

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 08/29/2025

SEQUENCE NAME 29Aug25

EQUIPMENT

Pipettor



Hamilton ML600GJ10749



Hamilton ML600EA20851

Gas Chromatograph



Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03122113 Coefficient of determination (r^2)

Vial 2 0.10 calibrator Lot FN03072301 0.99997

Vial 3 0.20 calibrator Lot FN03132302

Vial 4 0.40 calibrator Lot FN03052102

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 111224WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.401 g/dL	Lipomed 12052023-B
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
9	Blood control	0.203 g/dL	0.204 g/dL	ACQ 4130622206/10
20	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed C1455120
31	Aqueous control	0.100 g/dL	0.101 g/dL	Lipomed C1455120
42	Aqueous control	0.400 g/dL	0.400 g/dL	Lipomed 12052023-B
43	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 518018
44	Blood control	0.203 g/dL	0.205 g/dL	ACQ 4130622206/10
45	Blank	Not detected	Not detected	SPD lab 060925AQ

SUBJECT SAMPLES

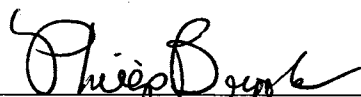
Subjects in the sequence 15

Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid ☒

Run invalid ☐


Analyst

Run valid ☒

Run invalid ☐


Technical Reviewer

Scottsdale Police Department Crime Laboratory

Sequence Quality Assurance Summary

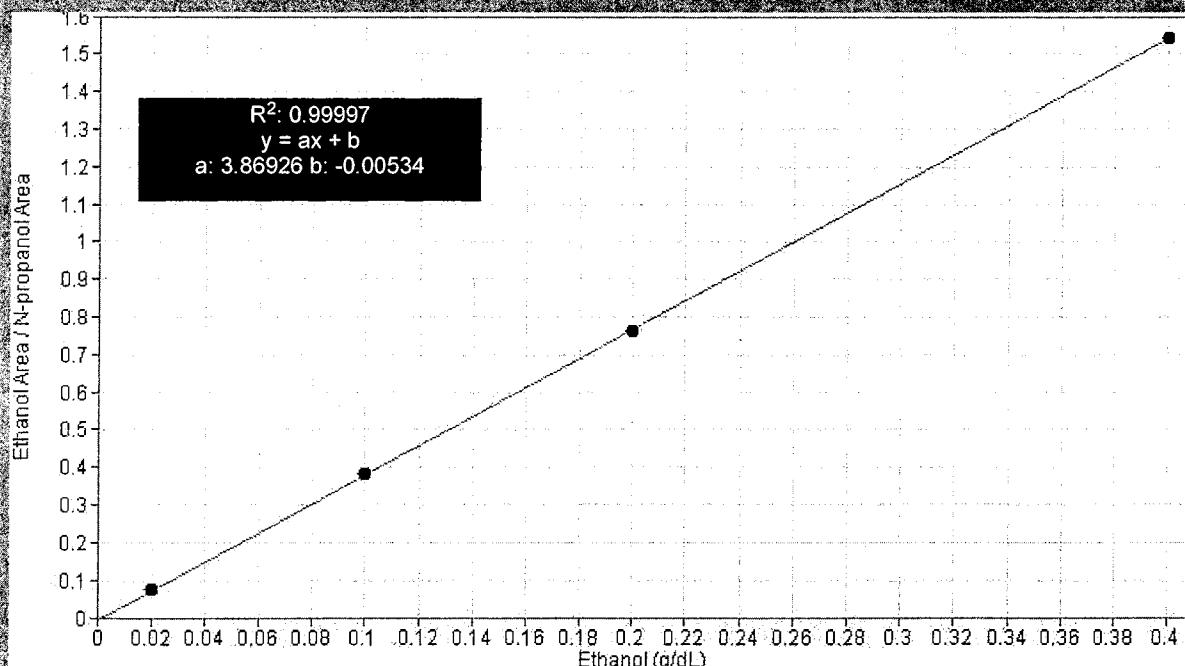
SEQUENCE NAME: 29Aug25

ANALYST: Brooke

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 111224WB	5	negative	negative	-	-
0.400 12052023-B	7	0.401	0.400	0.25	0.001
0.040 518018	8	0.041	0.040	2.50	0.001
0.203 4130622206/10	9	0.204	0.203	0.49	0.001
0.100 C1455120	20	0.101	0.100	1.00	0.001
0.100 C1455120	31	0.101	0.100	1.00	0.001
0.400 12052023-B	42	0.400	0.400	0.00	0.000
0.040 518018	43	0.041	0.040	2.50	0.001
0.203 4130622206/10	44	0.205	0.203	0.99	0.002
blank 060925AQ	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.608	154.518	0.075
0.100	57.727	151.617	0.381
0.200	117.470	153.773	0.764
0.400	232.997	150.835	1.545

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03122113	Vial:	1
Description:	0.020 calibrator	Sequence:	29Aug25
Method:	ethanol quant.M	Injection date:	8/29/2025 8:04:19 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke <i>PB</i>
Data file:	C:\Chem32\1\Data\29Aug25\1.D		

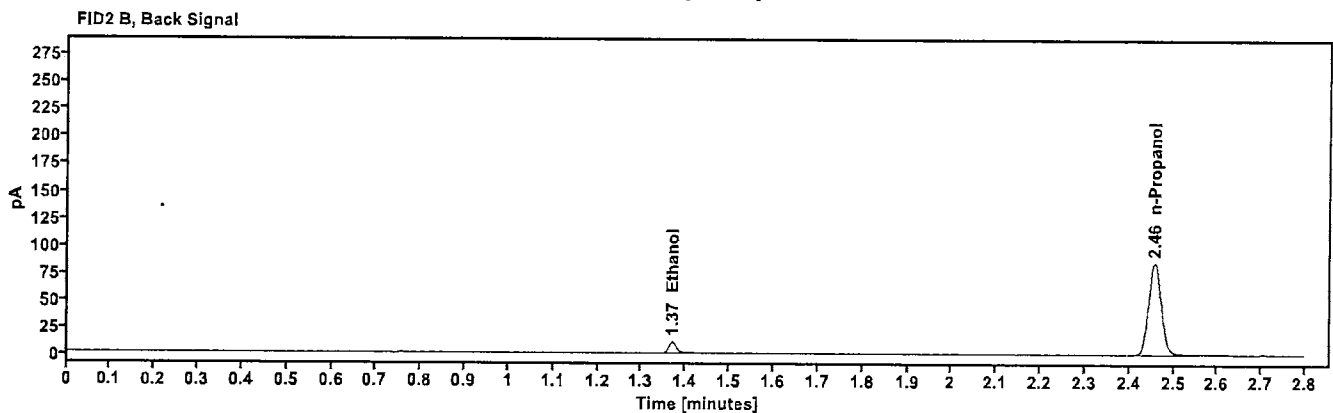
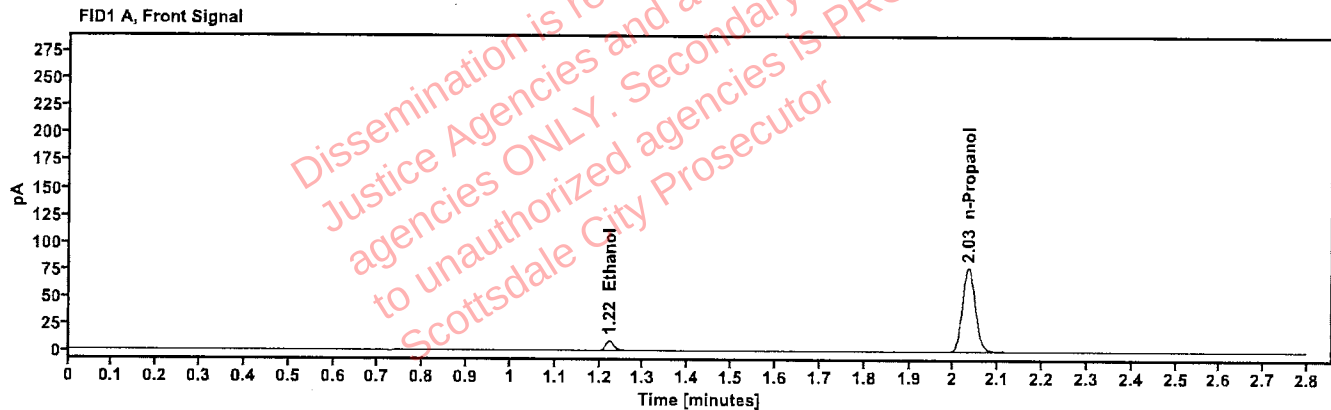


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.222	11.608
n-Propanol	2.033	154.518

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

Compound	Time (min)	Peak Area
Ethanol	1.369	12.673
n-Propanol	2.457	168.115

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03072301	Vial:	2
Description:	0.100 calibrator	Sequence:	29Aug25
Method:	ethanol quant.M	Injection date:	8/29/2025 8:08:18 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke <i>JB</i>
Data file:	C:\Chem32\1\Data\29Aug25\2.D		

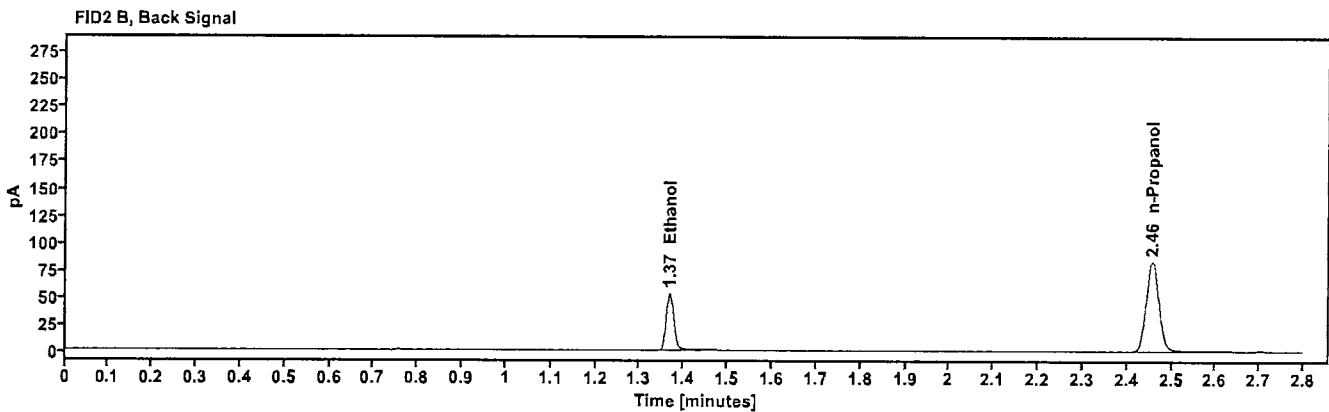
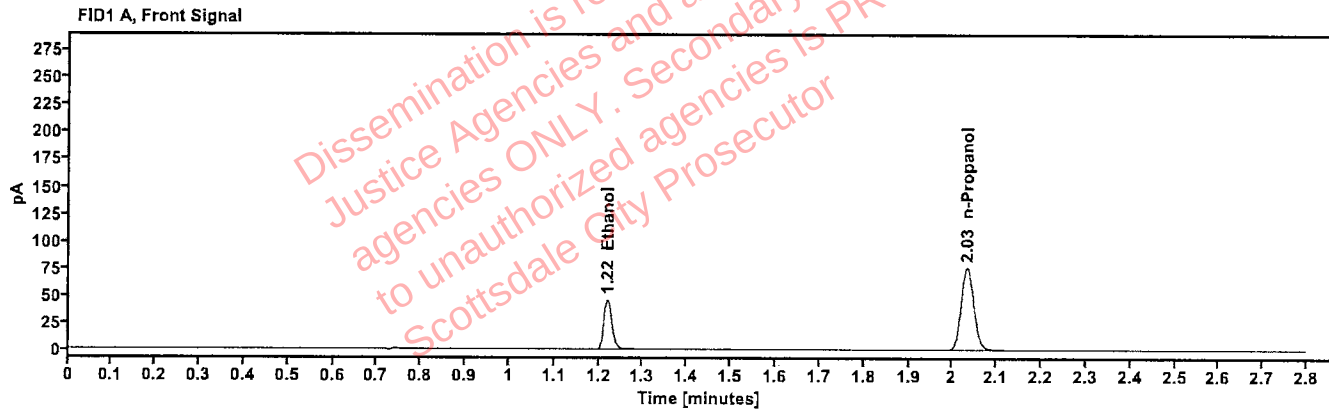


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.220	57.727
n-Propanol	2.033	151.617

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

Compound	Time (min)	Peak Area
Ethanol	1.367	63.212
n-Propanol	2.457	164.610

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03132302	Vial:	3
Description:	0.200 calibrator	Sequence:	29Aug25
Method:	ethanol quant.M	Injection date:	8/29/2025 8:12:18 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke <i>PB</i>
Data file:	C:\Chem32\1\Data\29Aug25\3.D		

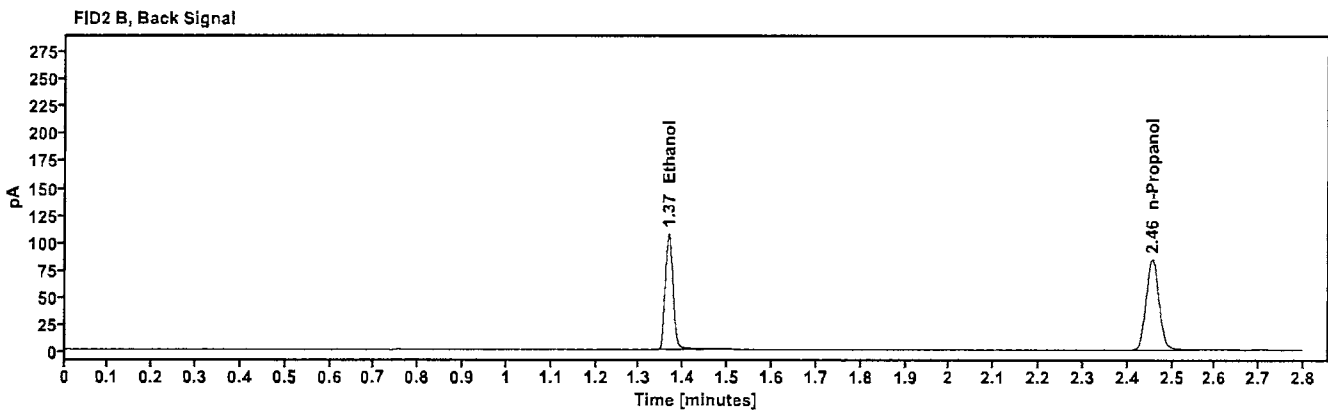
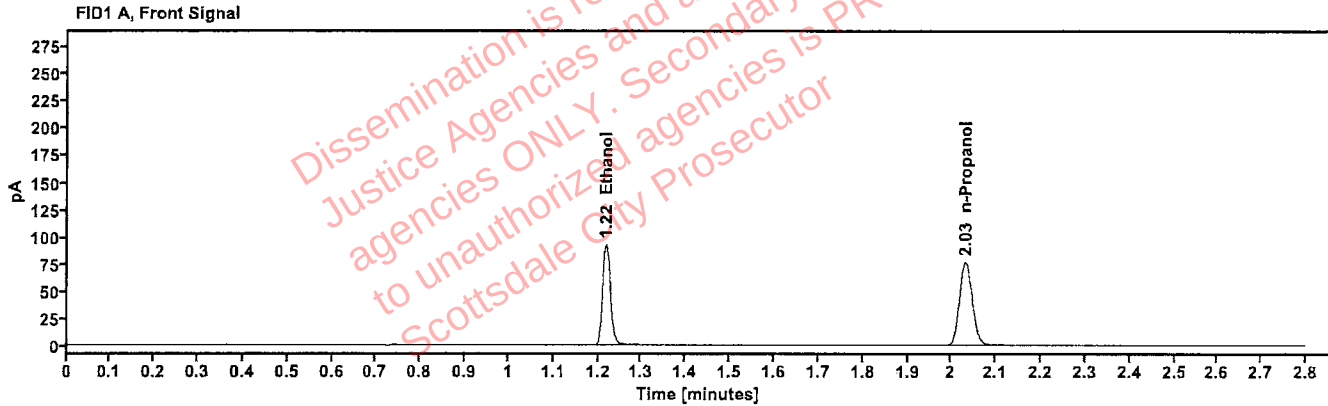


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.218	117.470
n-Propanol	2.032	153.773

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

Compound	Time (min)	Peak Area
Ethanol	1.366	128.601
n-Propanol	2.456	166.941

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03052102	Vial:	4
Description:	0.400 calibrator	Sequence:	29Aug25
Method:	ethanol quant.M	Injection date:	8/29/2025 8:16:18 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke <i>BB</i>
Data file:	C:\Chem32\1\Data\29Aug25\4.D		

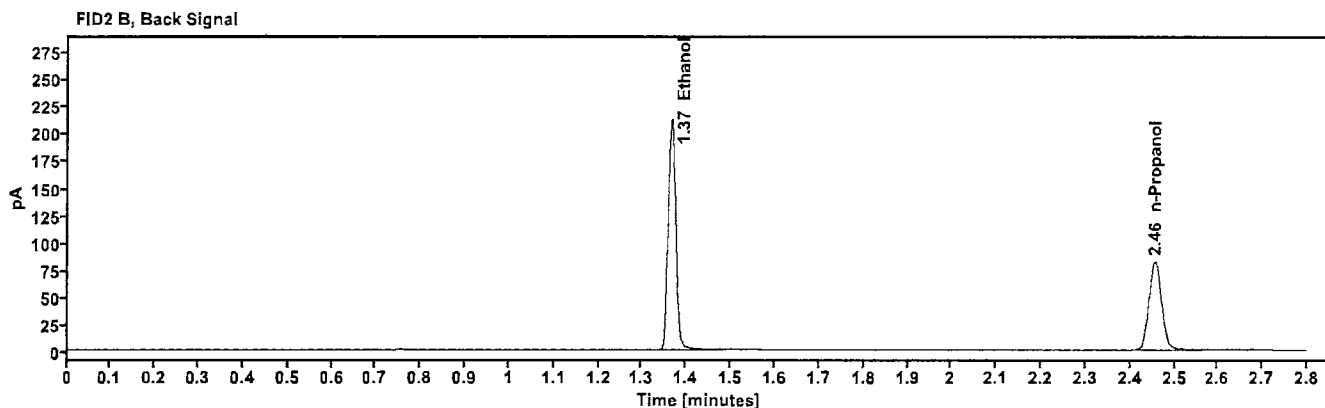
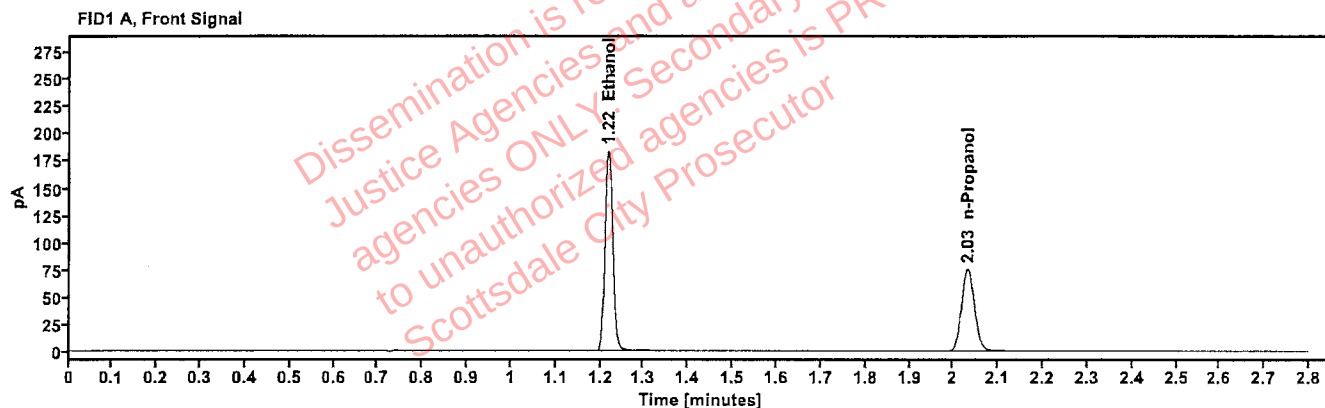


