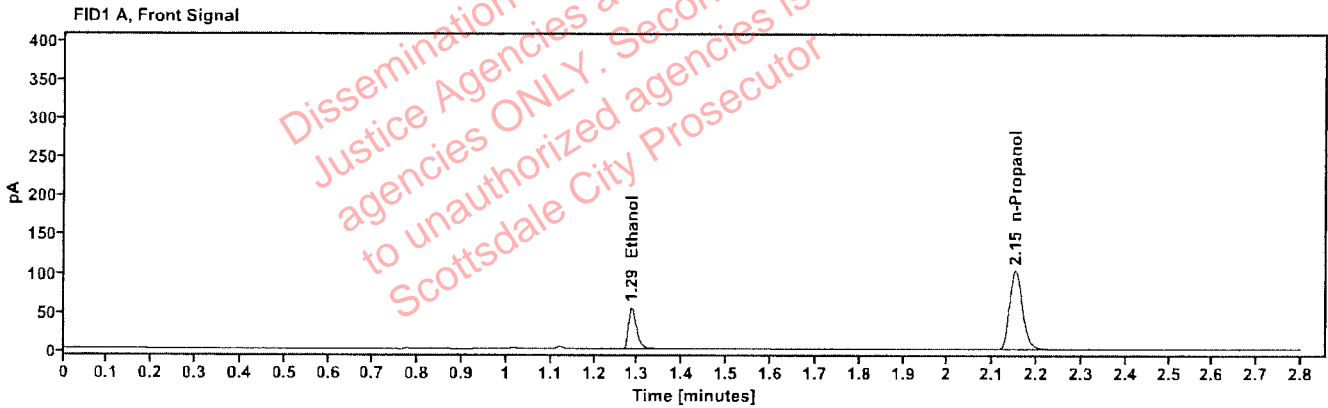


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0856	1.286	68.924
n-Propanol	---	2.151	211.182

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

Compound	Time (min)	Peak Area
Ethanol	1.430	70.397
n-Propanol	2.605	216.874

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2610528-1	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 5:44:04 PM
Data file:	C:\Chem32\1\Data\10Jun26\30.D	Analyst:	Arroyo

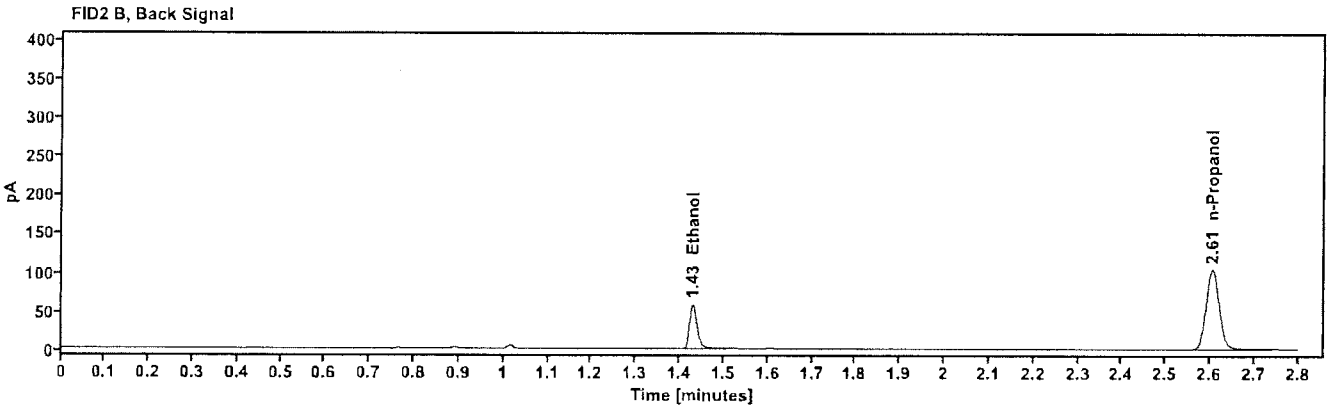
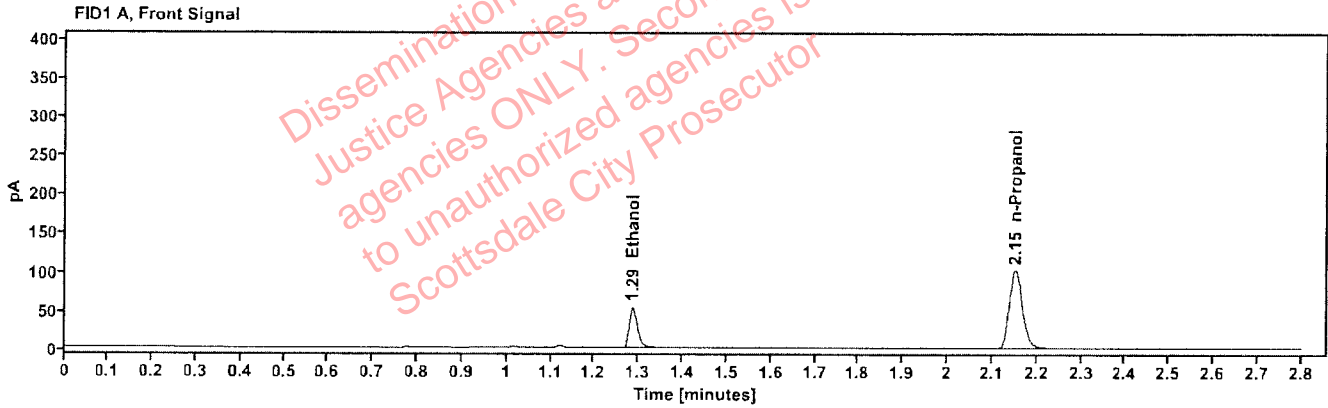