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.218	232.997
n-Propanol	2.032	150.835

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

Compound	Time (min)	Peak Area
Ethanol	1.366	256.790
n-Propanol	2.456	163.552

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111224WB	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 8:20:18 PM
Data file:	C:\Chem32\1\Data\29Aug25\5.D	Analyst:	Brooke

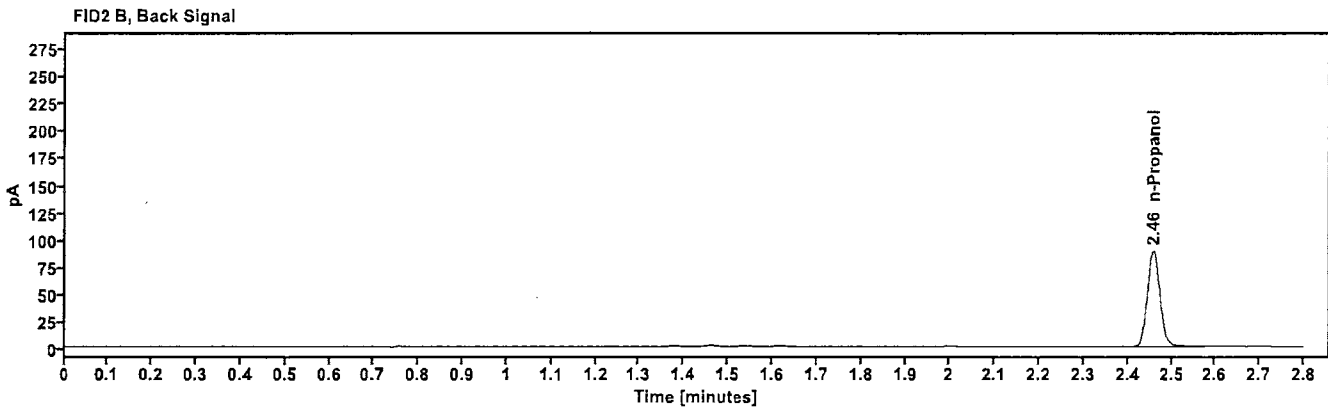
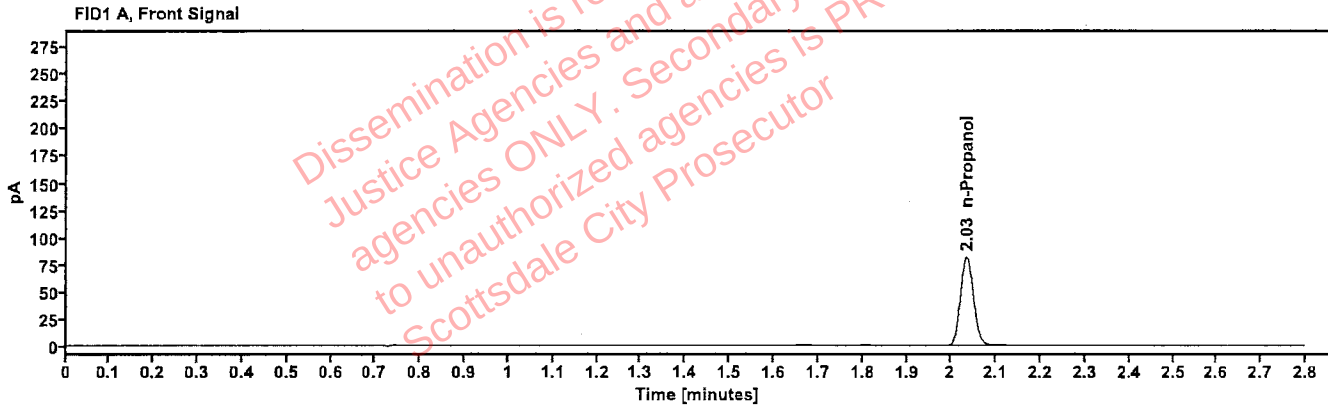


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.034	162.658

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

Compound	Time (min)	Peak Area
n-Propanol	2.459	176.532

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25 <i>RB</i>
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 8:24:19 PM
Data file:	C:\Chem32\1\Data\29Aug25\6.D	Analyst:	Brooke

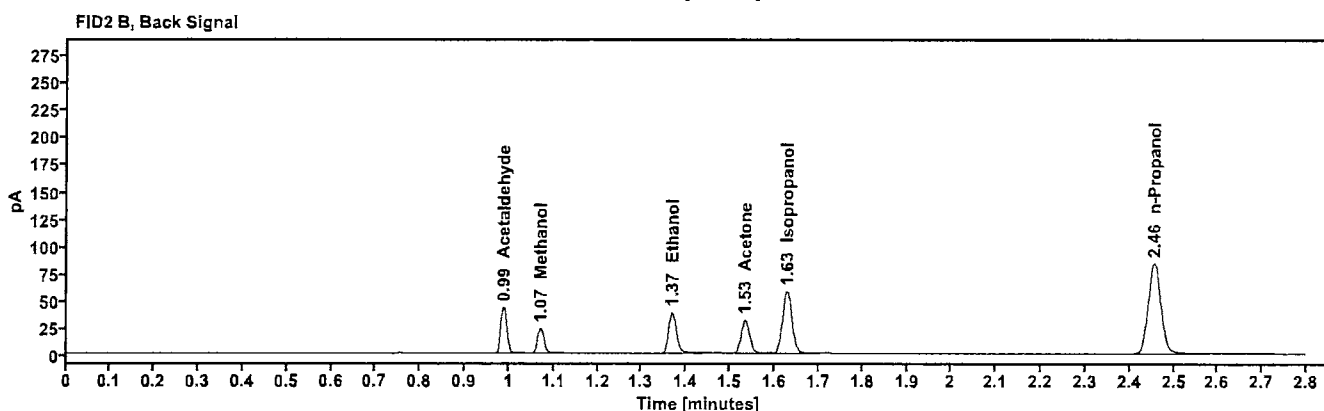
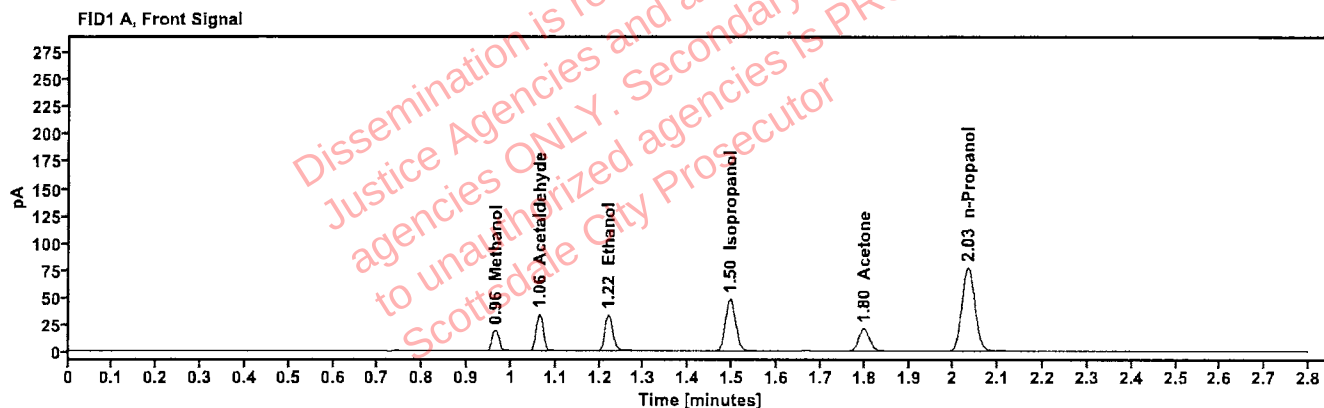


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.964	21.533
Acetaldehyde	-----	1.063	37.503
>Ethanol	0.0720	1.220	42.164
Isopropanol	-----	1.495	77.129
Acetone	-----	1.799	36.180
n-Propanol	-----	2.032	154.276

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.988	42.131
Methanol	1.070	23.982
Ethanol	1.368	46.446
Acetone	1.534	40.011
Isopropanol	1.628	85.059
n-Propanol	2.456	167.132

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	12052023-B	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 8:28:33 PM
Data file:	C:\Chem32\1\Data\29Aug25\7.D	Analyst:	Brooke

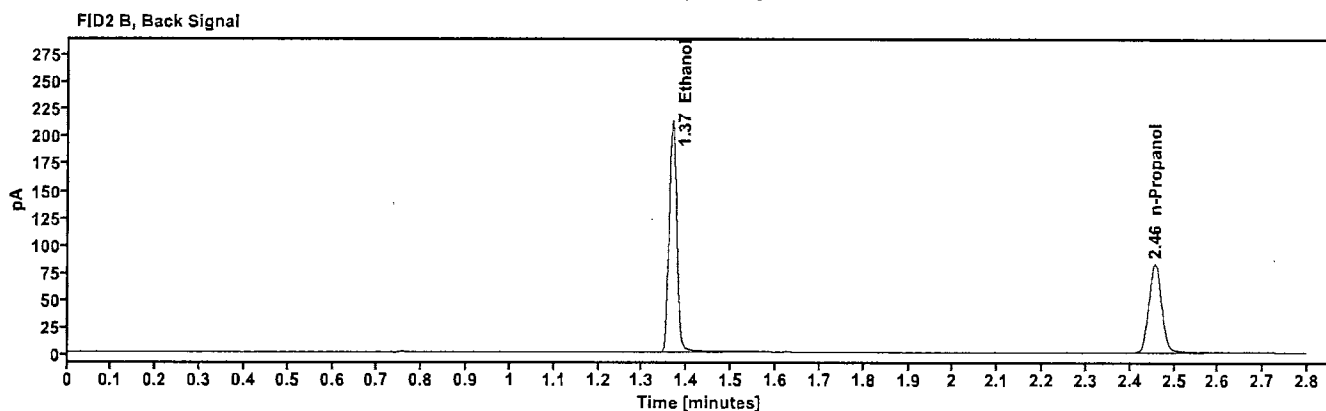
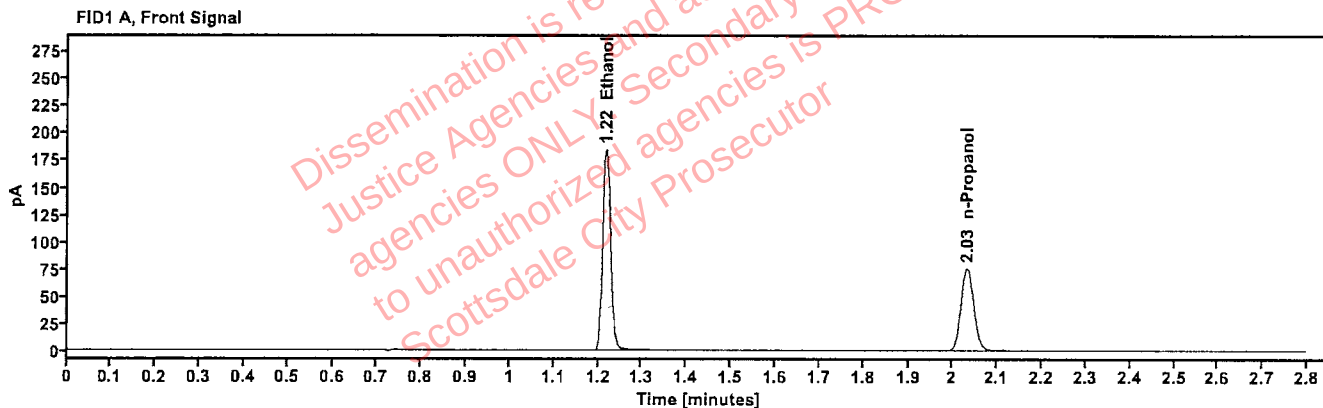


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4011	1.218	233.681
n-Propanol	-----	2.032	151.075

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

Compound	Time (min)	Peak Area
Ethanol	1.366	257.381
n-Propanol	2.456	163.630

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	518018	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 8:32:34 PM
Data file:	C:\Chem32\1\Data\29Aug25\8.D	Analyst:	Brooke

7B

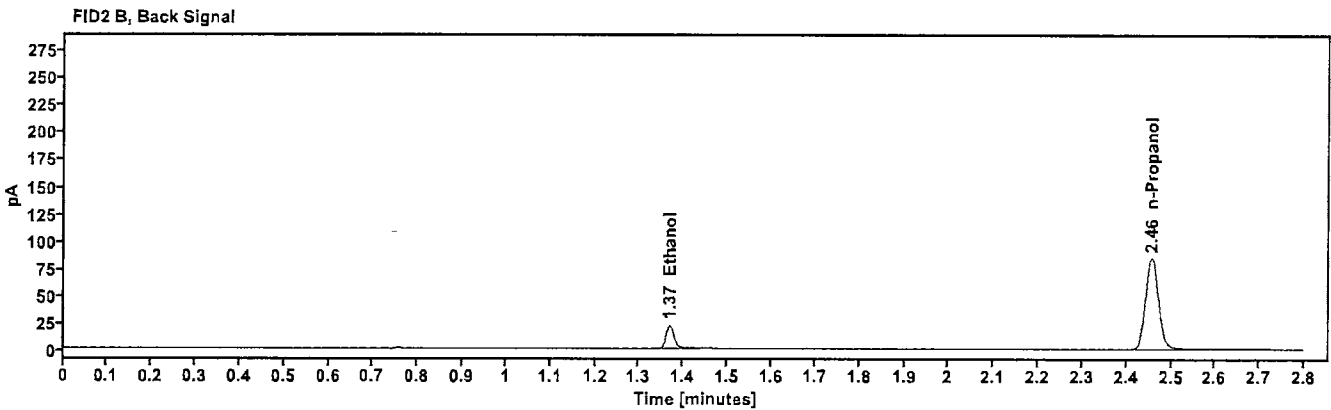
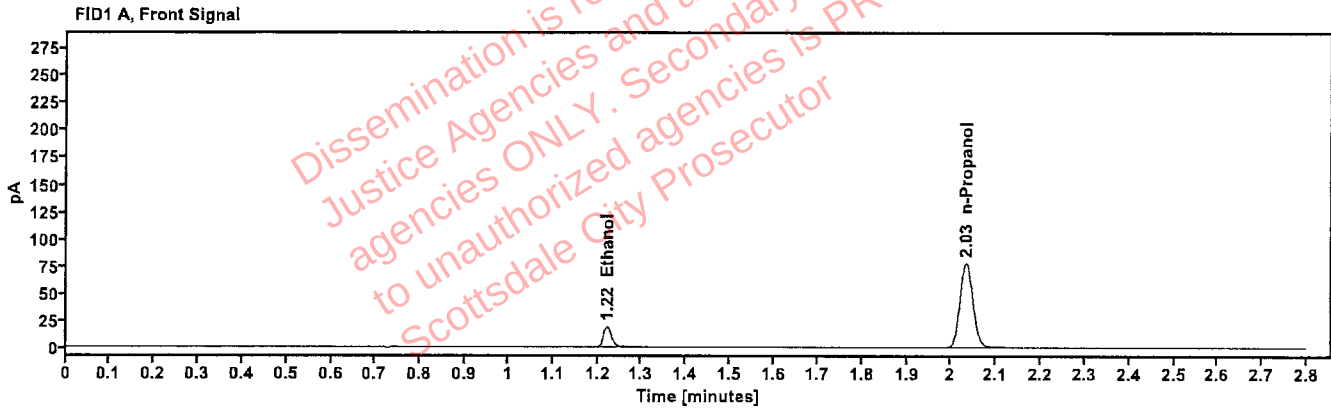


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0413	1.221	24.033
n-Propanol	-----	2.033	155.551

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

Compound	Time (min)	Peak Area
Ethanol	1.369	26.203
n-Propanol	2.457	168.334

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4130622206/10	Vial:	9
Description:	0.203	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 8:36:34 PM
Data file:	C:\Chem32\1\Data\29Aug25\9.D	Analyst:	Brooke

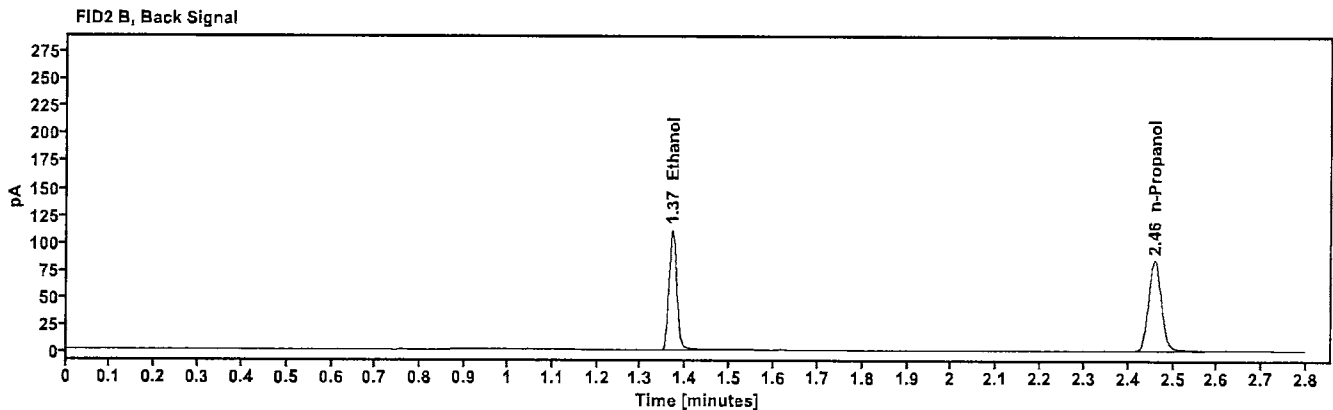
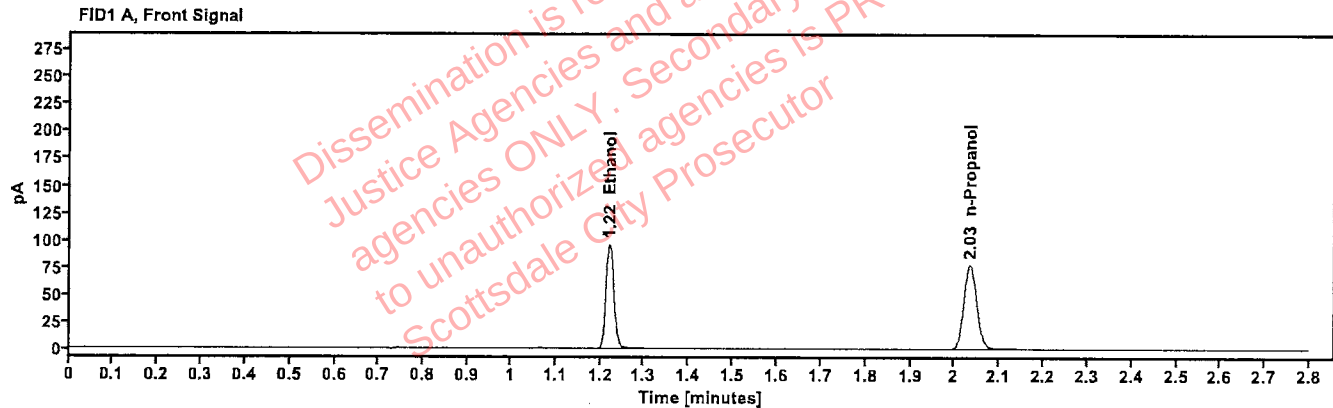