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0857	1.286	68.340
n-Propanol	---	2.151	209.235

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

Compound	Time (min)	Peak Area
Ethanol	1.430	69.757
n-Propanol	2.605	214.904

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2610426-1	Vial:	32
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 5:52:52 PM
Data file:	C:\Chem32\1\Data\10Jun26\32.D	Analyst:	Arroyo

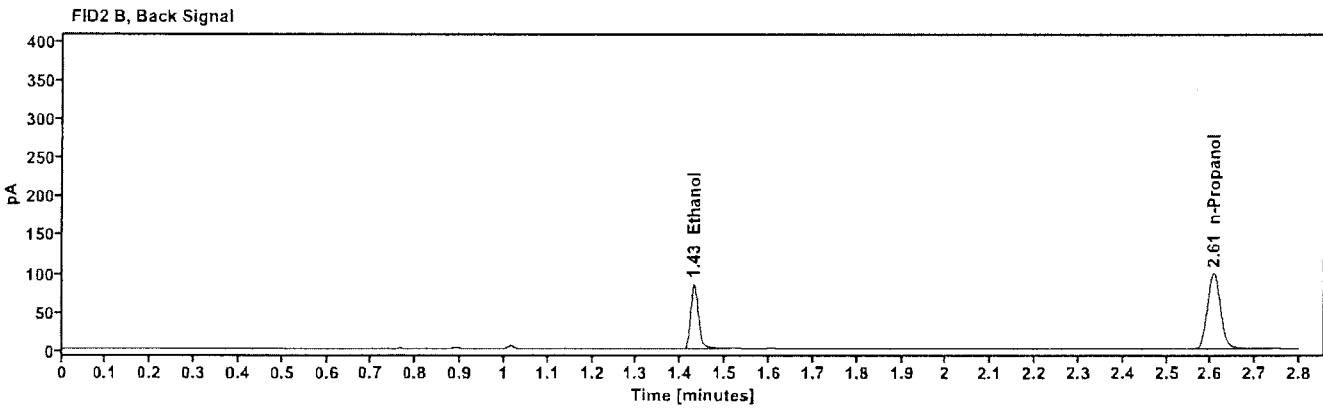
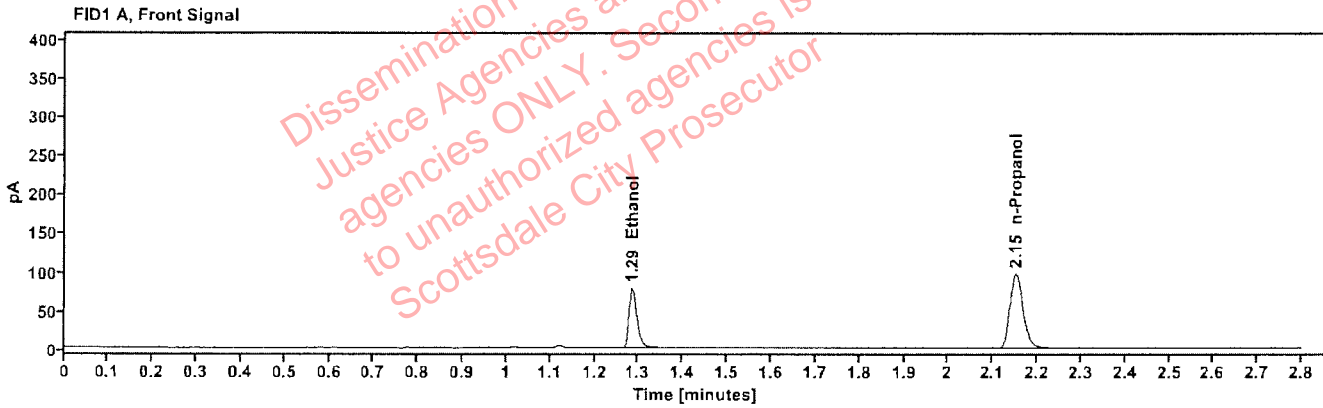


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1308	1.285	99.506
n-Propanol	---	2.151	198.689

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

Compound	Time (min)	Peak Area
Ethanol	1.429	101.826
n-Propanol	2.606	203.913

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2610426-1	Vial:	33
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 5:56:40 PM
Data file:	C:\Chem32\1\Data\10Jun26\33.D	Analyst:	Arroyo