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2049	1.220	121.932
n-Propanol	-----	2.034	154.852

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

Compound	Time (min)	Peak Area
Ethanol	1.370	133.240
n-Propanol	2.459	167.735

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	C1455120	Vial:	20
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 9:21:04 PM
Data file:	C:\Chem32\1\Data\29Aug25\20.D	Analyst:	Brooke

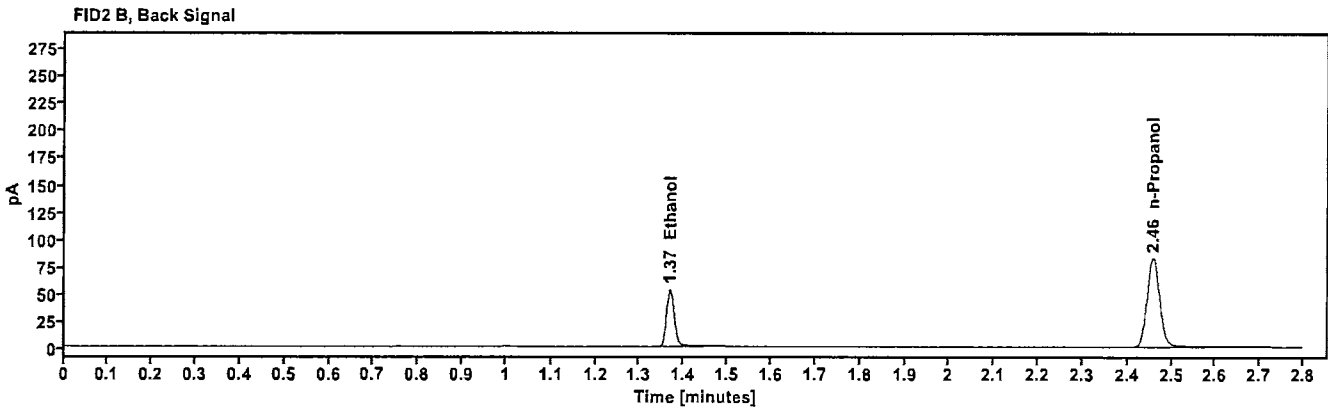
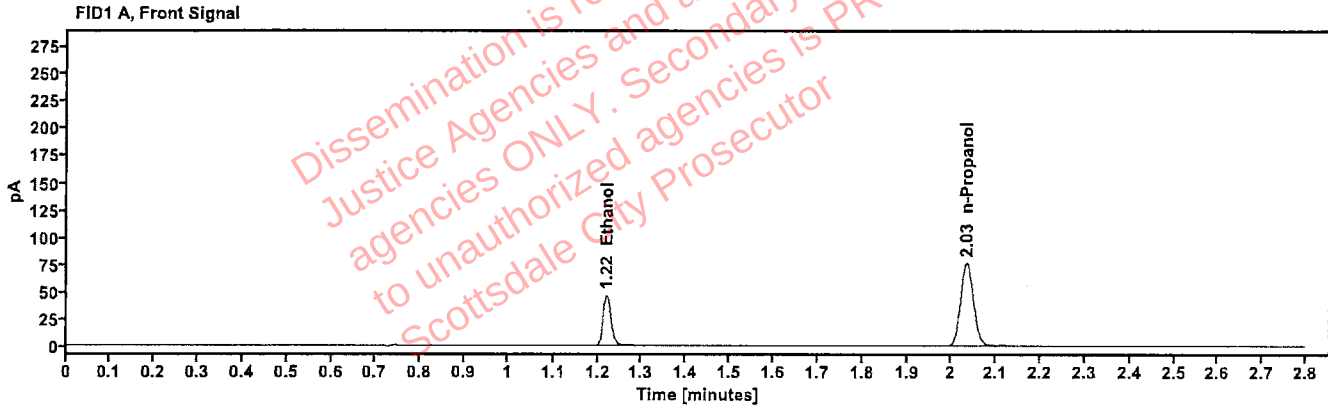


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1011	1.220	59.036
n-Propanol	—	2.033	152.953

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

Compound	Time (min)	Peak Area
Ethanol	1.368	64.390
n-Propanol	2.458	165.490

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	C1455120	Vial:	31
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 10:05:34 PM
Data file:	C:\Chem32\1\Data\29Aug25\31.D	Analyst:	Brooke

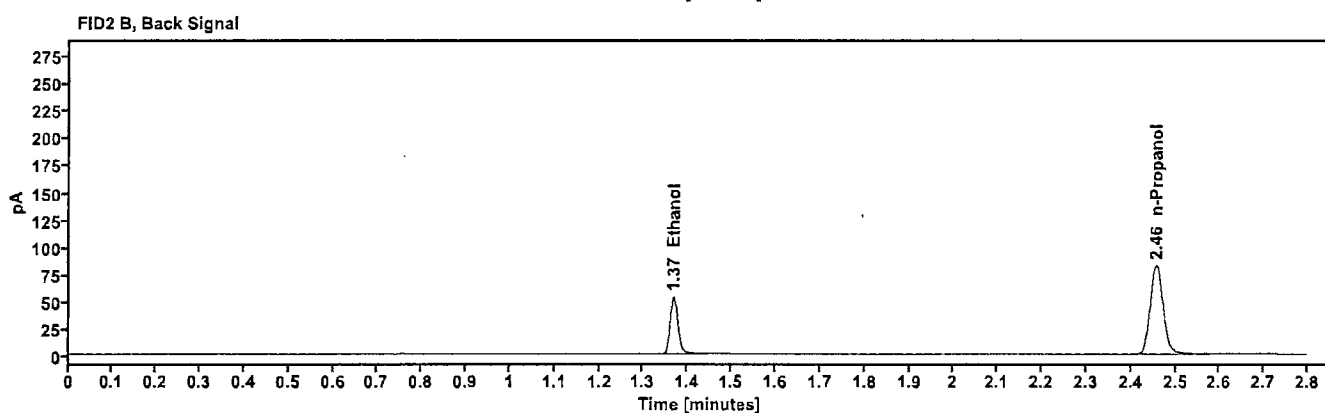
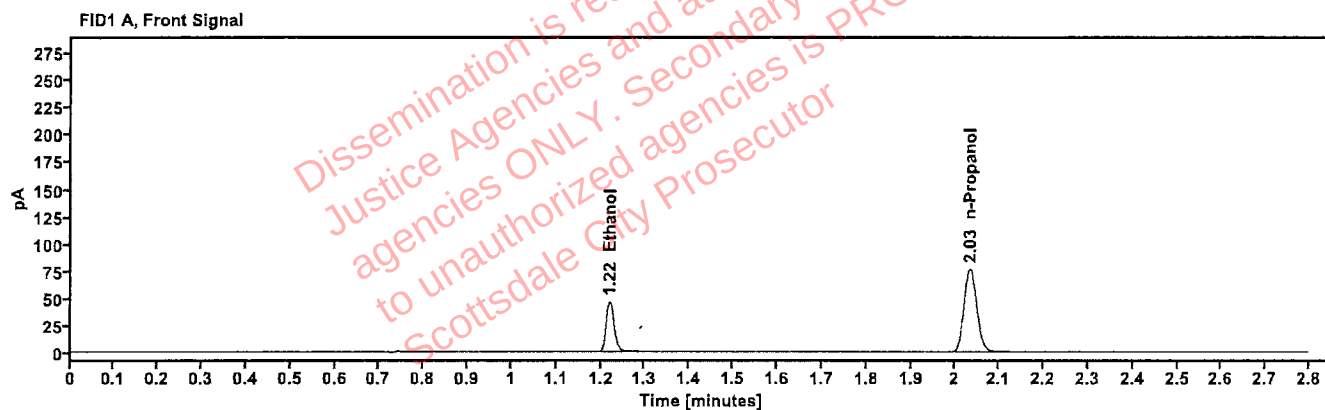


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1010	1.220	58.929
n-Propanol	—	2.033	152.815

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

Compound	Time (min)	Peak Area
Ethanol	1.368	64.246
n-Propanol	2.458	165.091

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	12052023-B	Vial:	42
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 10:49:50 PM
Data file:	C:\Chem32\1\Data\29Aug25\42.D	Analyst:	Brooke

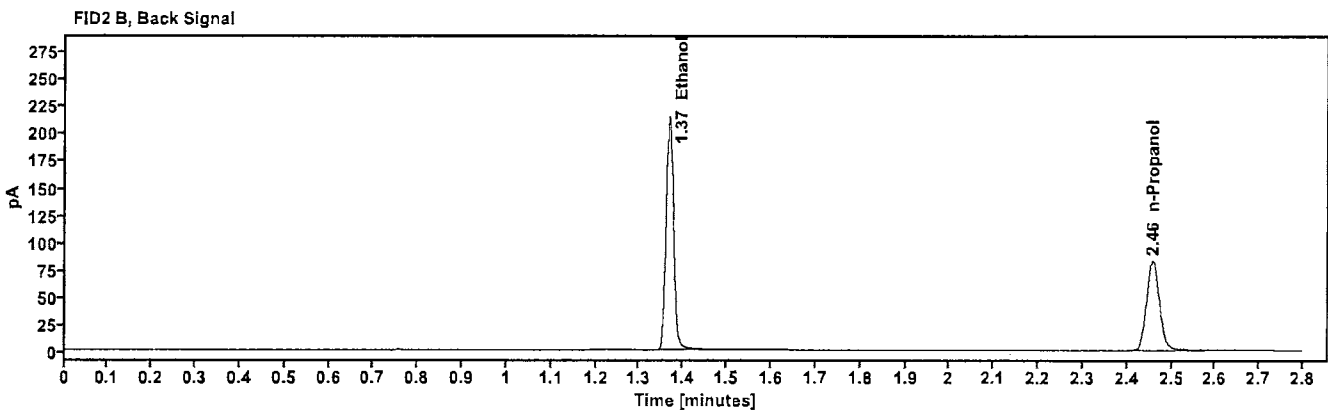
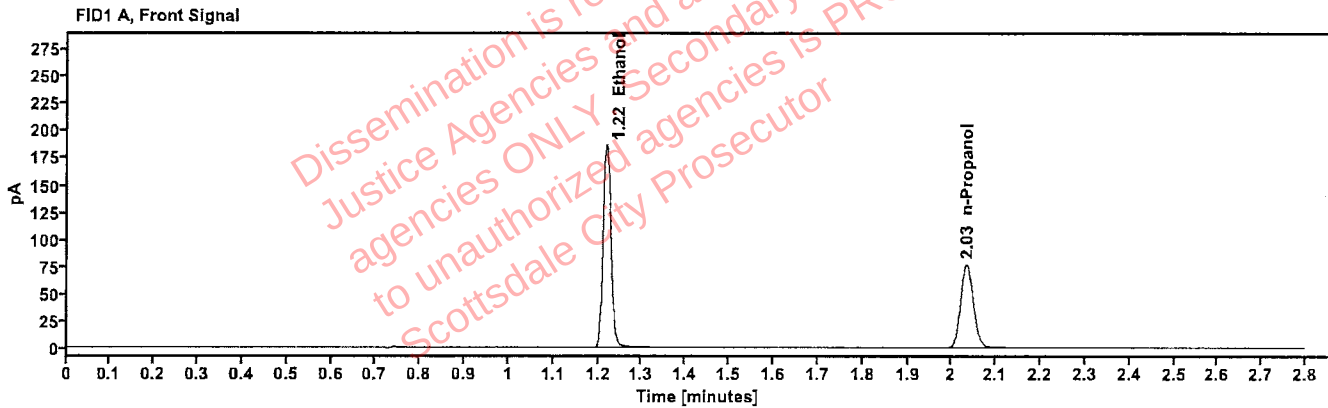


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4005	1.219	236.485
n-Propanol	-----	2.033	153.144

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

Compound	Time (min)	Peak Area
Ethanol	1.367	260.084
n-Propanol	2.458	165.385

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	518018	Vial:	43
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 10:54:04 PM
Data file:	C:\Chem32\1\Data\29Aug25\43.D	Analyst:	Brooke

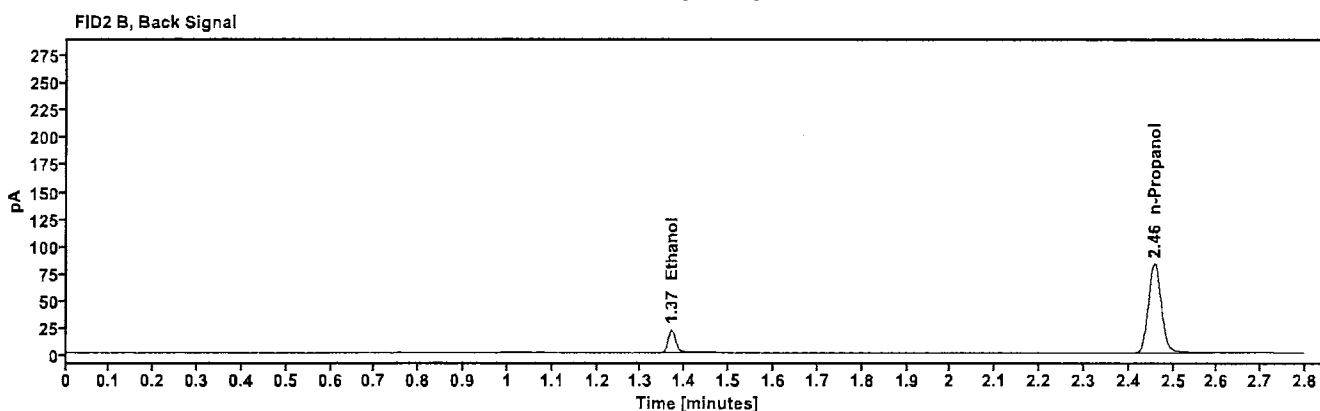
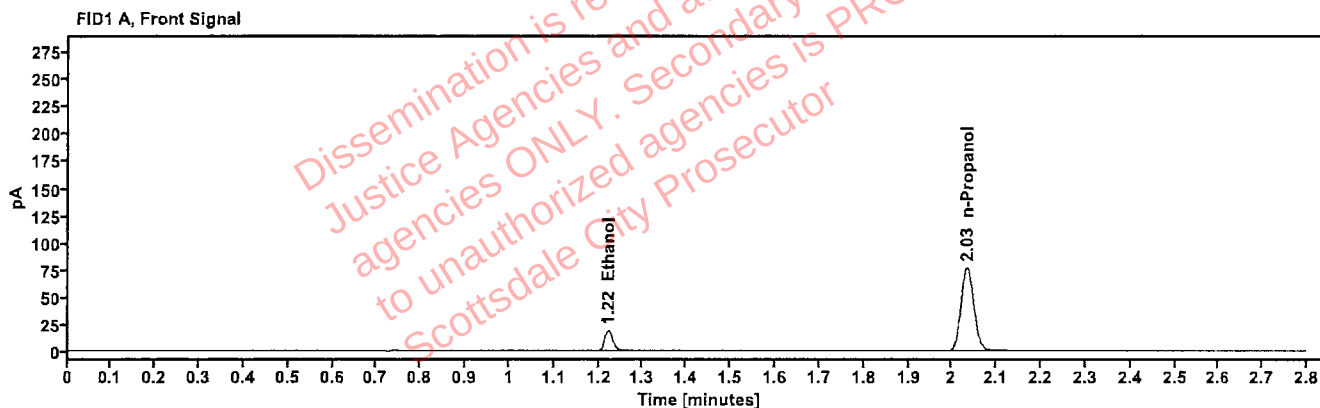


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0413	1.221	23.770
n-Propanol	—	2.033	153.945

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

Compound	Time (min)	Peak Area
Ethanol	1.369	25.848
n-Propanol	2.458	166.377

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4130622206/10	Vial:	44
Description:	0.203	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 10:58:04 PM
Data file:	C:\Chem32\1\Data\29Aug25\44.D	Analyst:	Brooke

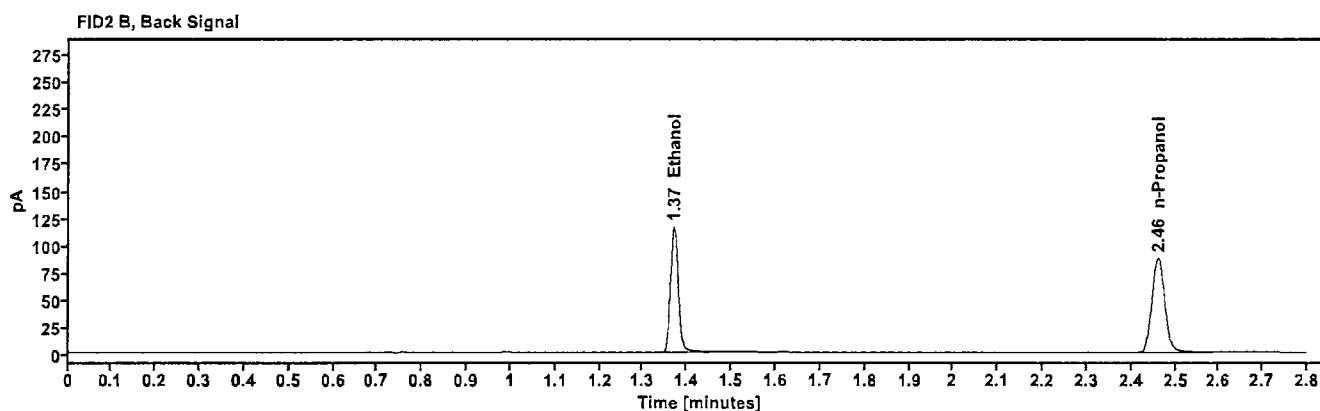
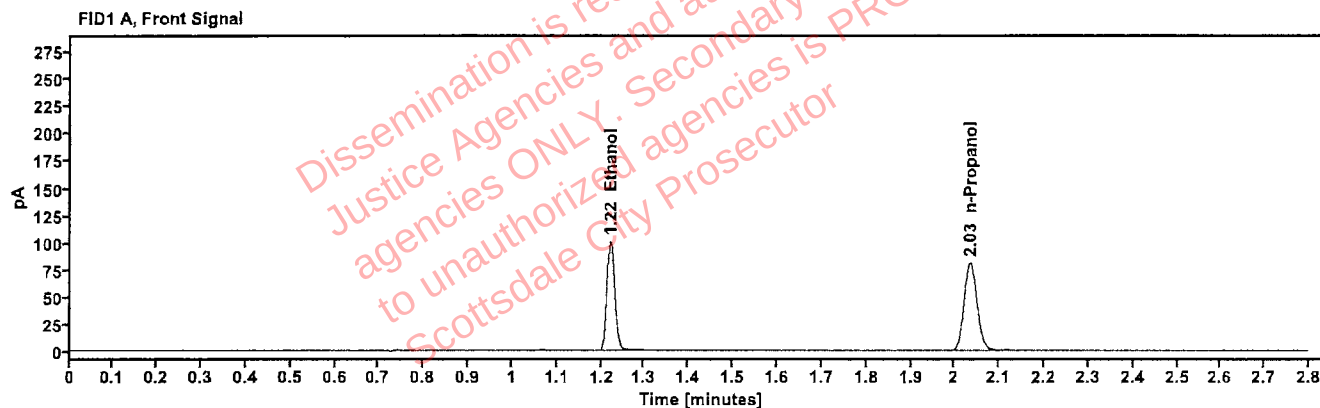


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2056	1.221	127.955
n-Propanol	-----	2.035	161.909

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

Compound	Time (min)	Peak Area
Ethanol	1.370	139.707
n-Propanol	2.460	175.168

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	060925AQ	Vial:	45
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 11:02:04 PM
Data file:	C:\Chem32\1\Data\29Aug25\45.D	Analyst:	Brooke

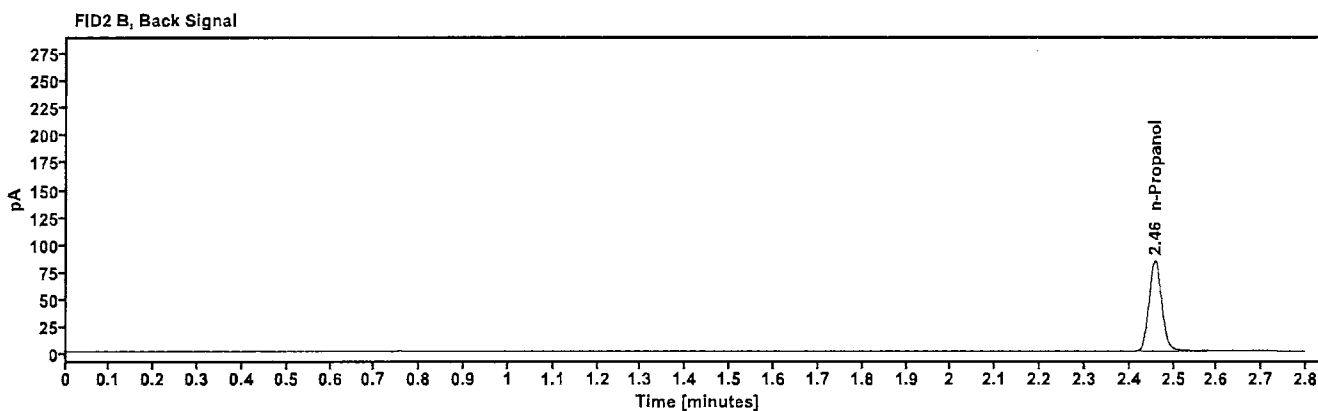
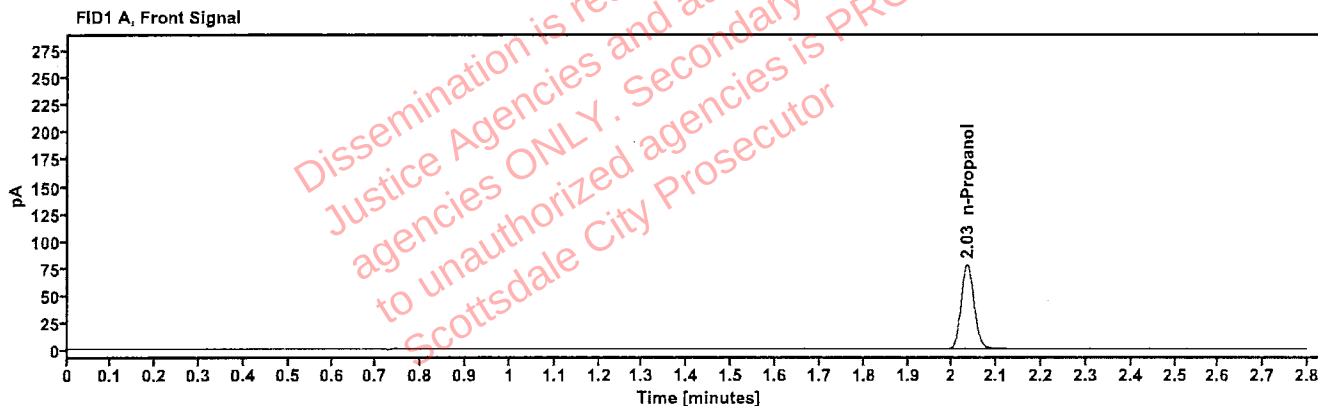


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.033	155.115

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

Compound	Time (min)	Peak Area
n-Propanol	2.458	167.718

Sequence Summary

Page 1 of 1

RB

Sequence name: 29Aug25

Instrument: US14173023 CN14160045

Analyst: Brooke

Vial	Sample	Description	Type	LIMS ID	Method
1	FN03122113	0.020 calibrator	Calibration		ethanol quant.M
2	FN03072301	0.100 calibrator	Calibration		ethanol quant.M
3	FN03132302	0.200 calibrator	Calibration		ethanol quant.M
4	FN03052102	0.400 calibrator	Calibration		ethanol quant.M
5	111224WB	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	12052023-B	0.400	Control		ethanol quant.M
8	518018	0.040	Control		ethanol quant.M
9	4130622206/10	0.203	Control		ethanol quant.M
10	2515033-2		Sample		ethanol quant.M
11	2515033-2		Sample		ethanol quant.M
12	383-01E.G.		Sample		ethanol quant.M
13	383-01E.G.		Sample		ethanol quant.M
14	404-01M.K.		Sample		ethanol quant.M
15	404-01M.K.		Sample		ethanol quant.M
16	426-01B.B.		Sample		ethanol quant.M
17	426-01B.B.		Sample		ethanol quant.M
18	441-01F.D.		Sample		ethanol quant.M
19	441-01F.D.		Sample		ethanol quant.M
20	C1455120	0.100	Control		ethanol quant.M
21	446-01A.A.		Sample		ethanol quant.M
22	446-01A.A.		Sample		ethanol quant.M
23	2516295-1		Sample		ethanol quant.M
24	2516295-1		Sample		ethanol quant.M
25	2516201-1		Sample		ethanol quant.M
26	2516201-1		Sample		ethanol quant.M
27	2516462-2		Sample		ethanol quant.M
28	2516462-2		Sample		ethanol quant.M
29	2516537-2		Sample		ethanol quant.M
30	2516537-2		Sample		ethanol quant.M
31	C1455120	0.100	Control		ethanol quant.M
32	2516619-1		Sample		ethanol quant.M
33	2516619-1		Sample		ethanol quant.M
34	2516619-4		Sample		ethanol quant.M
35	2516619-4		Sample		ethanol quant.M
36	2516624-1		Sample		ethanol quant.M
37	2516624-1		Sample		ethanol quant.M
38	2503636-2		Sample		ethanol quant.M
39	2503636-2		Sample		ethanol quant.M
40	2516396-2		Sample		ethanol quant.M
41	2516396-2		Sample		ethanol quant.M
42	12052023-B	0.400	Control		ethanol quant.M
43	518018	0.040	Control		ethanol quant.M
44	4130622206/10	0.203	Control		ethanol quant.M
45	060925AQ	Negative	Control		ethanol quant.M

Scottsdale Police Department Crime Laboratory

Summary of Cases

FB

SEQUENCE NAME: 29Aug25

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.2593	0.2556	0.25745	0.72	0.00185
12 13	0.1027	0.1043	0.10350	0.77	0.00080
14 15	0.1853	0.1863	0.18580	0.27	0.00050
16 17	0.1974	0.1964	0.19690	0.25	0.00050
18 19	0.0254	0.0254	0.02540	0.00	0.00000
21 22	0.1113	0.1118	0.11155	0.22	0.00025
23 24	0.1485	0.1490	0.14875	0.17	0.00025
25 26	0.0490	0.0492	0.04910	0.20	0.00010
27 28	0.2053	0.2064	0.20585	0.27	0.00055
29 30	0.0826	0.0825	0.08255	0.06	0.00005
32 33	0.0648	0.0651	0.06495	0.23	0.00015
34 35	0.1713	0.1697	0.17050	0.47	0.00080
36 37	0.1451	0.1436	0.14435	0.52	0.00075
38 39	0.1049	0.1053	0.10510	0.19	0.00020
40 41	0.1538	0.1533	0.15355	0.16	0.00025

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

Secondary Forensic Lab
Blood Alcohol Pipetting Log

JB

SEQUENCE: 29Aug25

[illegible]

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515033-2	Vial:	10
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 8:40:34 PM
Data file:	C:\Chem32\1\Data\29Aug25\10.D	Analyst:	Brooke

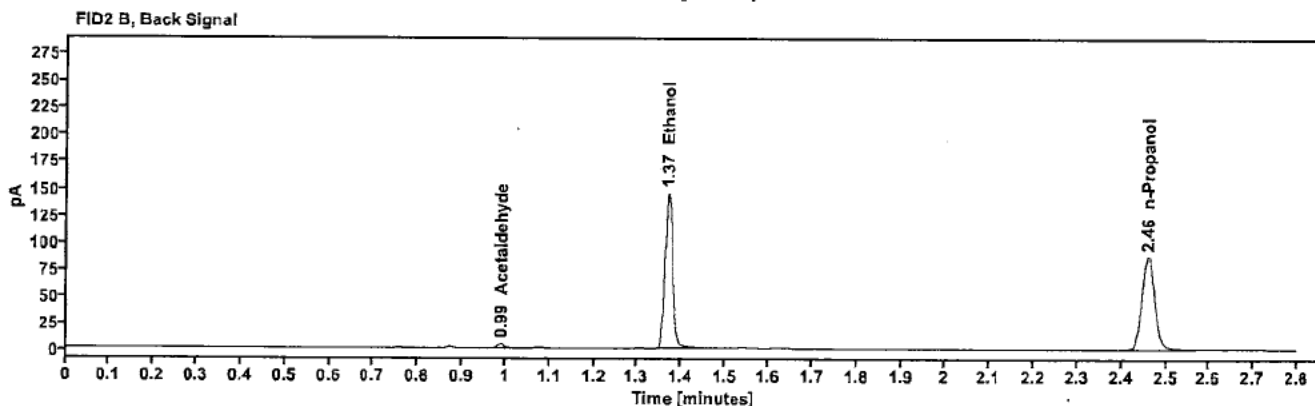
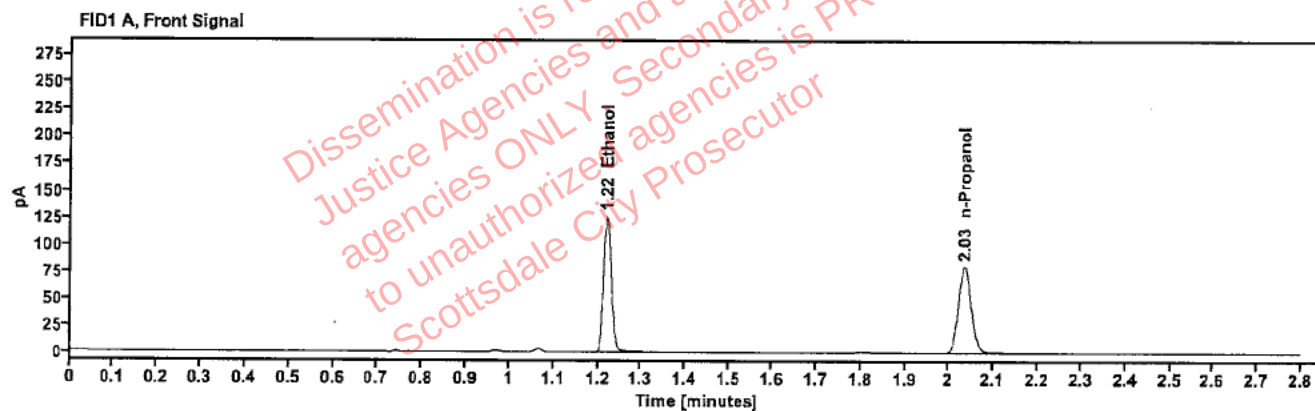


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2593	1.220	159.469
n-Propanol	---	2.035	159.770

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.990	3.773
Ethanol	1.370	174.481
n-Propanol	2.460	172.509

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515033-2	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 8:44:35 PM
Data file:	C:\Chem32\1\Data\29Aug25\11.D	Analyst:	Brooke

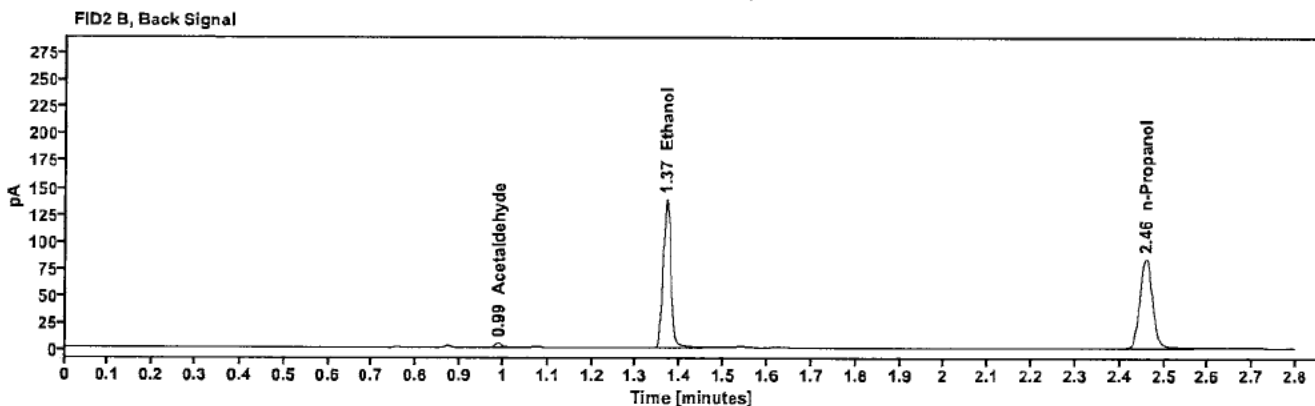
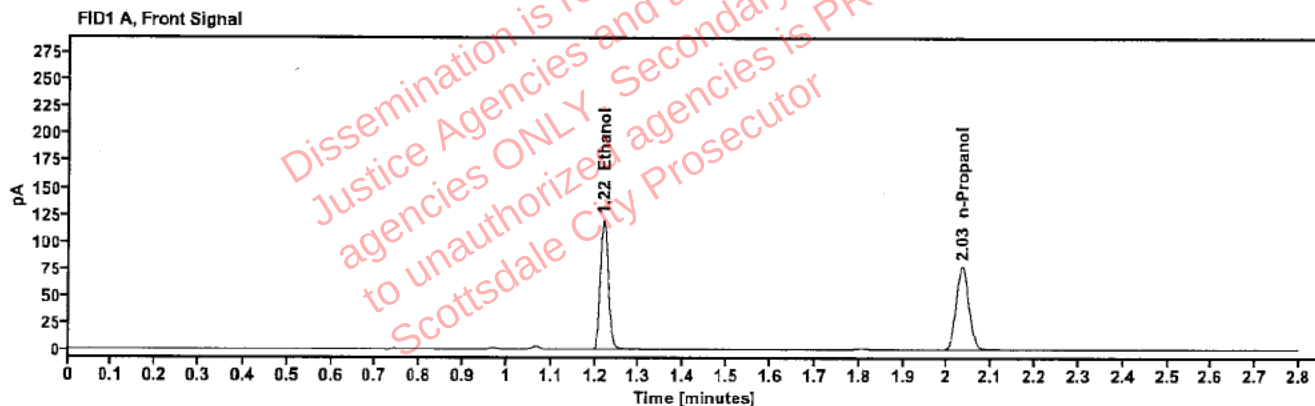


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2556	1.220	152.180
n-Propanol	-----	2.034	154.737

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.989	3.868
Ethanol	1.369	166.386
n-Propanol	2.458	166.987

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	383-01E.G.	Vial:	12
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 8:48:34 PM
Data file:	C:\Chem32\1\Data\29Aug25\12.D	Analyst:	Brooke

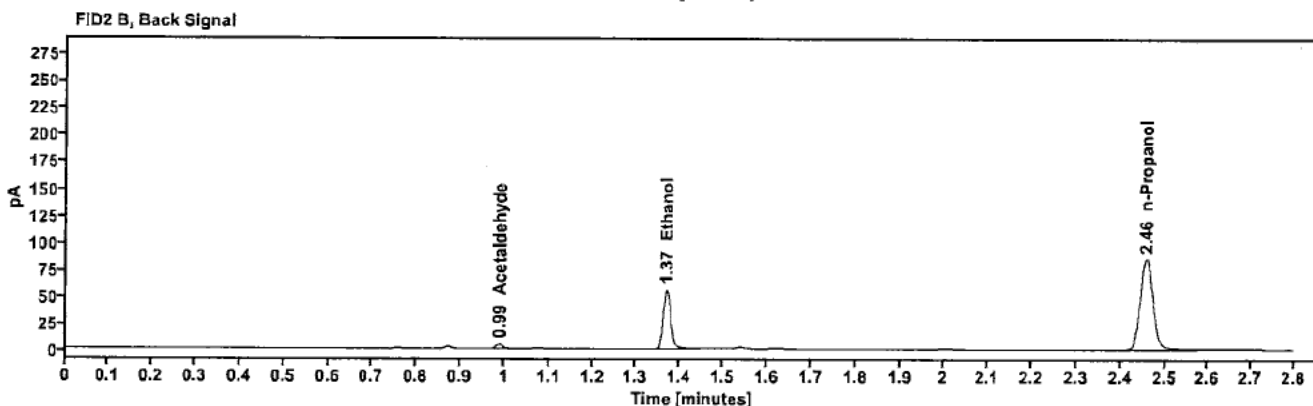
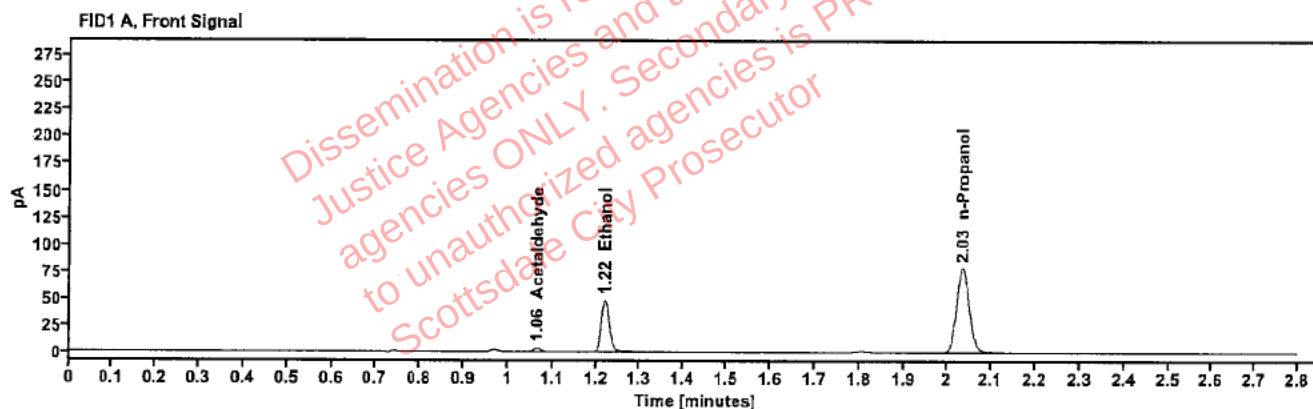