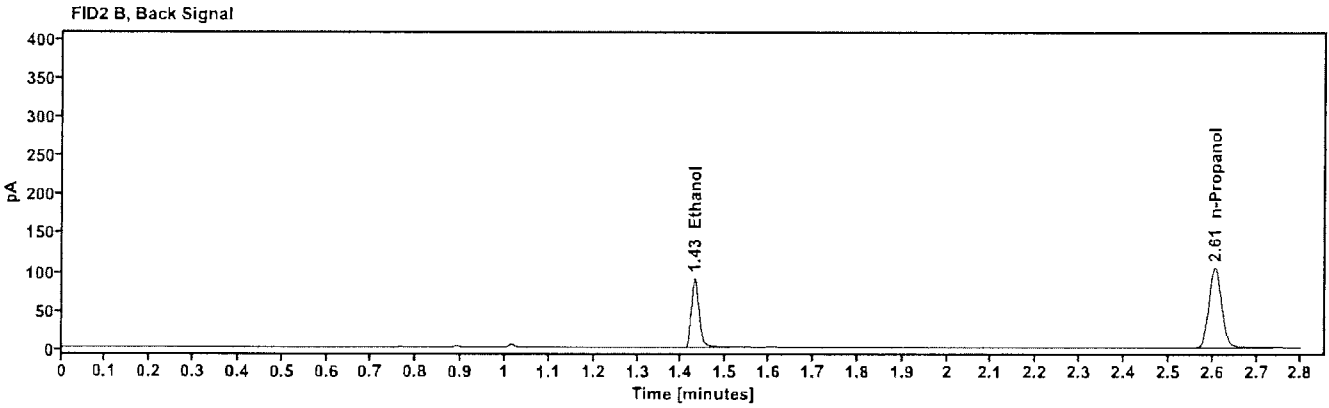
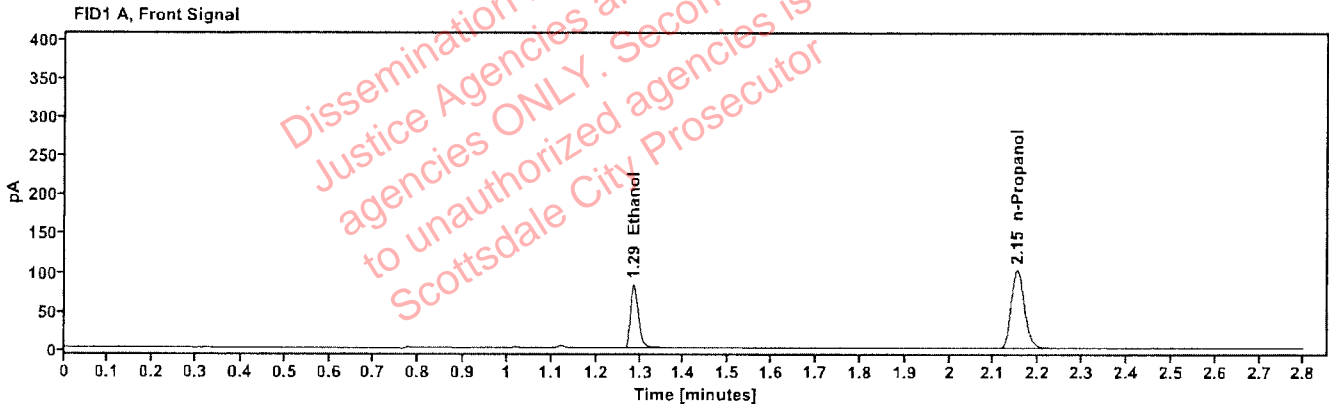


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1318	1.285	105.819
n-Propanol	---	2.151	209.737

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

Compound	Time (min)	Peak Area
Ethanol	1.429	108.188
n-Propanol	2.605	215.355

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2610476-1	Vial:	34
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 6:00:28 PM
Data file:	C:\Chem32\1\Data\10Jun26\34.D	Analyst:	Arroyo

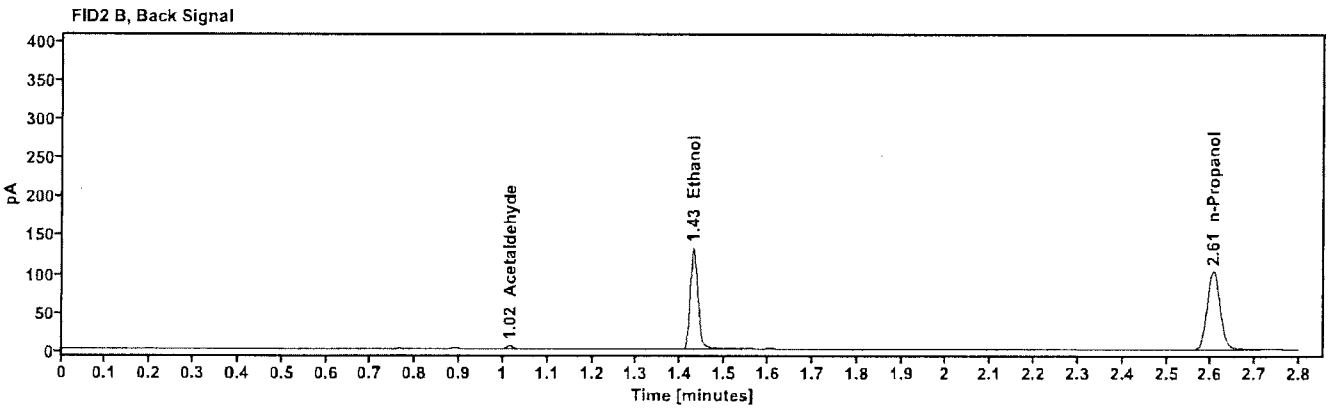
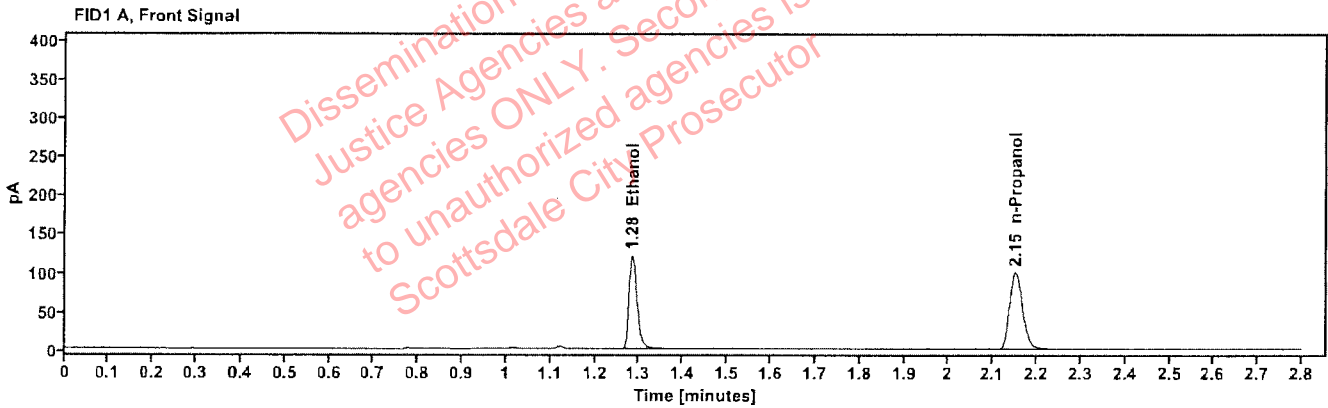