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.065	3.756
>Ethanol	0.1027	1.221	61.366
n-Propanol	-----	2.034	156.530

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.989	4.254
Ethanol	1.369	66.825
n-Propanol	2.458	169.644

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	383-01E.G.	Vial:	13
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 8:52:49 PM
Data file:	C:\Chem32\1\Data\29Aug25\13.D	Analyst:	Brooke

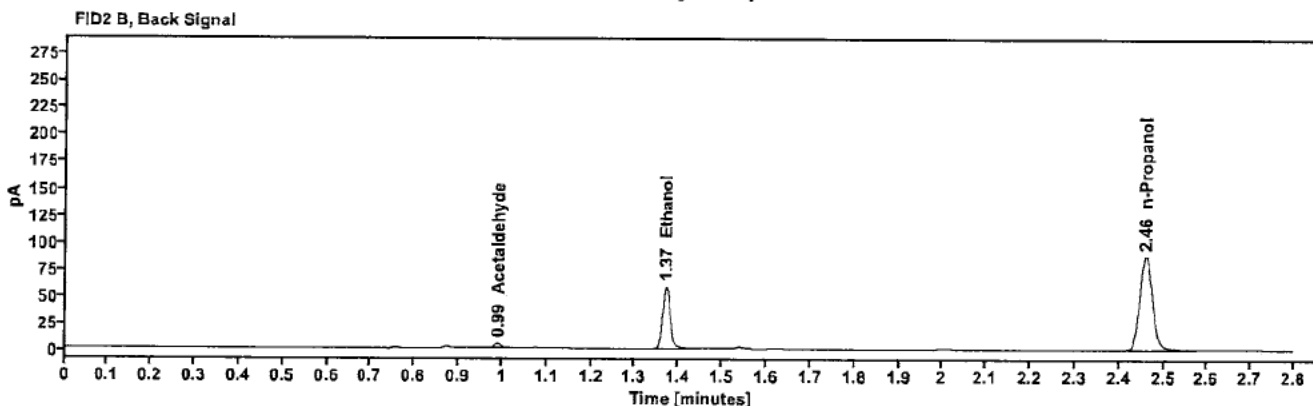
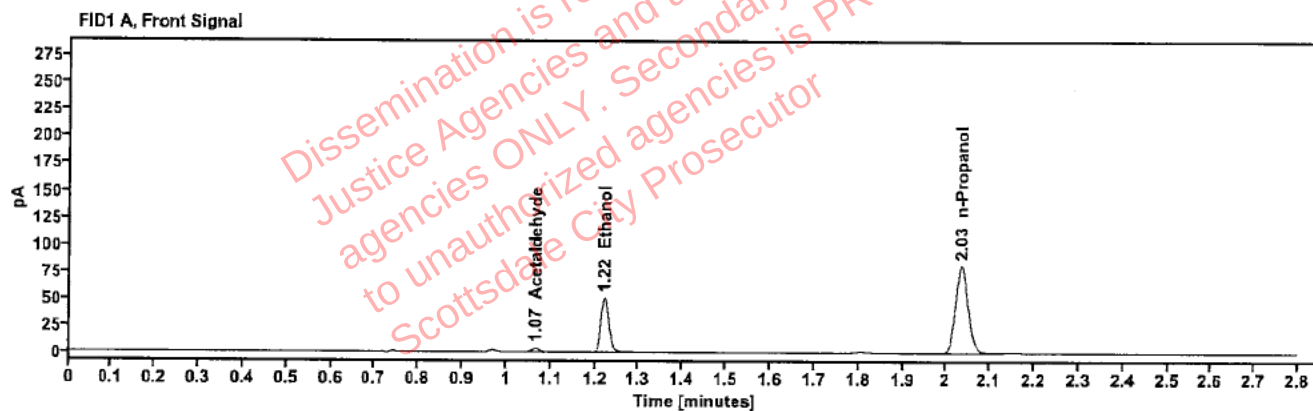


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	---	1.065	3.770
>Ethanol	0.1043	1.222	64.384
n-Propanol	---	2.035	161.667

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.990	4.355
Ethanol	1.371	71.104
n-Propanol	2.460	175.248

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	404-01M.K.	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 8:56:48 PM
Data file:	C:\Chem32\1\Data\29Aug25\14.D	Analyst:	Brooke

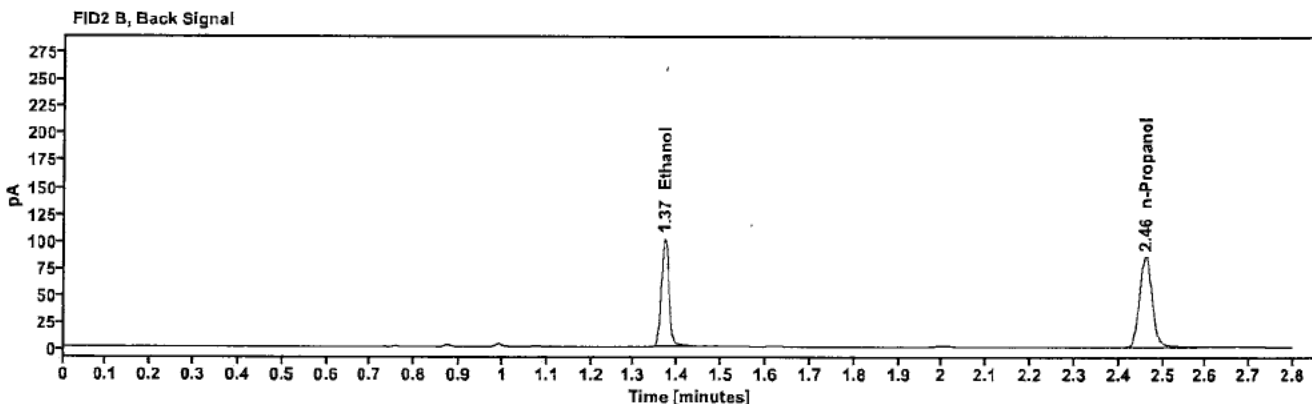
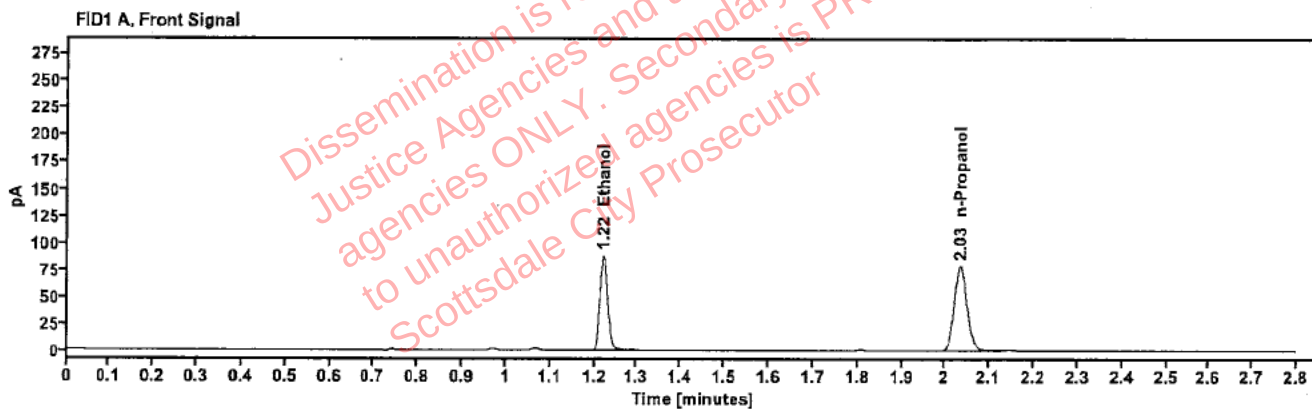


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1853	1.221	111.353
n-Propanol	—	2.035	156.500

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

Compound	Time (min)	Peak Area
Ethanol	1.370	121.741
n-Propanol	2.460	169.642

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	404-01M.K.	Vial:	15
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 9:00:49 PM
Data file:	C:\Chem32\11\Data\29Aug25\15.D	Analyst:	Brooke

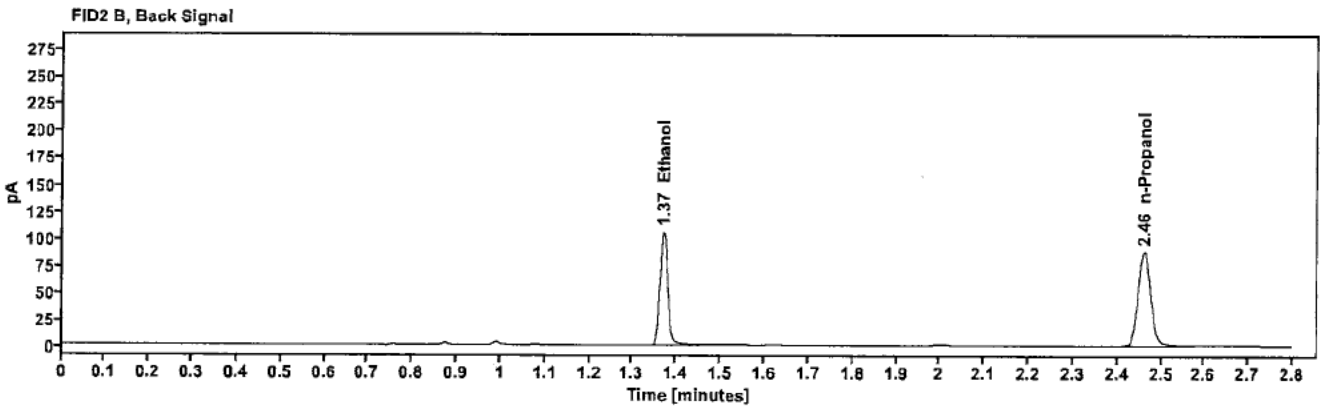
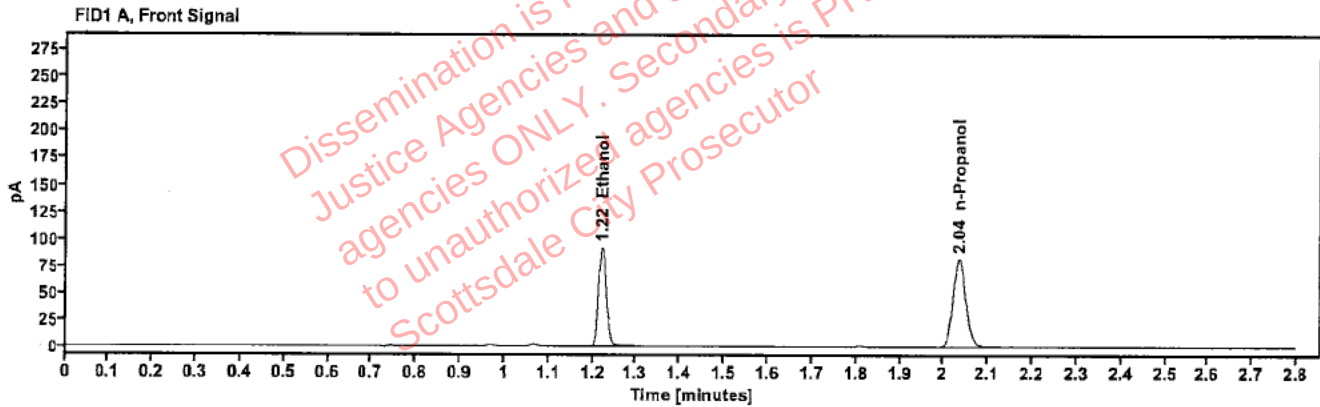


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1863	1.221	116.850
n-Propanol	—	2.035	163.288

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

Compound	Time (min)	Peak Area
Ethanol	1.370	127.841
n-Propanol	2.460	176.998

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	426-01B.B.	Vial:	16
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 9:04:49 PM
Data file:	C:\Chem32\1\Data\29Aug25\16.D	Analyst:	Brooke

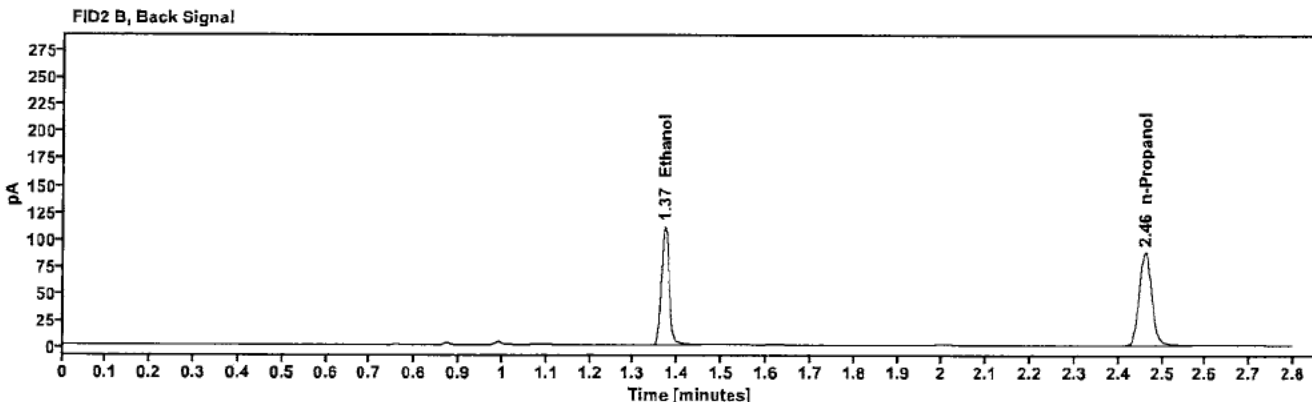
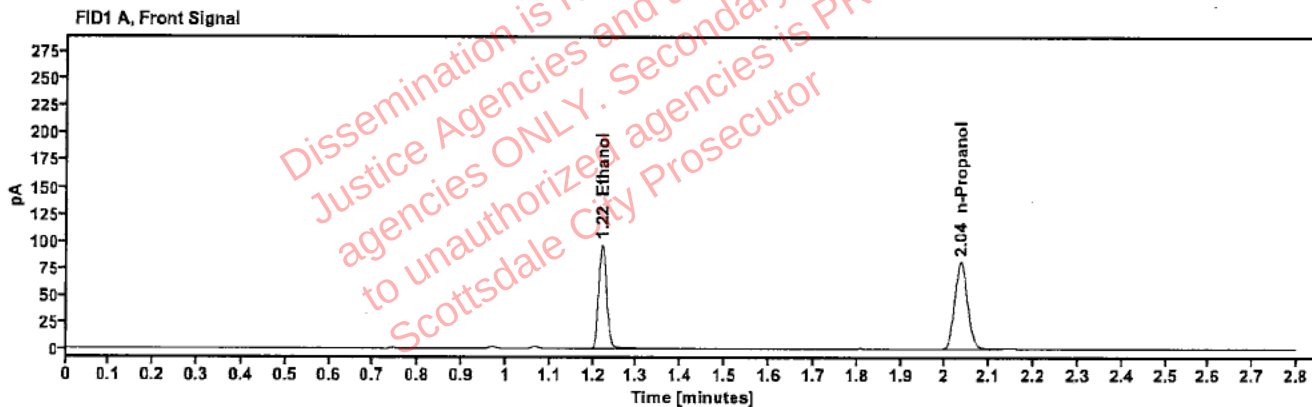


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1974	1.221	122.632
n-Propanol	-----	2.035	161.657

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

Compound	Time (min)	Peak Area
Ethanol	1.370	134.250
n-Propanol	2.460	174.844

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	426-01B.B.	Vial:	17
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 9:08:48 PM
Data file:	C:\Chem32\1\Data\29Aug25\17.D	Analyst:	Brooke

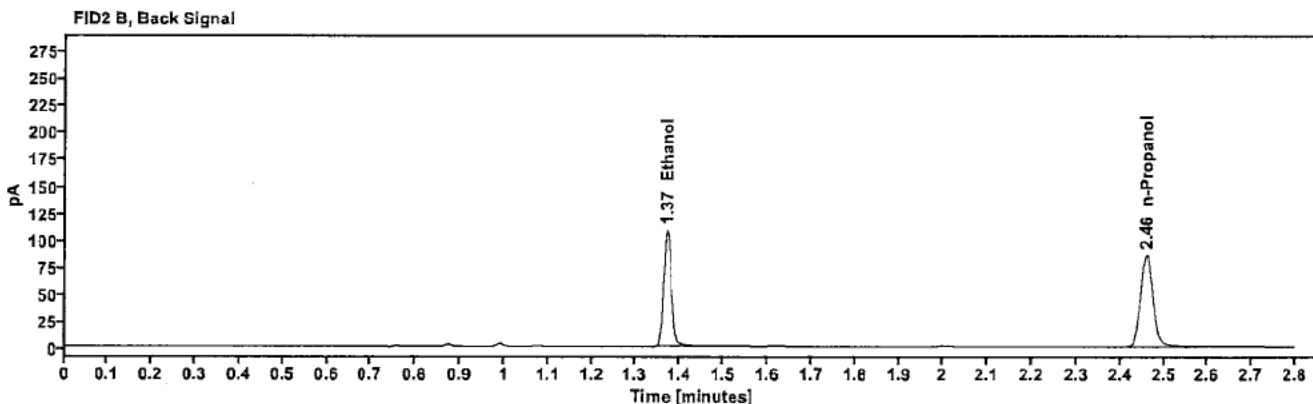
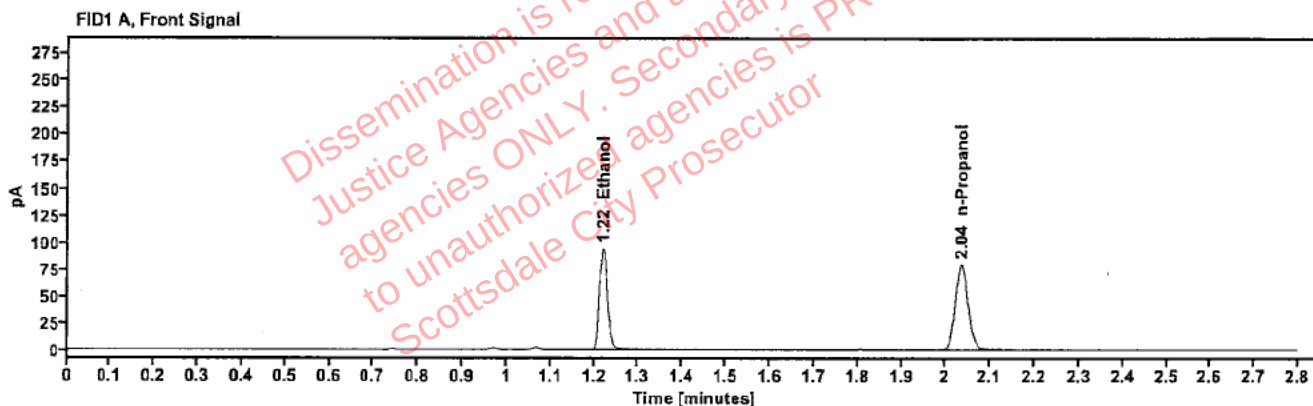


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1964	1.221	119.642
n-Propanol	---	2.035	158.538

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

Compound	Time (min)	Peak Area
Ethanol	1.370	131.070
n-Propanol	2.460	171.526

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	441-01F.D	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 9:12:49 PM
Data file:	C:\Chem32\1\Data\29Aug25\18.D	Analyst:	Brooke

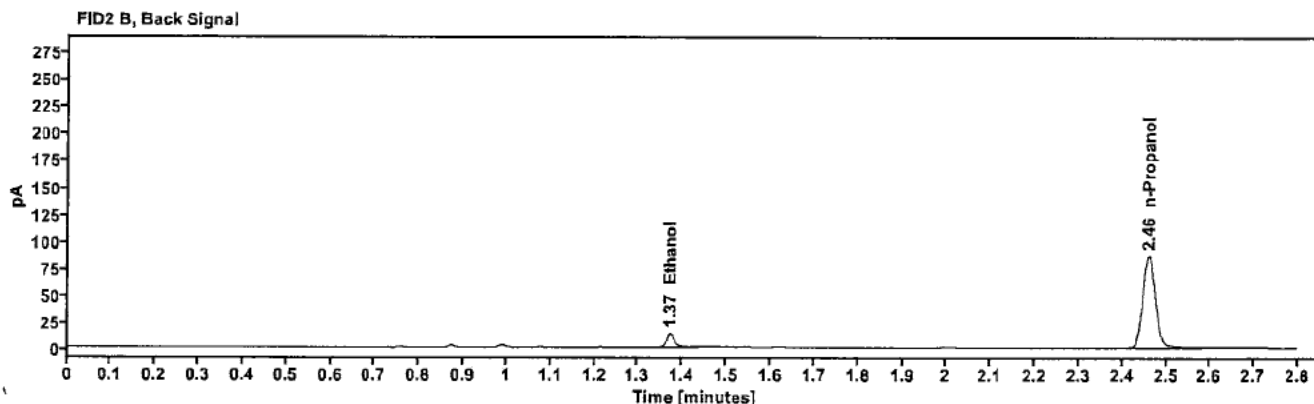
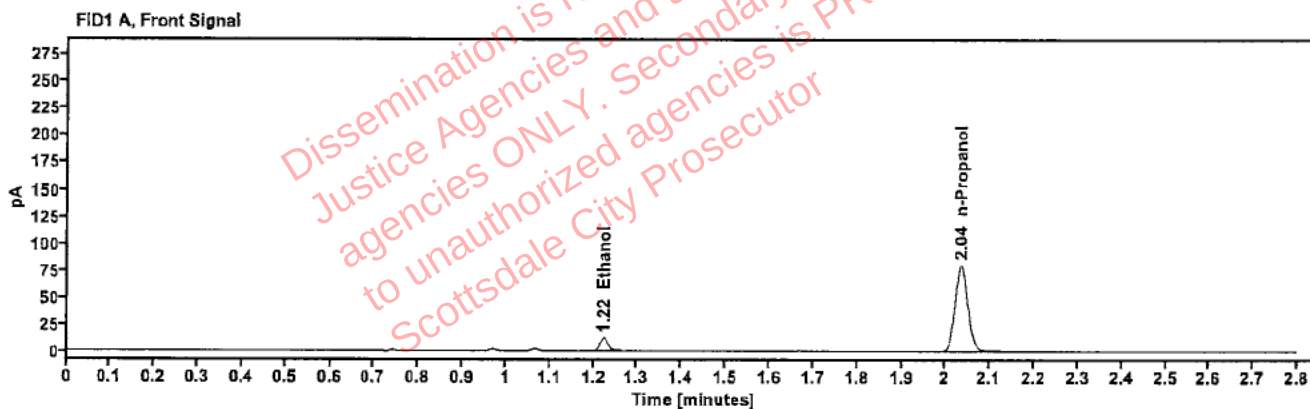


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0254	1.223	14.816
n-Propanol	-----	2.035	159.497

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

Compound	Time (min)	Peak Area
Ethanol	1.372	16.397
n-Propanol	2.460	172.840

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	441-01F.D.	Vial:	19
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 9:17:04 PM
Data file:	C:\Chem32\1\Data\29Aug25\19.D	Analyst:	Brooke

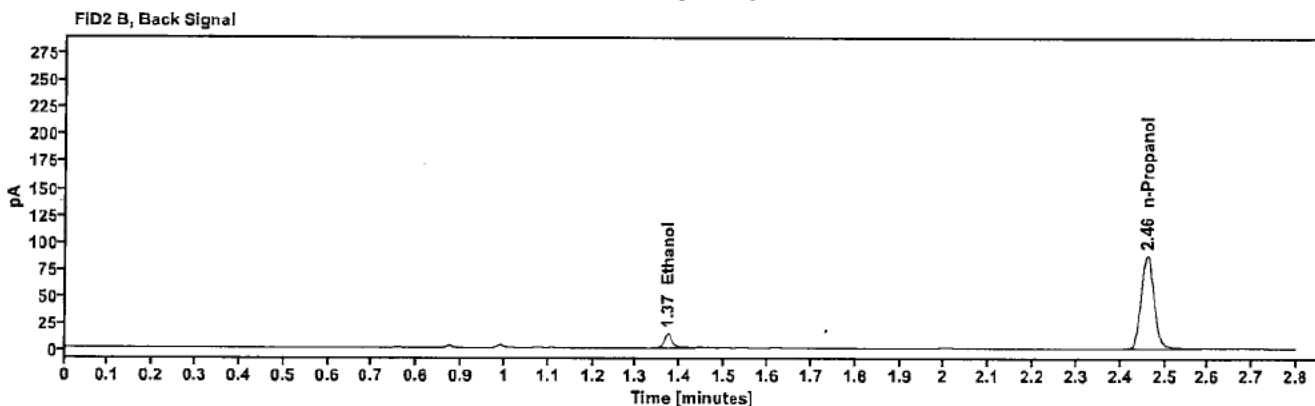
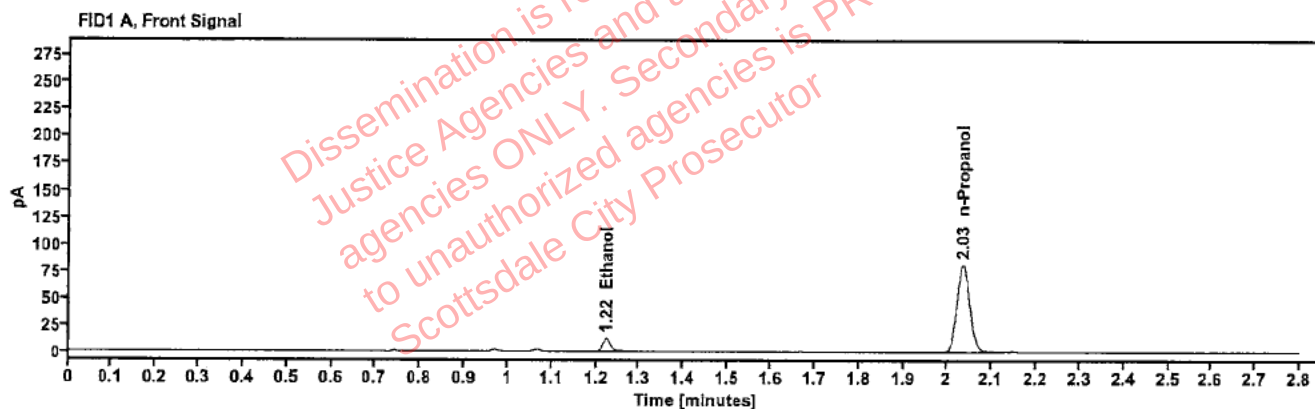


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0254	1.223	14.992
n-Propanol	-----	2.035	161.653

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

Compound	Time (min)	Peak Area
Ethanol	1.372	16.487
n-Propanol	2.460	175.293

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	446-01A.A.	Vial:	21
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 9:25:05 PM
Data file:	C:\Chem32\1\Data\29Aug25\21.D	Analyst:	Brooke

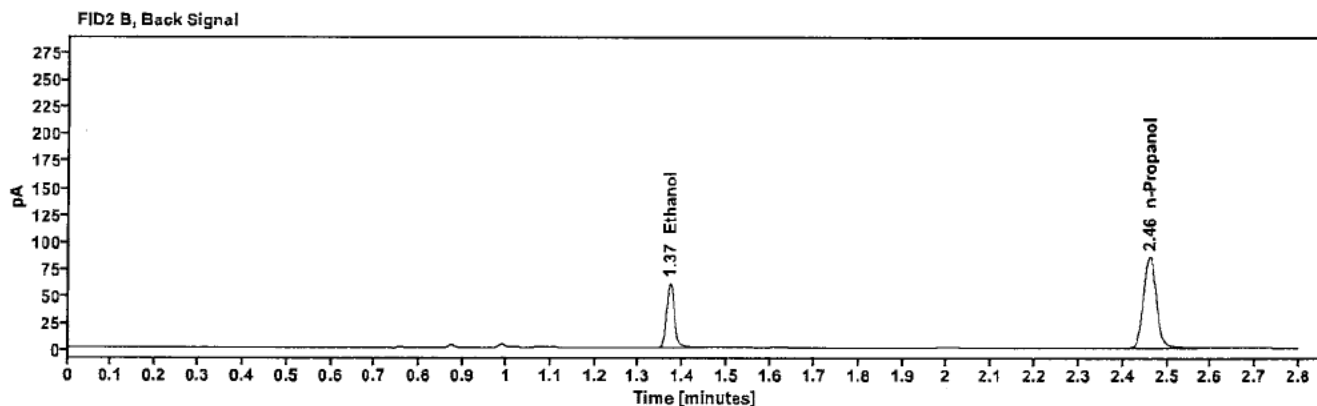
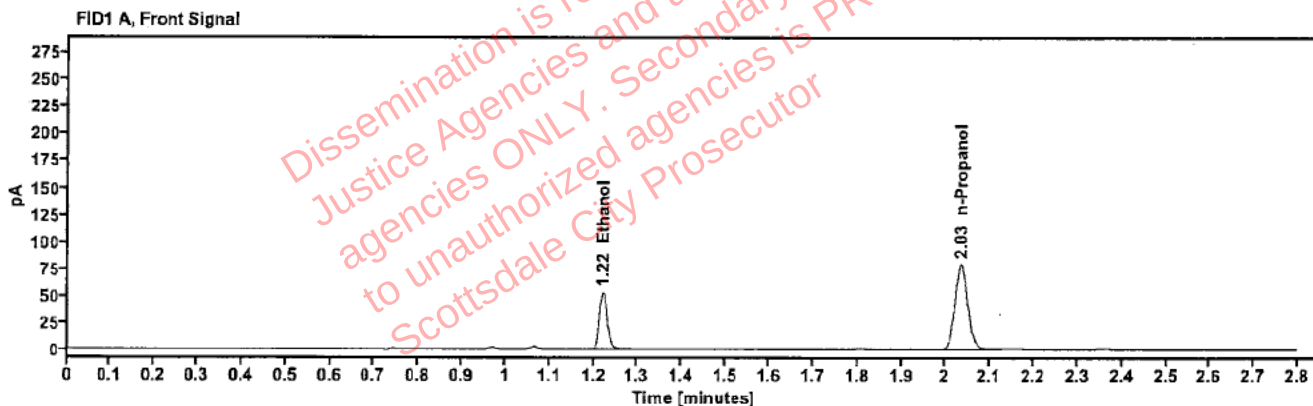


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1113	1.221	66.980
n-Propanol	-----	2.035	157.520

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

Compound	Time (min)	Peak Area
Ethanol	1.370	73.182
n-Propanol	2.460	170.724

: Brooke, Phillip - (30-Aug-2025)

Case: User: pbrooke 8/30/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	446-01A.A.	Vial:	22
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 9:29:04 PM
Data file:	C:\Chem32\1\Data\29Aug25\22.D	Analyst:	Brooke

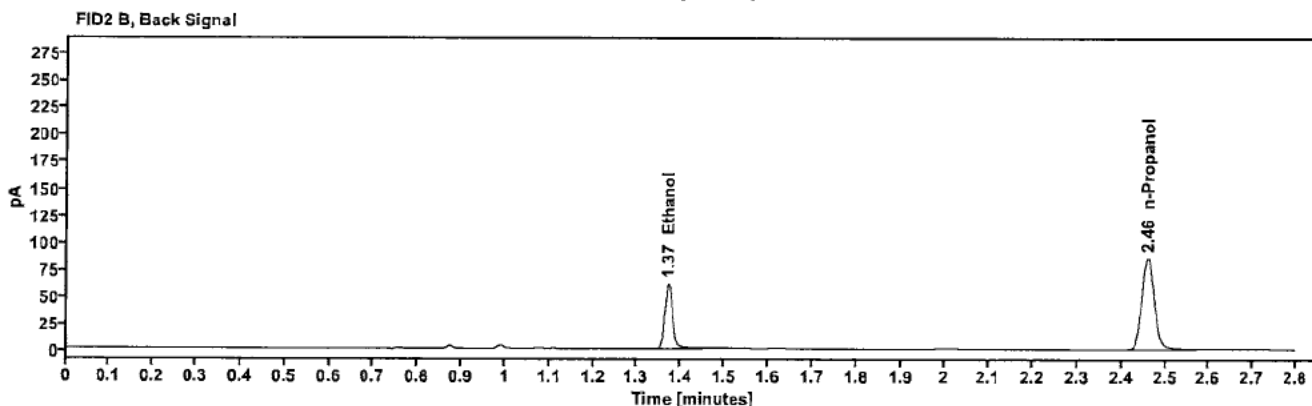
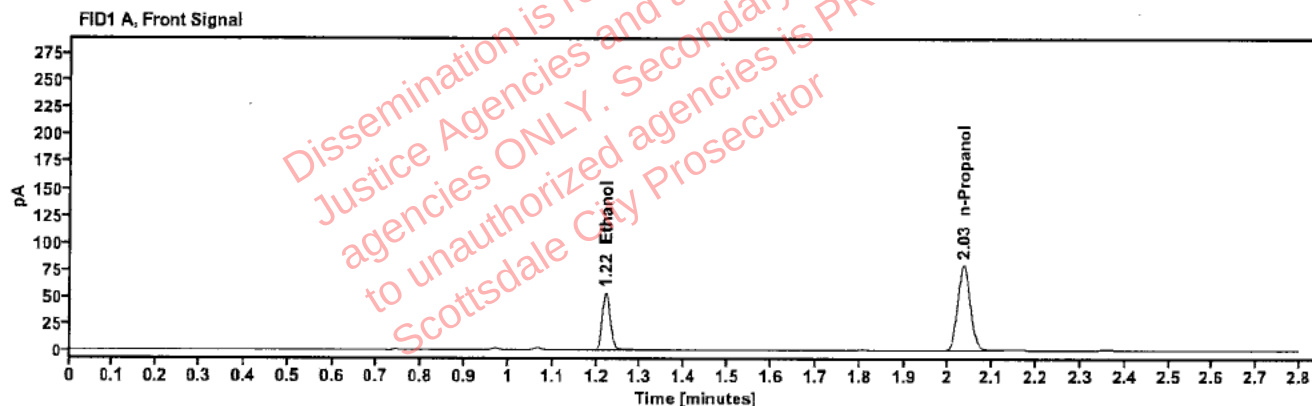


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1118	1.221	67.684
n-Propanol	----	2.035	158.374

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

Compound	Time (min)	Peak Area
Ethanol	1.371	73.917
n-Propanol	2.460	171.577

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516295-1	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 9:33:04 PM
Data file:	C:\Chem32\1\Data\29Aug25\23.D	Analyst:	Brooke

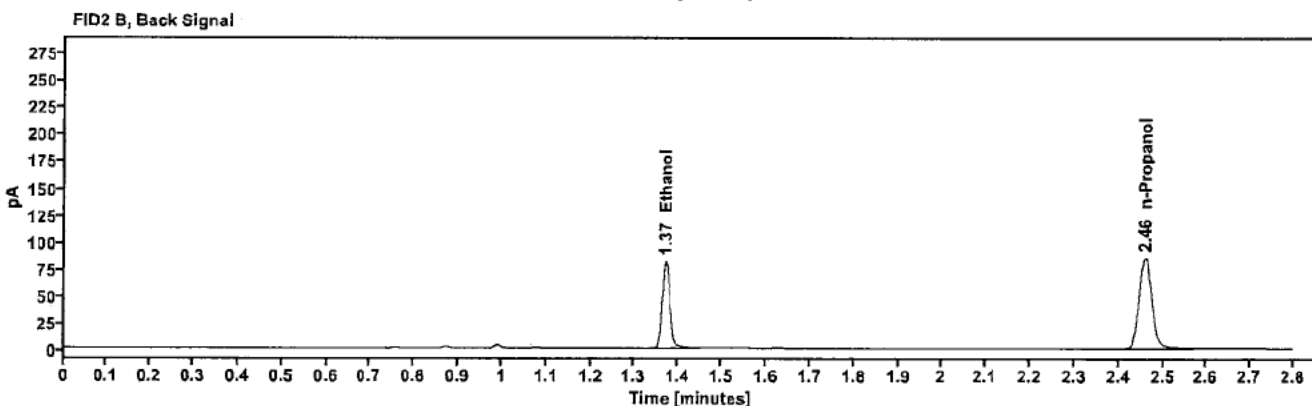
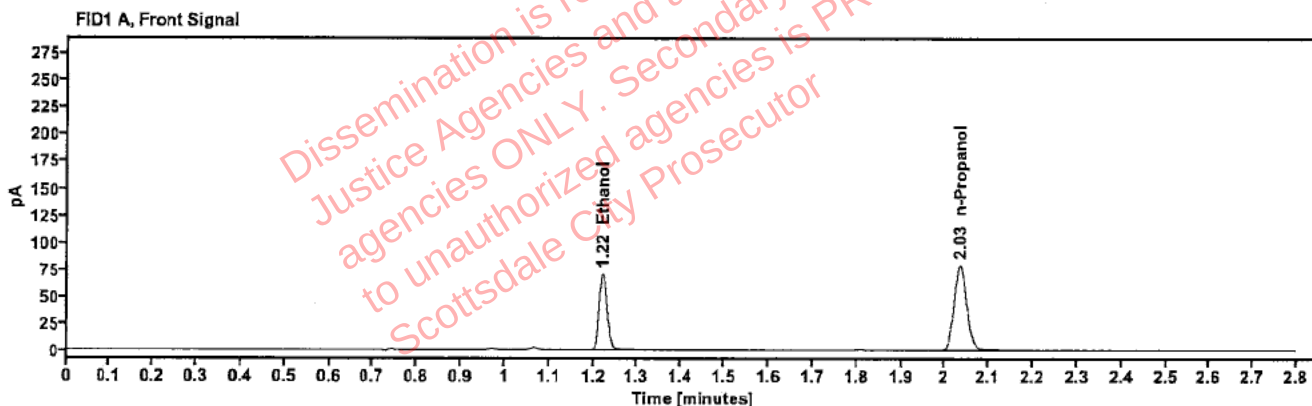


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1485	1.221	90.051
n-Propanol	—	2.035	158.248

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

Compound	Time (min)	Peak Area
Ethanol	1.370	98.245
n-Propanol	2.460	170.469

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516295-1	Vial:	24
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 9:37:04 PM
Data file:	C:\Chem32\1\Data\29Aug25\24.D	Analyst:	Brooke