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1961	1.284	154.778
n-Propanol	---	2.151	205.732

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

Compound	Time (min)	Peak Area
Acetaldehyde	1.015	3.786
Ethanol	1.429	159.441
n-Propanol	2.605	209.742

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2610476-1	Vial:	35
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 6:04:16 PM
Data file:	C:\Chem32\1\Data\10Jun26\35.D	Analyst:	Arroyo

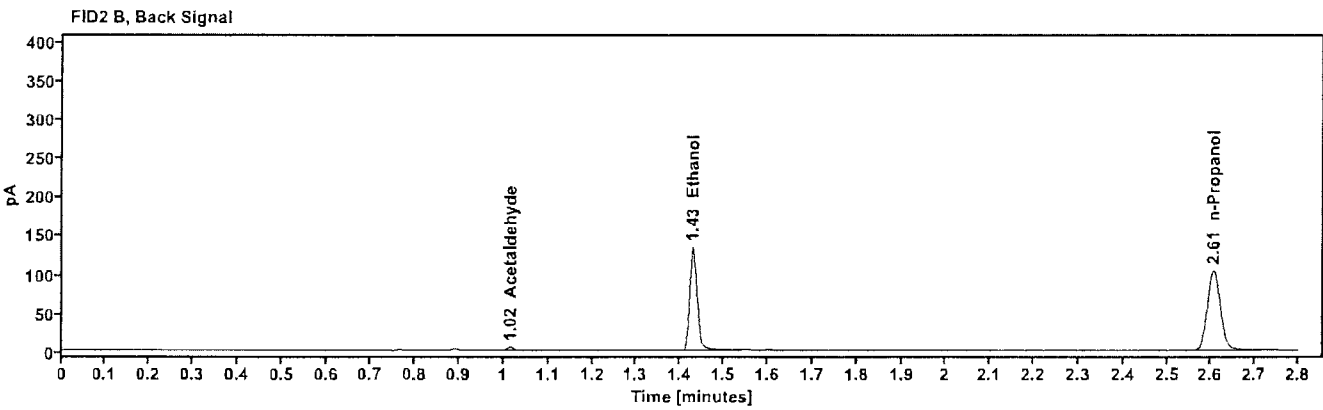
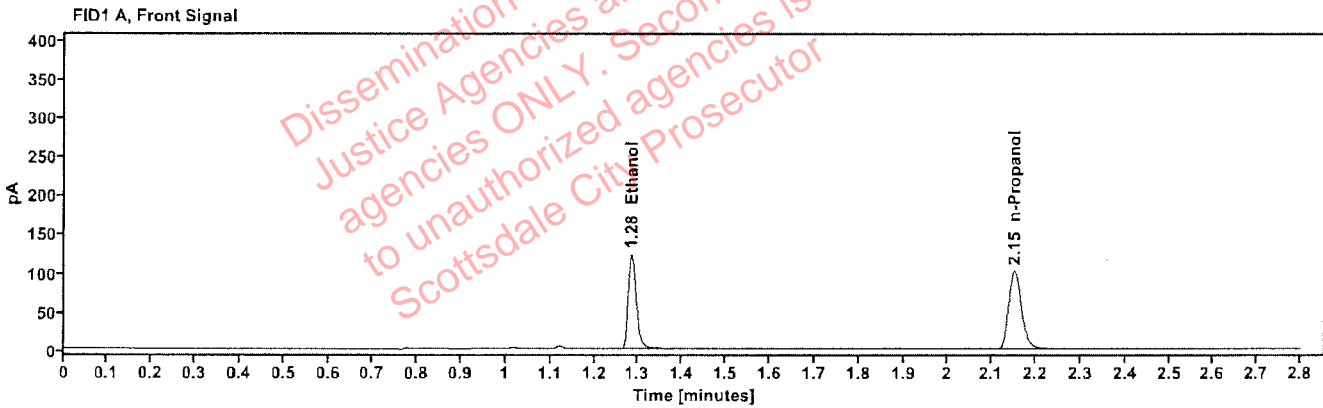


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1958	1.284	156.643
n-Propanol	---	2.151	208.472

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

Compound	Time (min)	Peak Area
Acetaldehyde	1.015	3.762
Ethanol	1.429	161.499
n-Propanol	2.605	213.363

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2610530-2	Vial:	36
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 6:08:03 PM
Data file:	C:\Chem32\1\Data\10Jun26\36.D	Analyst:	Arroyo