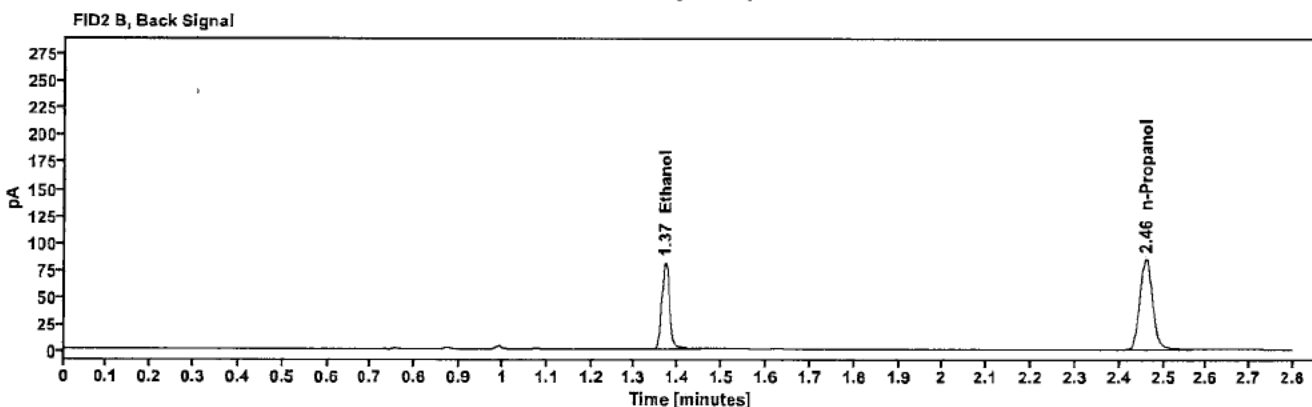
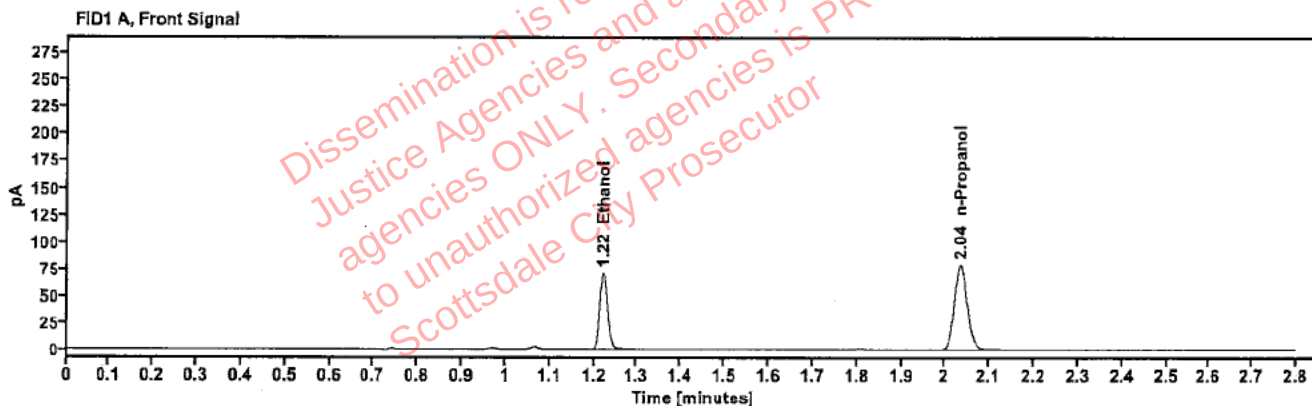


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1490	1.221	89.880
n-Propanol	---	2.035	157.380

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

Compound	Time (min)	Peak Area
Ethanol	1.370	98.033
n-Propanol	2.460	169.385

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516201-1	Vial:	25
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 9:41:18 PM
Data file:	C:\Chem32\1\Data\29Aug25\25.D	Analyst:	Brooke

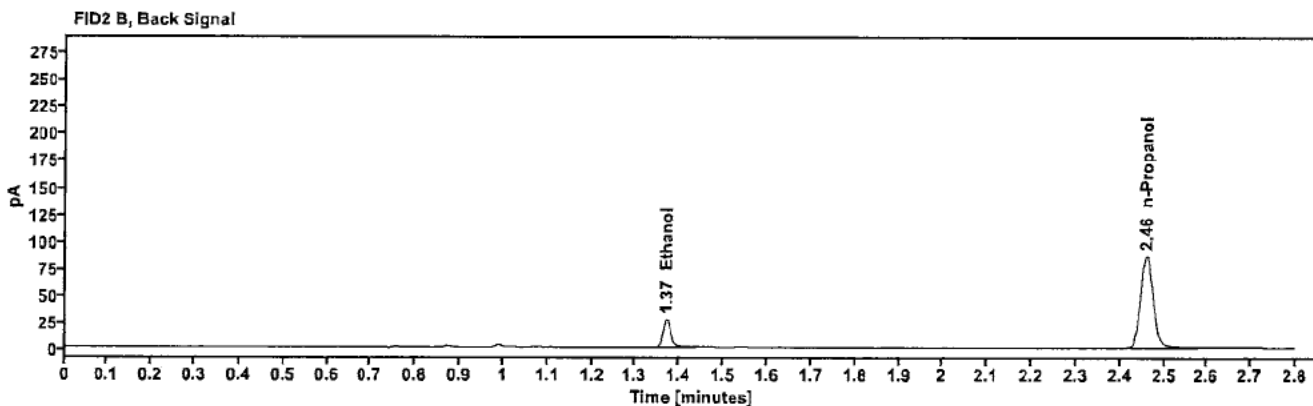
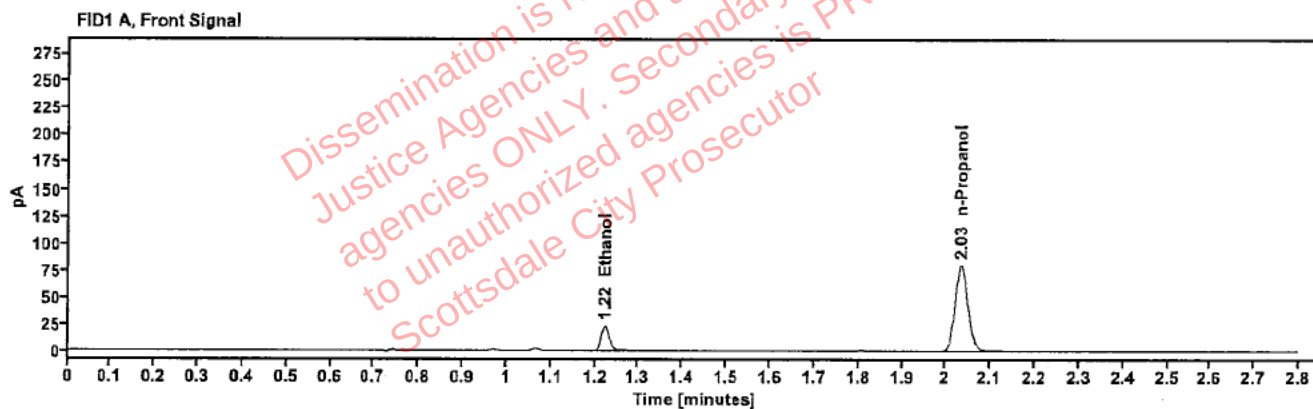


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0490	1.222	29.438
n-Propanol	—	2.035	159.610

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

Compound	Time (min)	Peak Area
Ethanol	1.371	32.367
n-Propanol	2.460	172.676

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516201-1	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 9:45:18 PM
Data file:	C:\Chem32\1\Data\29Aug25\26.D	Analyst:	Brooke

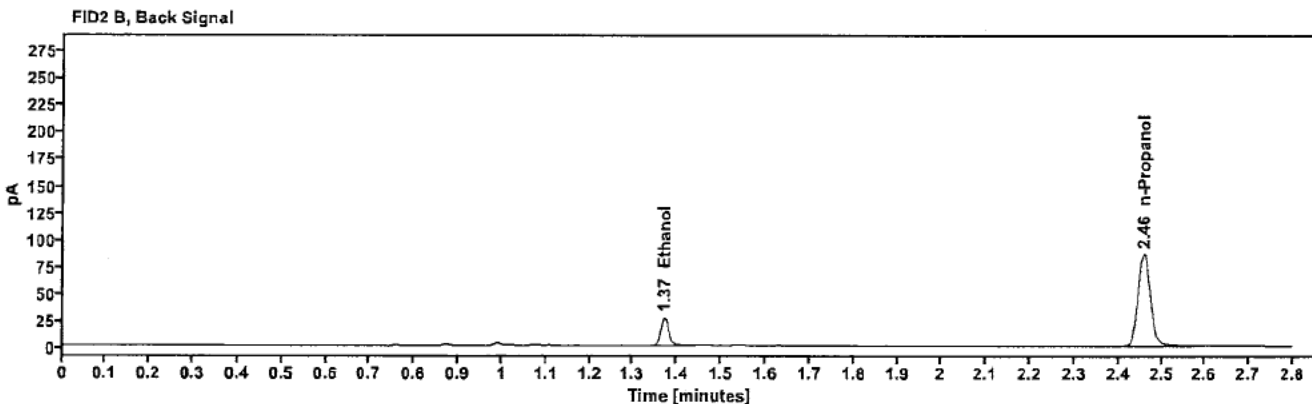
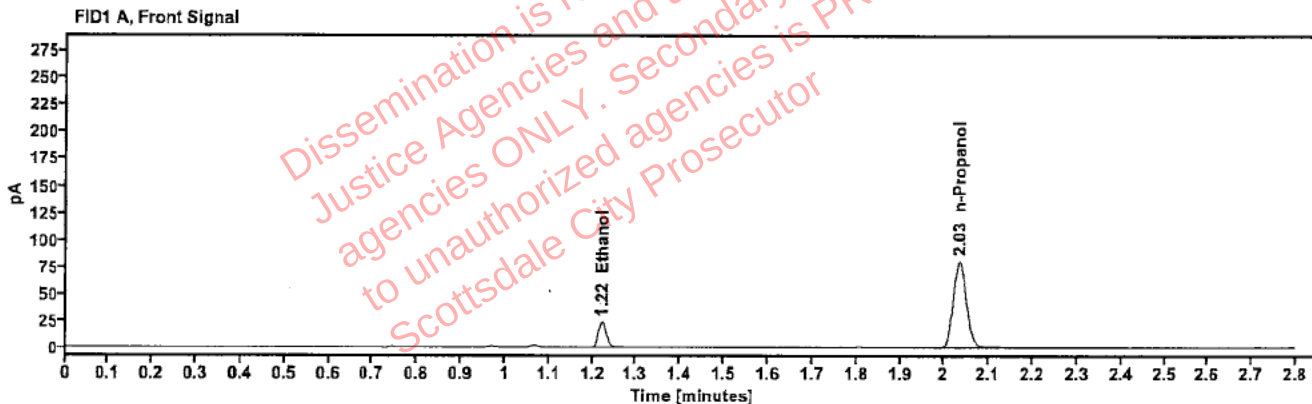


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0492	1.222	29.524
n-Propanol	—	2.034	159.623

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

Compound	Time (min)	Peak Area
Ethanol	1.371	32.594
n-Propanol	2.459	172.854

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516462-2	Vial:	27
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 9:49:18 PM
Data file:	C:\Chem32\1\Data\29Aug25\27.D	Analyst:	Brooke

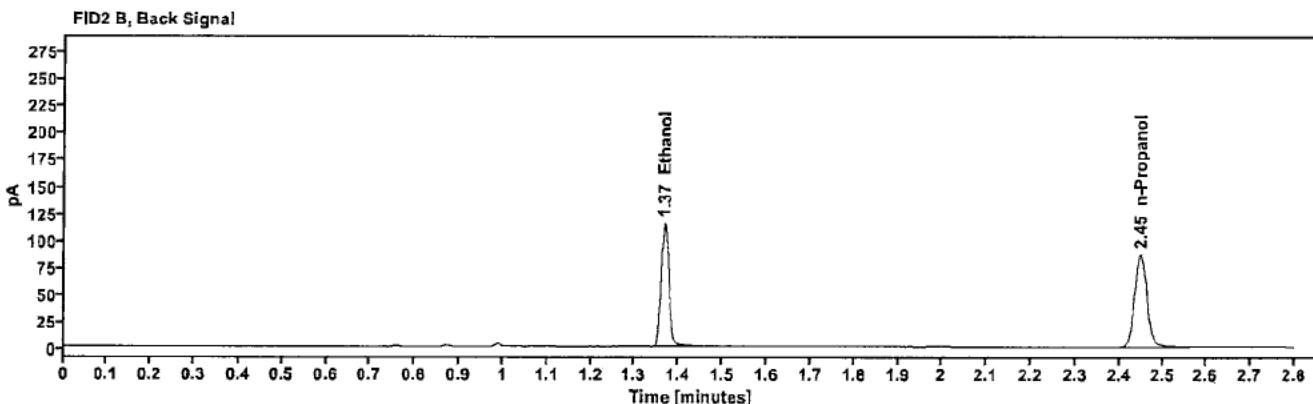
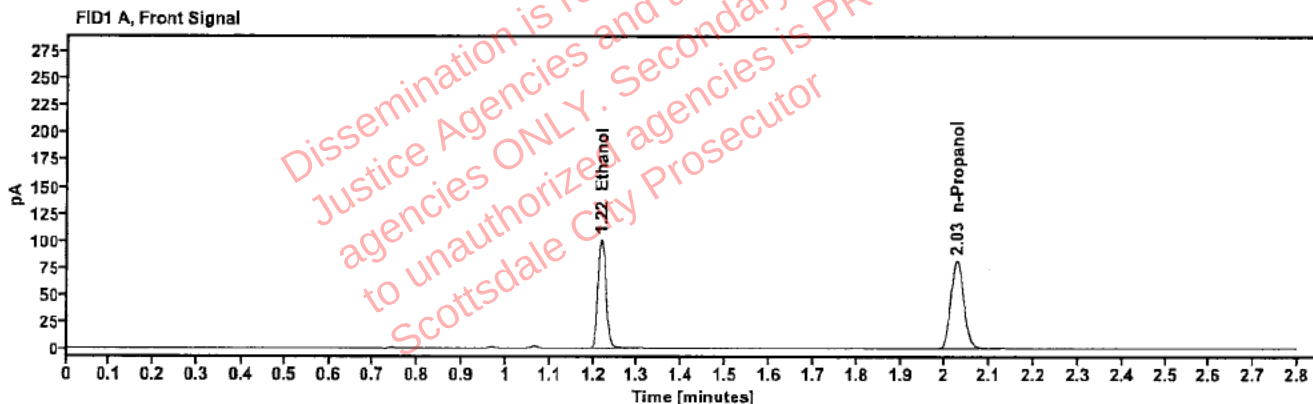


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2053	1.219	126.997
n-Propanol	—	2.027	160.932

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

Compound	Time (min)	Peak Area
Ethanol	1.367	138.856
n-Propanol	2.449	172.790

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516462-2	Vial:	28
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 9:53:18 PM
Data file:	C:\Chem32\1\Data\29Aug25\28.D	Analyst:	Brooke

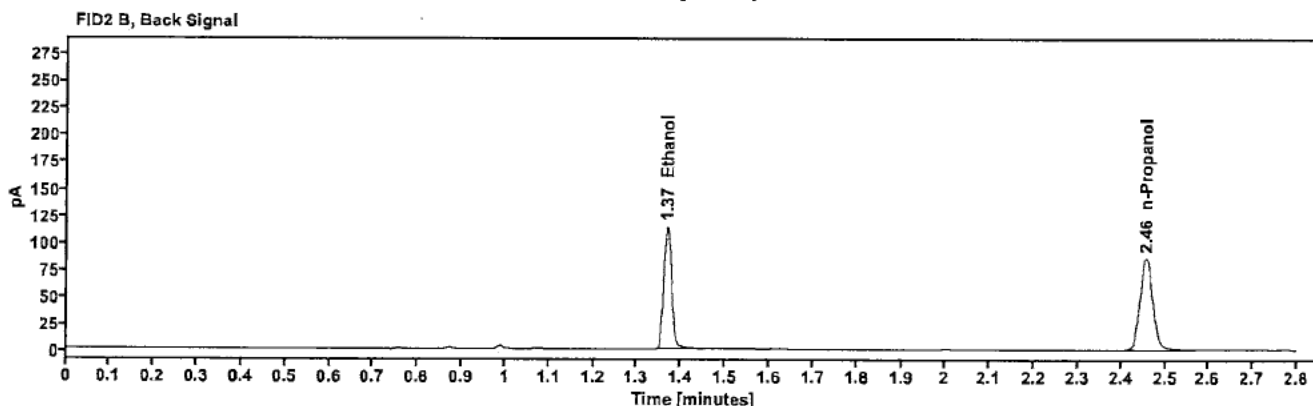
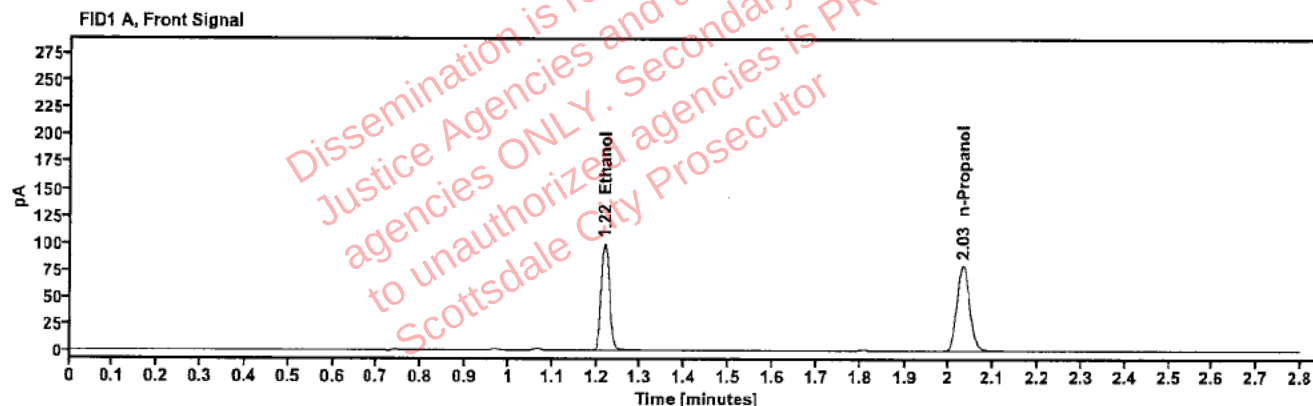


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2064	1.219	126.240
n-Propanol	—	2.032	159.173

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

Compound	Time (min)	Peak Area
Ethanol	1.368	137.902
n-Propanol	2.456	171.553

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516537-2	Vial:	29
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 9:57:20 PM
Data file:	C:\Chem32\1\Data\29Aug25\29.D	Analyst:	Brooke