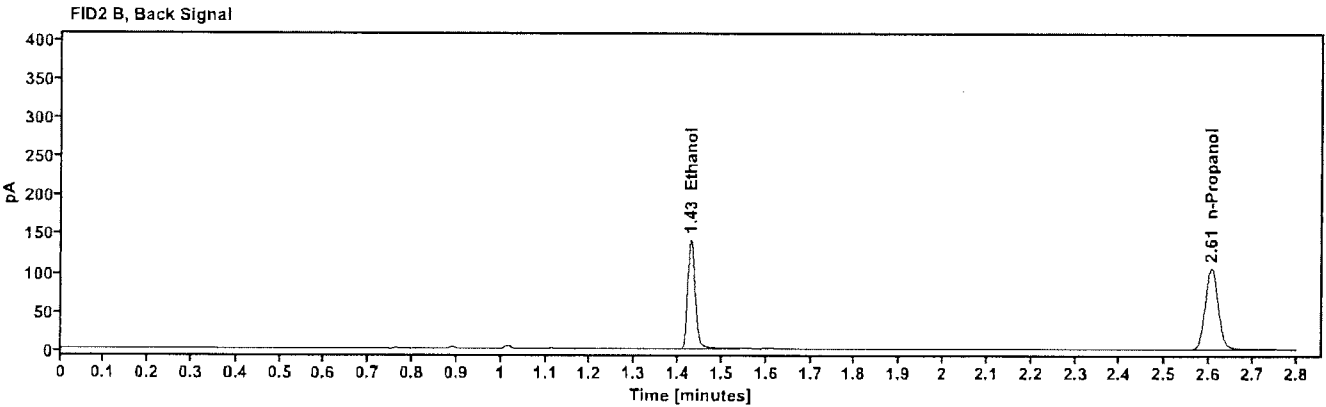
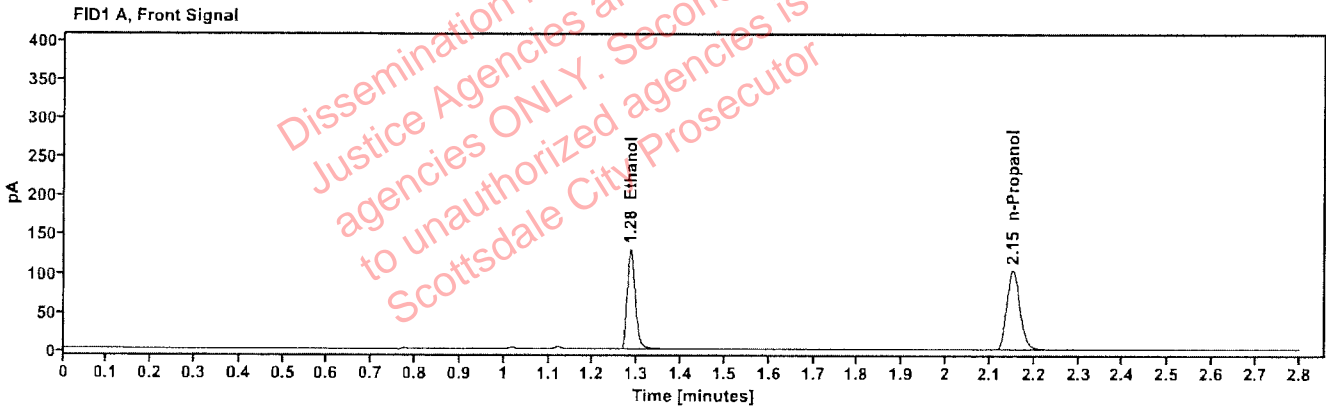


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2029	1.284	165.250
n-Propanol	---	2.151	212.204

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

Compound	Time (min)	Peak Area
Ethanol	1.429	170.251
n-Propanol	2.605	218.412

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2610530-2	Vial:	37
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 6:13:04 PM
Data file:	C:\Chem3211\Data\10Jun26\37.D	Analyst:	Arroyo

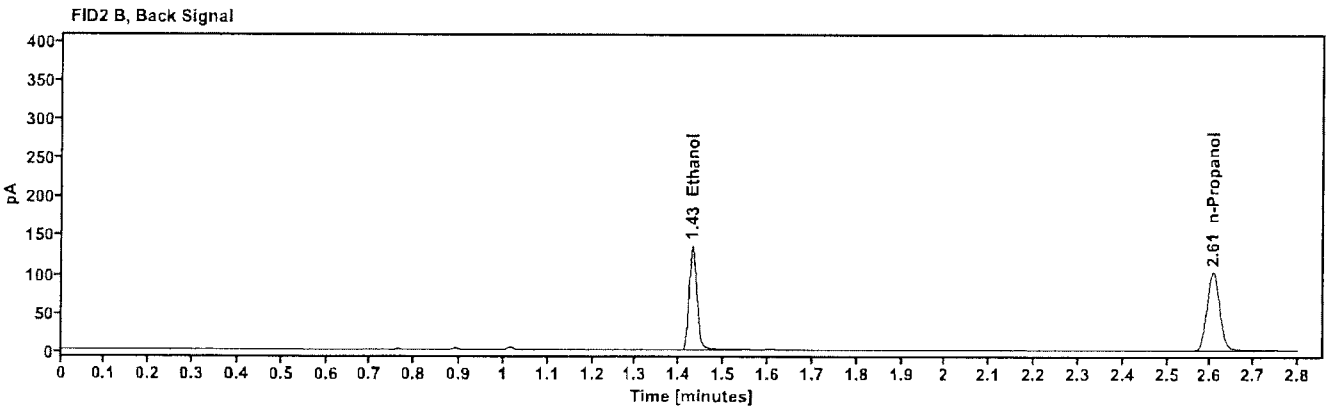
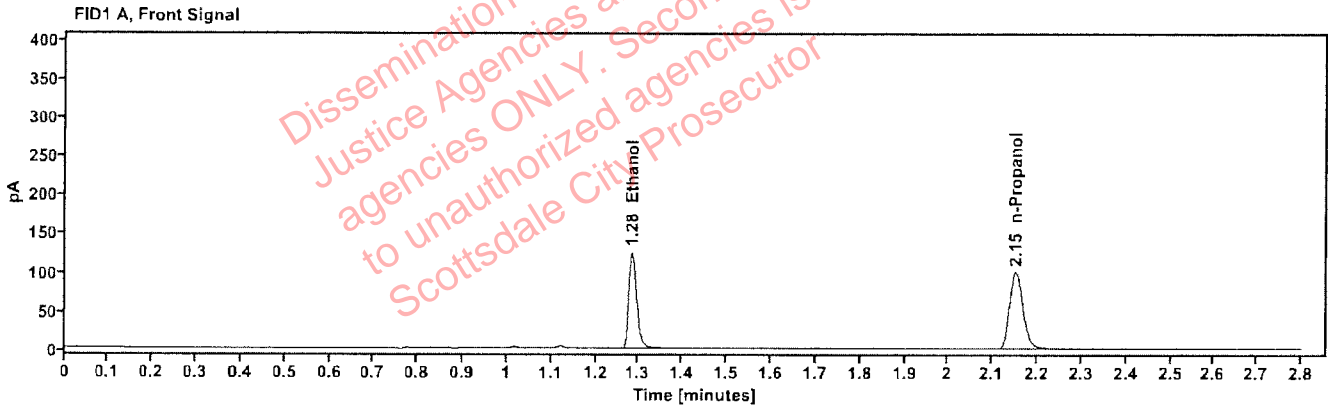


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.2020	1.284	159.109
n-Propanol	---	2.151	205.250

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

Compound	Time (min)	Peak Area
Ethanol	1.429	163.893
n-Propanol	2.605	211.117

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2610577-1	Vial:	38
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 6:16:52 PM
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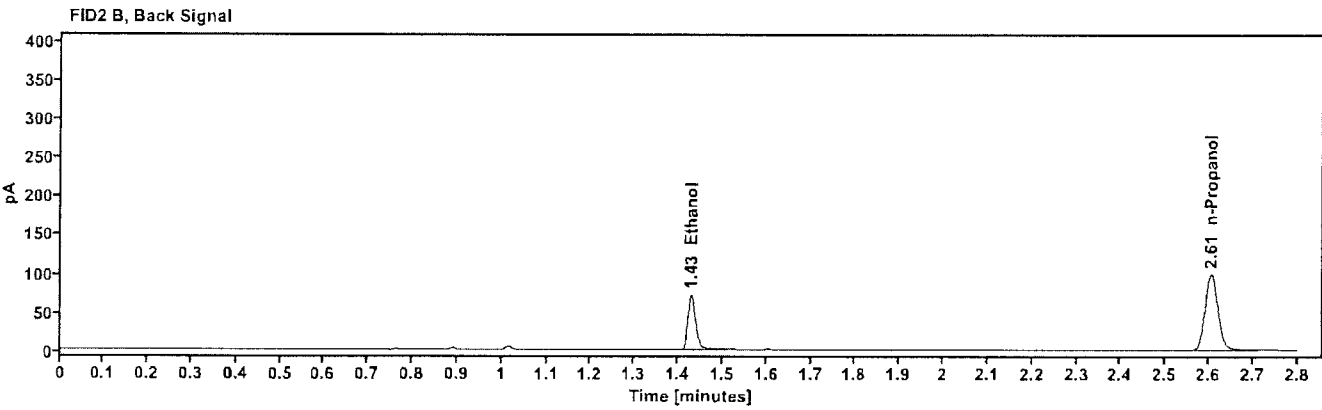
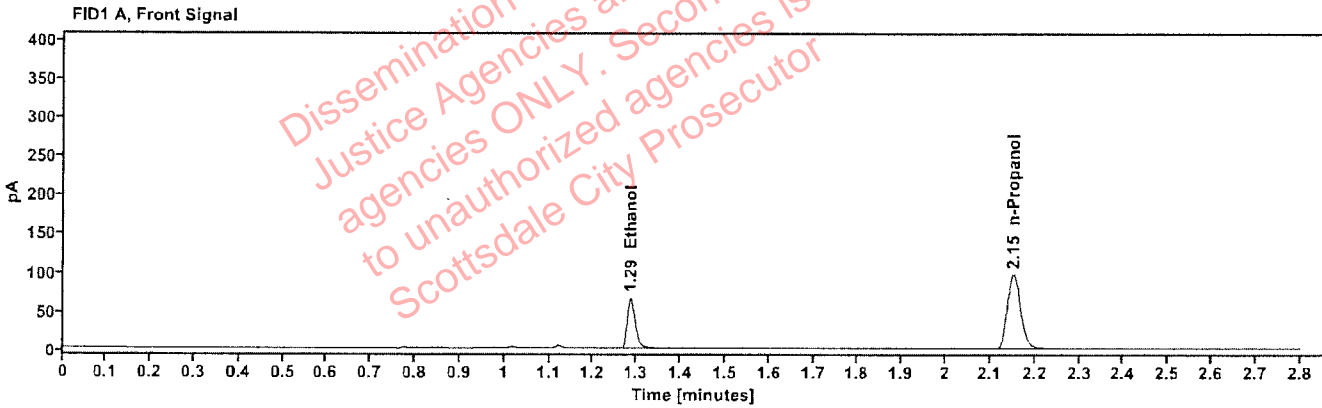


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1112	1.286	84.229
n-Propanol	---	2.151	198.180

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

Compound	Time (min)	Peak Area
Ethanol	1.430	86.129
n-Propanol	2.605	202.026

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 2610577-1	Vial: 39
Description: ██████████	LIMS ID: ██████████
Method: ethanol quant.M	Sequence: 10Jun26
Instrument: US2320A024 US23180007	Injection date: 6/10/2026 6:20:40 PM
Data file: C:\Chem32\1\Data\10Jun26\39.D	Analyst: Arroyo

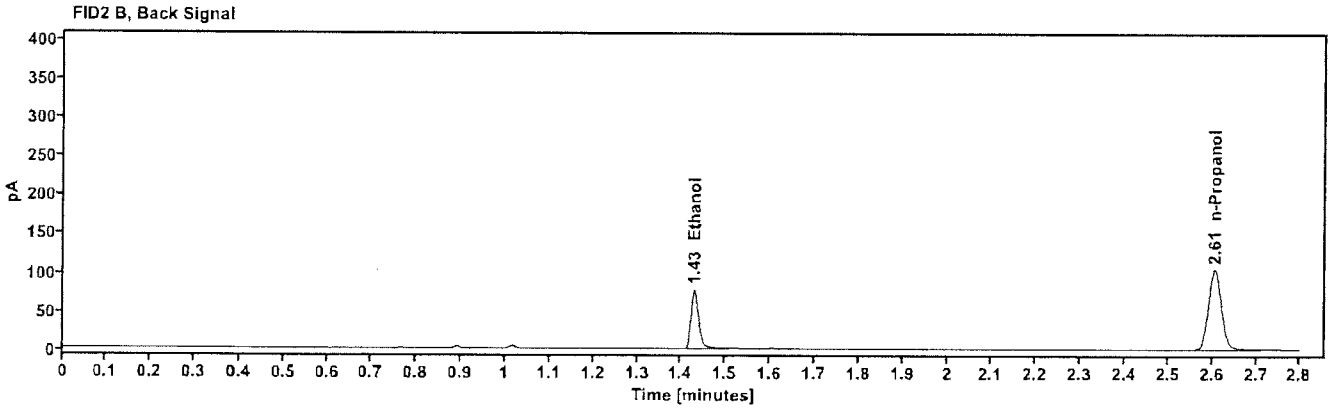
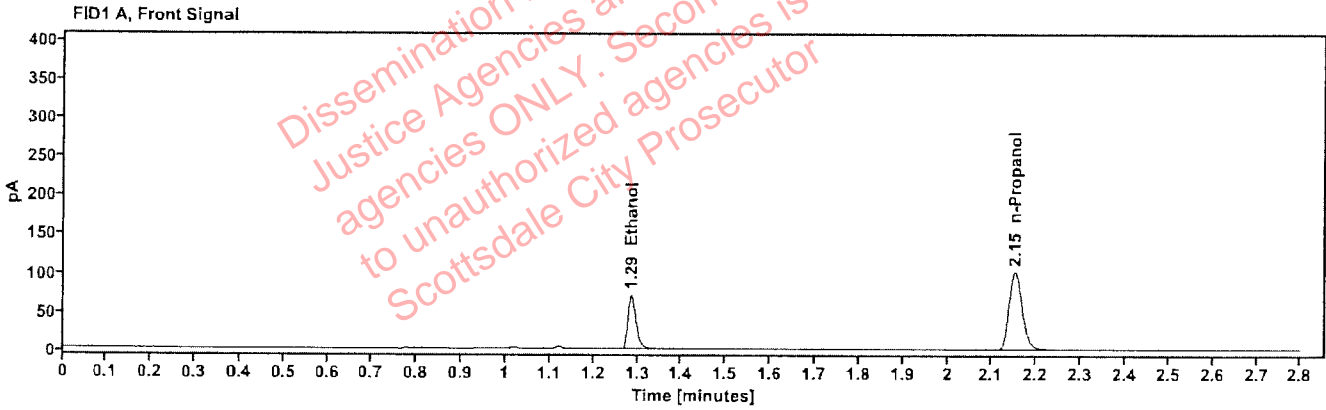


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.1125	1.286	89.819
n-Propanol	---	2.151	208.851

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

Compound	Time (min)	Peak Area
Ethanol	1.429	91.916
n-Propanol	2.605	212.840

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2610504-1	Vial:	40
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 6:24:28 PM
Data file:	C:\Chem32\1\Data\10Jun26\40.D	Analyst:	Arroyo

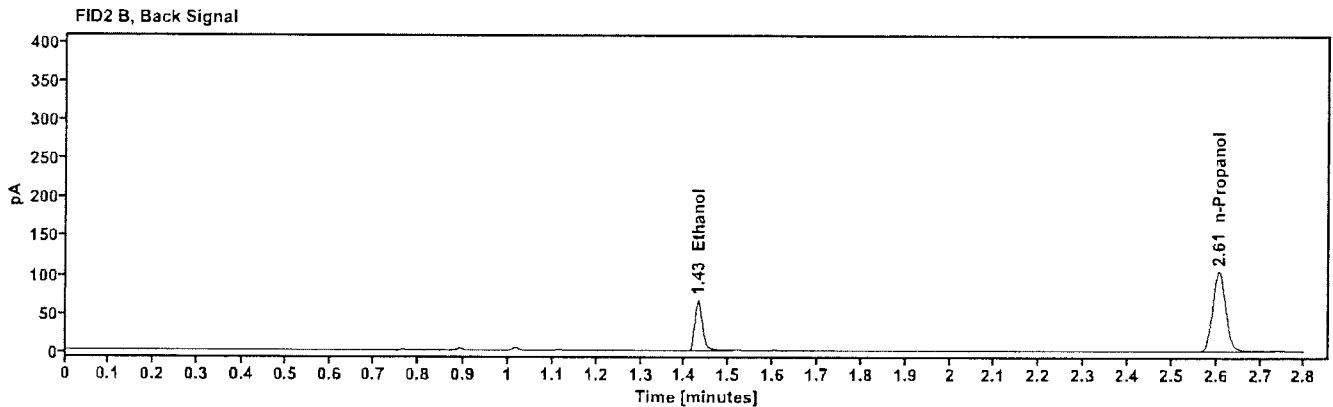
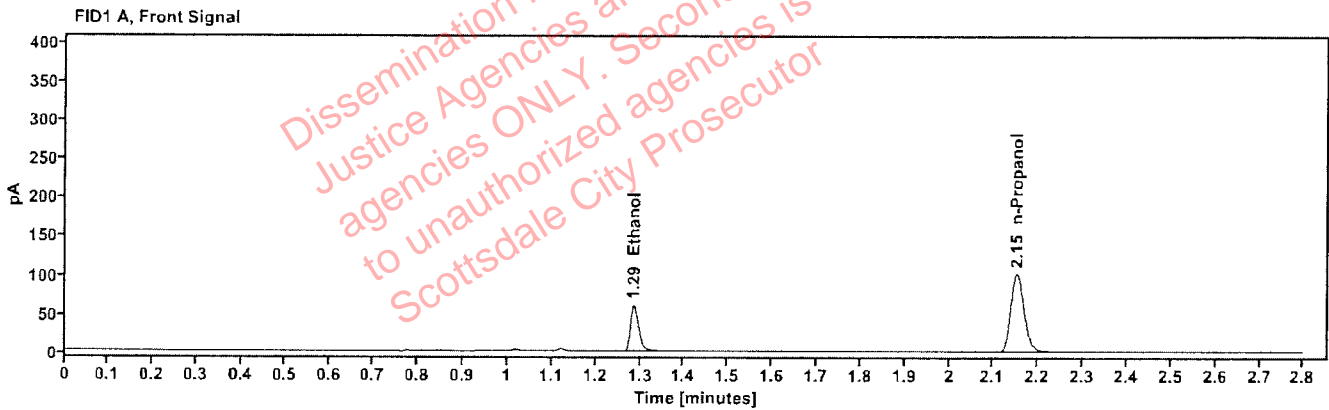


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0965	1.286	77.033
n-Propanol	---	2.151	209.011

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

Compound	Time (min)	Peak Area
Ethanol	1.430	78.761
n-Propanol	2.606	214.588

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2610504-1	Vial:	41
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	10Jun26
Instrument:	US2320A024 US23180007	Injection date:	6/10/2026 6:28:16 PM
Data file:	C:\Chem32\1\Data\10Jun26\41.D	Analyst:	Arroyo

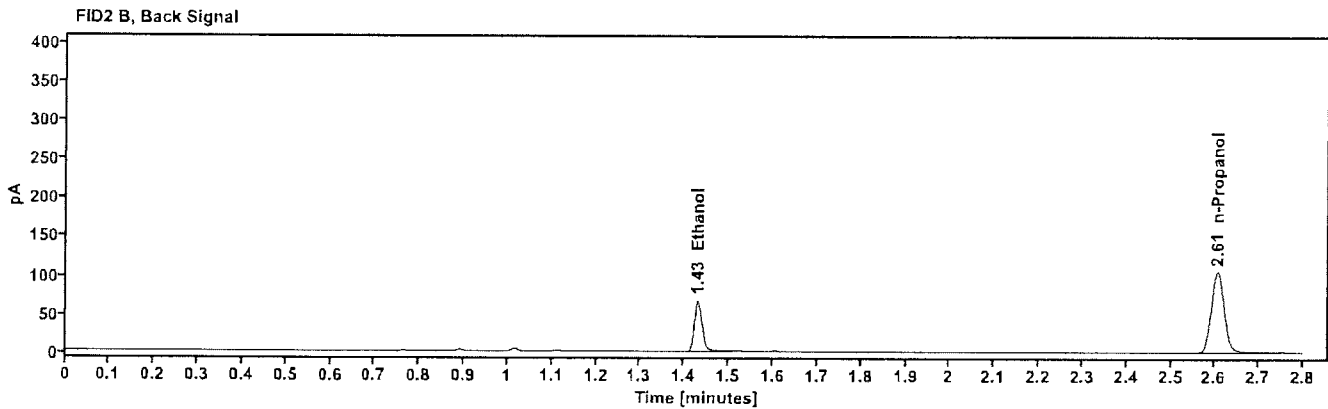
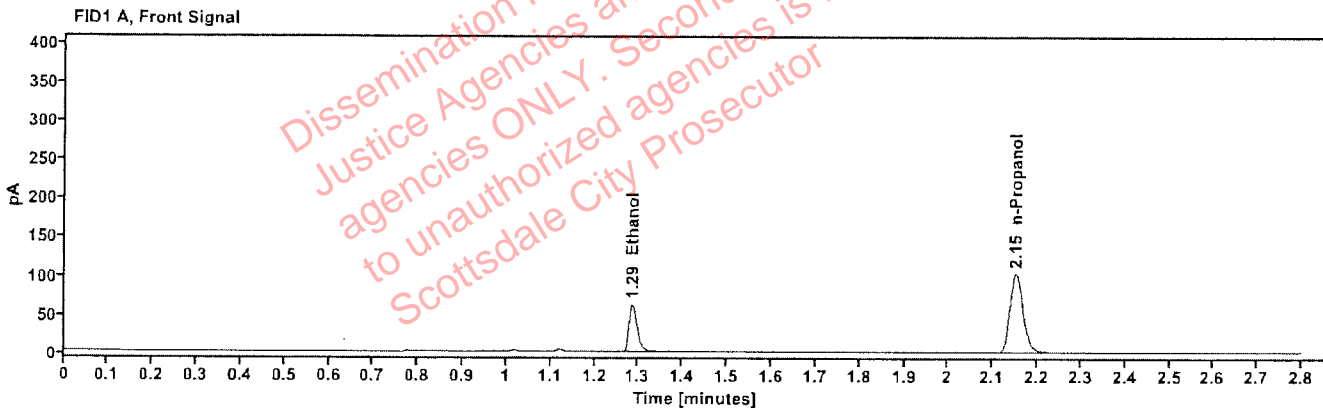


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
quantified Ethanol	0.0978	1.286	78.861
n-Propanol	---	2.151	211.066

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

Compound	Time (min)	Peak Area
Ethanol	1.430	80.563
n-Propanol	2.606	216.894