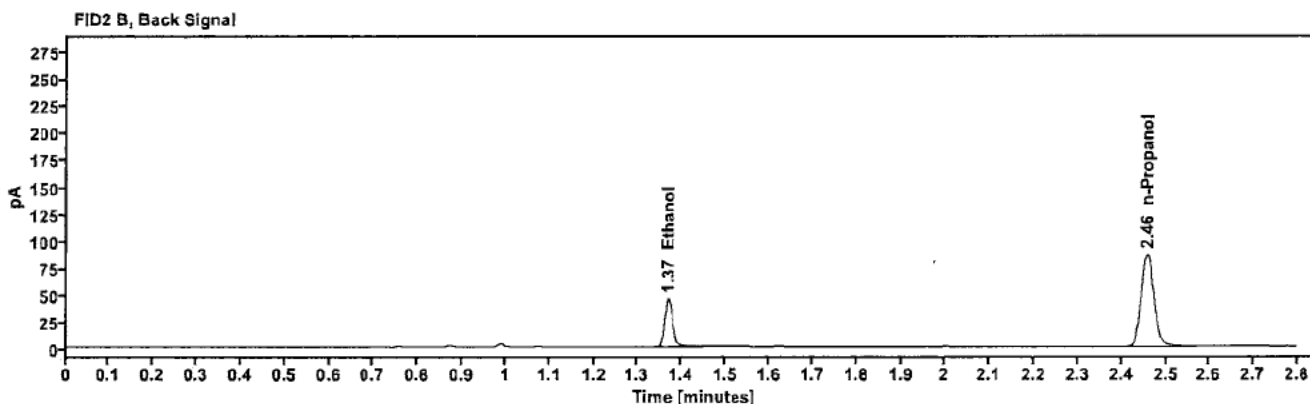
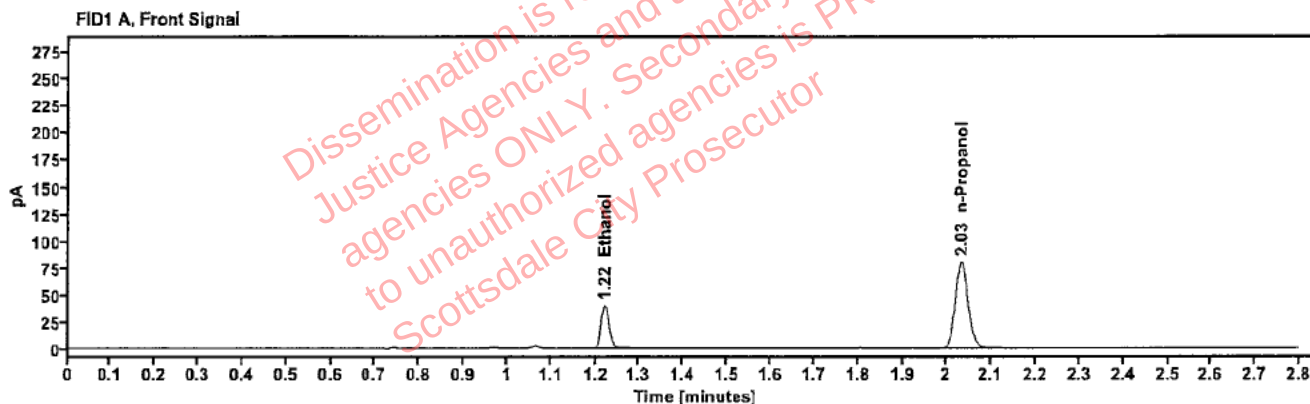


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0826	1.221	50.153
n-Propanol	—	2.033	159.582

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

Compound	Time (min)	Peak Area
Ethanol	1.370	54.511
n-Propanol	2.458	172.230

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516537-2	Vial:	30
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 10:01:20 PM
Data file:	C:\Chem32\1\Data\29Aug25\30.D	Analyst:	Brooke

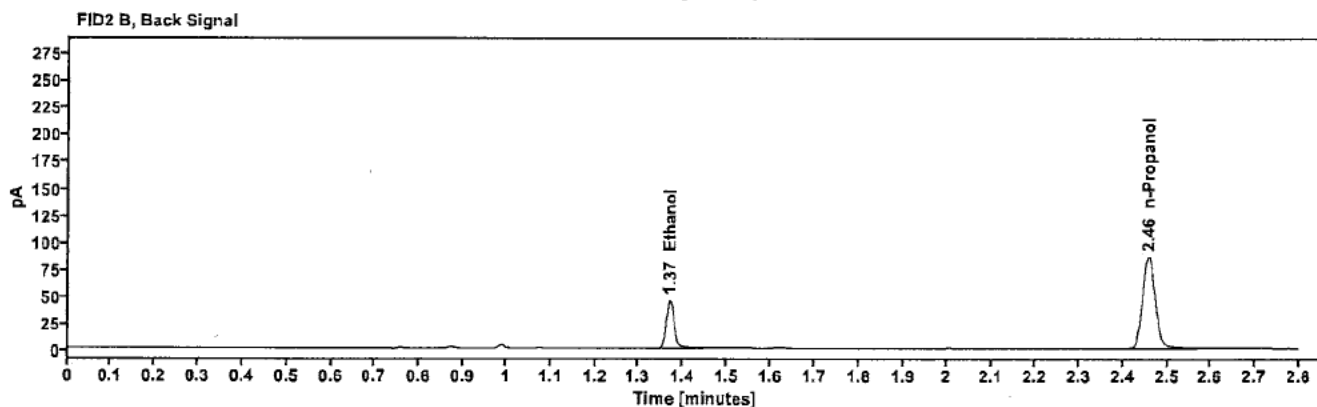
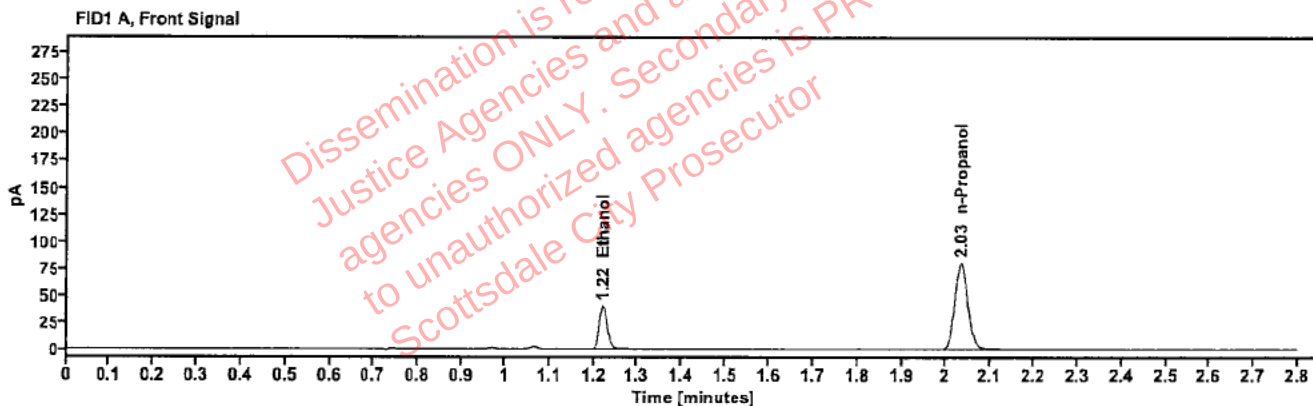


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0825	1.221	50.108
n-Propanol	—	2.033	159.671

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

Compound	Time (min)	Peak Area
Ethanol	1.370	54.445
n-Propanol	2.458	172.348

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516619-1	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 10:09:34 PM
Data file:	C:\Chem32\11\Data\29Aug25\32.D	Analyst:	Brooke

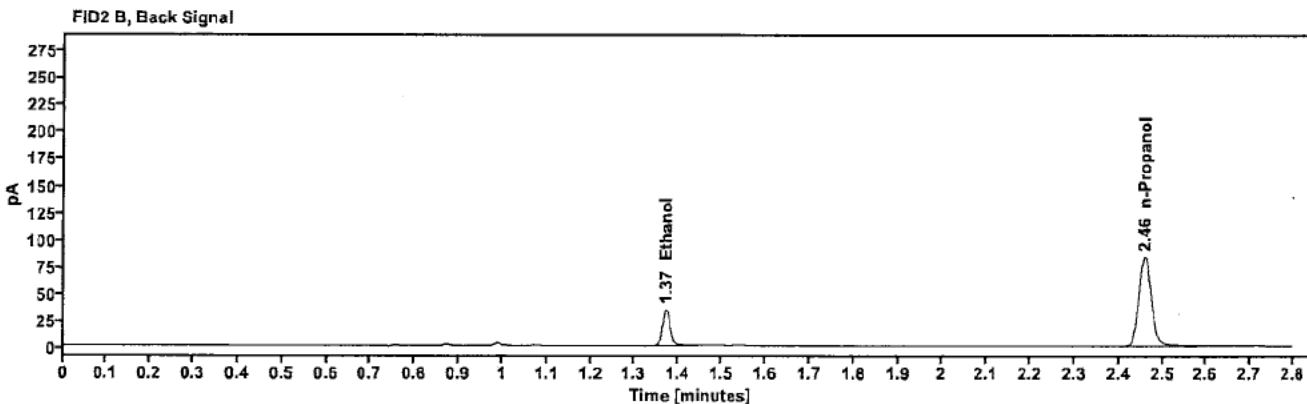
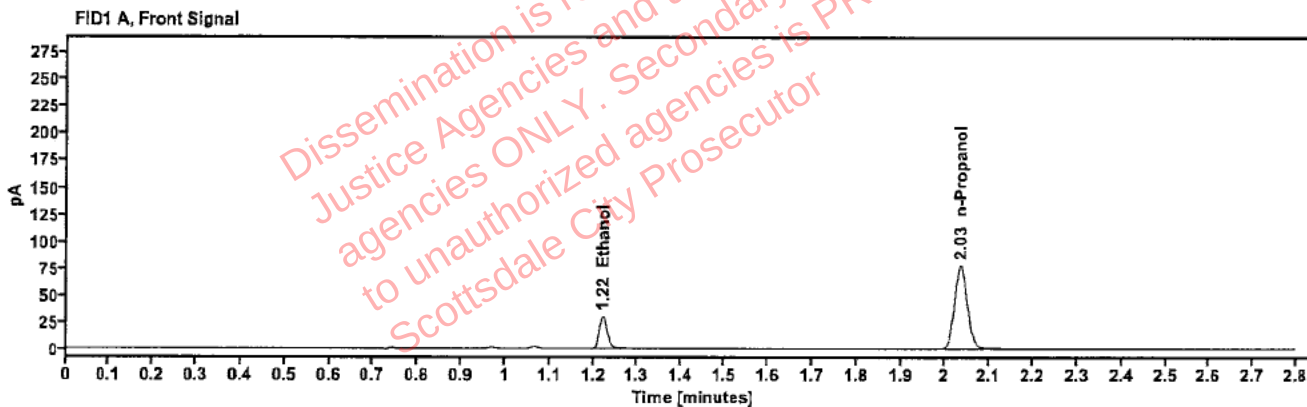


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0648	1.222	38.017
n-Propanol	-----	2.035	154.807

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

Compound	Time (min)	Peak Area
Ethanol	1.371	41.174
n-Propanol	2.459	167.399

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516619-1 [REDACTED]	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 10:13:34 PM
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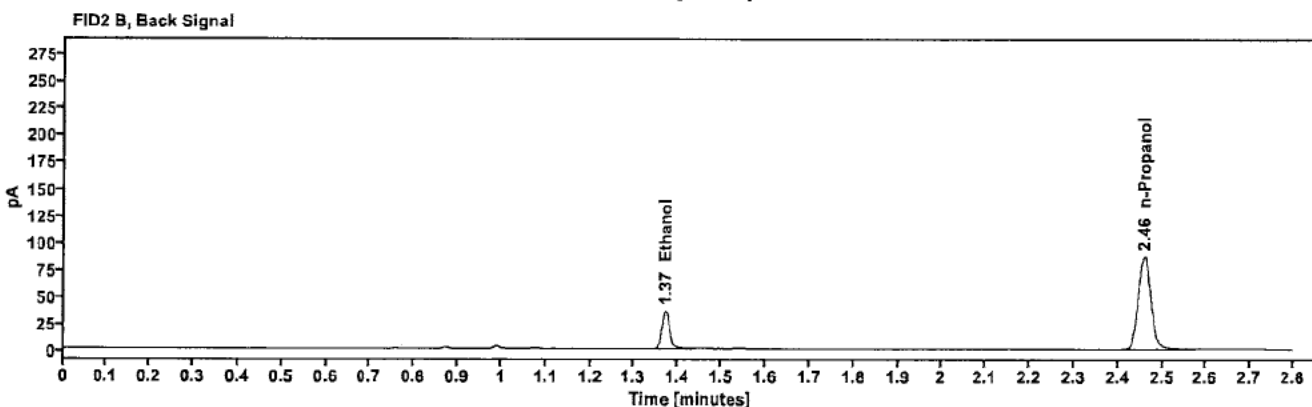
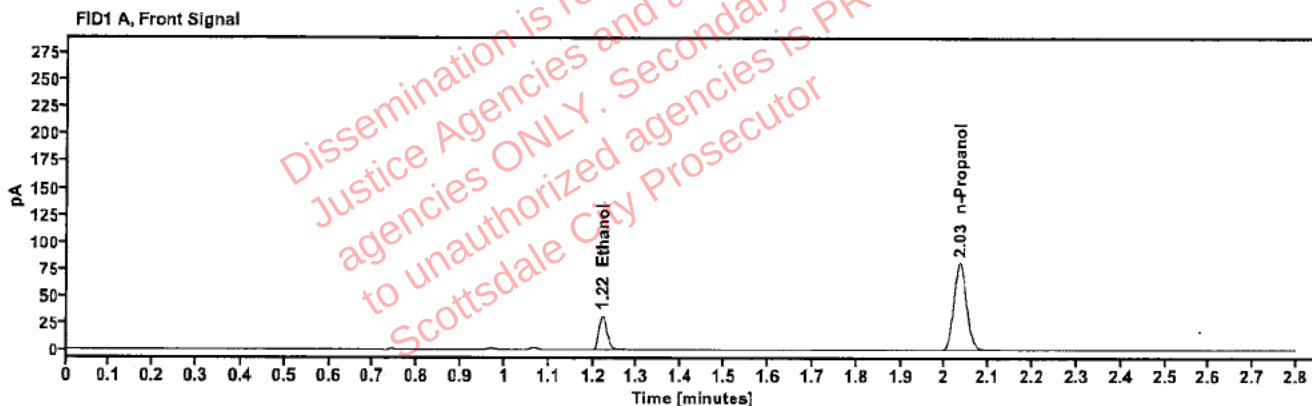


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0651	1.222	39.827
n-Propanol	---	2.034	161.595

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

Compound	Time (min)	Peak Area
Ethanol	1.371	43.110
n-Propanol	2.459	174.453

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516619-4	Vial:	34
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 10:17:35 PM
Data file:	C:\Chem32\1\Data\29Aug25\34.D	Analyst:	Brooke

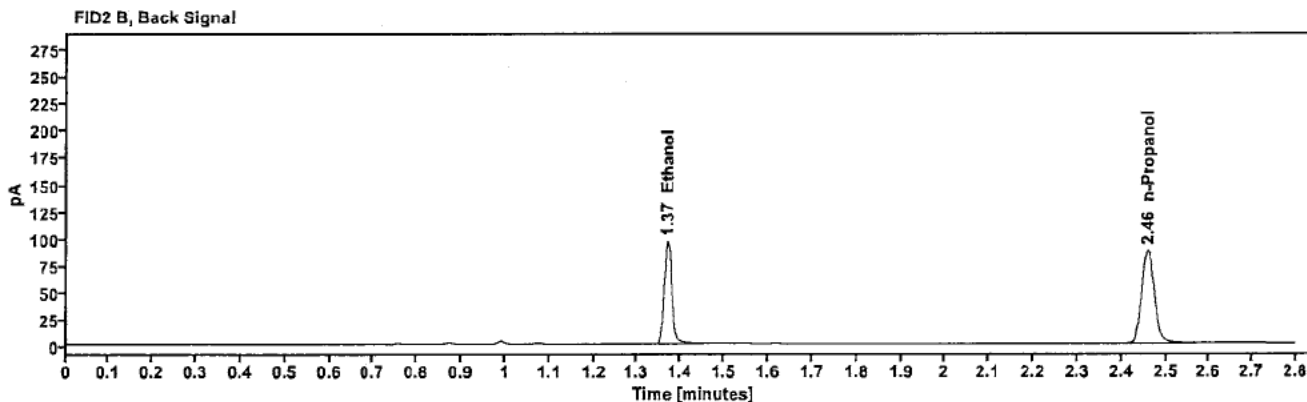
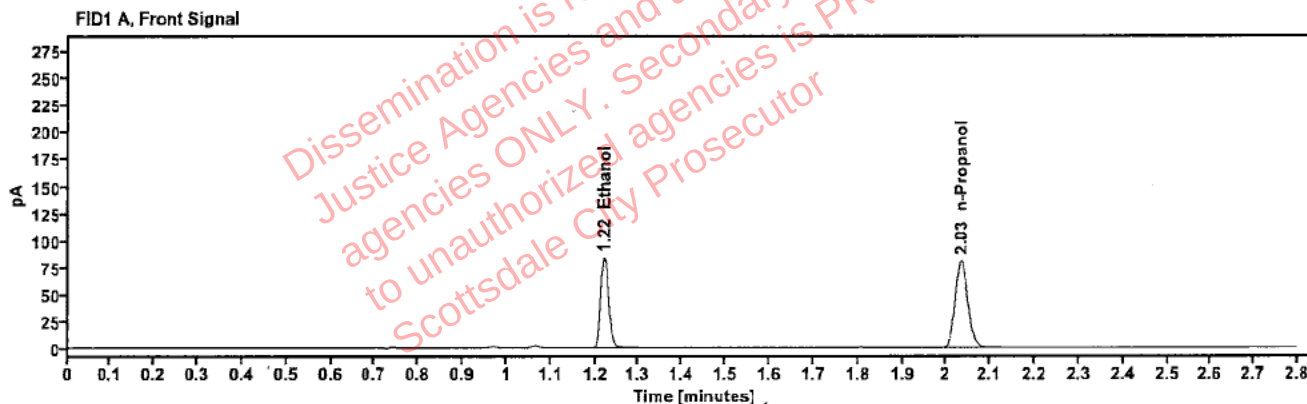


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1713	1.221	106.075
n-Propanol	—	2.034	161.311

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

Compound	Time (min)	Peak Area
Ethanol	1.370	115.563
n-Propanol	2.459	173.987

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516619-4	Vial:	35
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 10:21:34 PM
Data file:	C:\Chem32\1\Data\29Aug25\35.D	Analyst:	Brooke

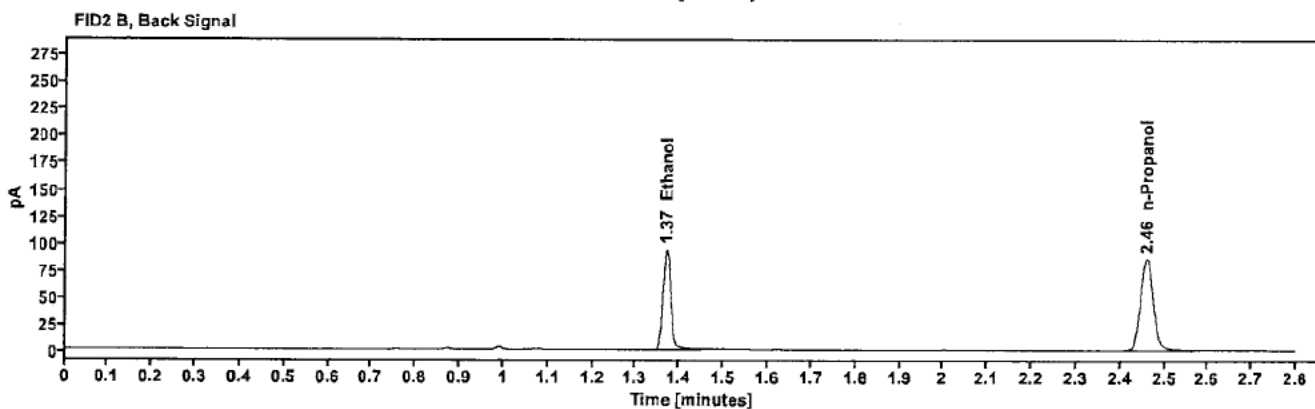
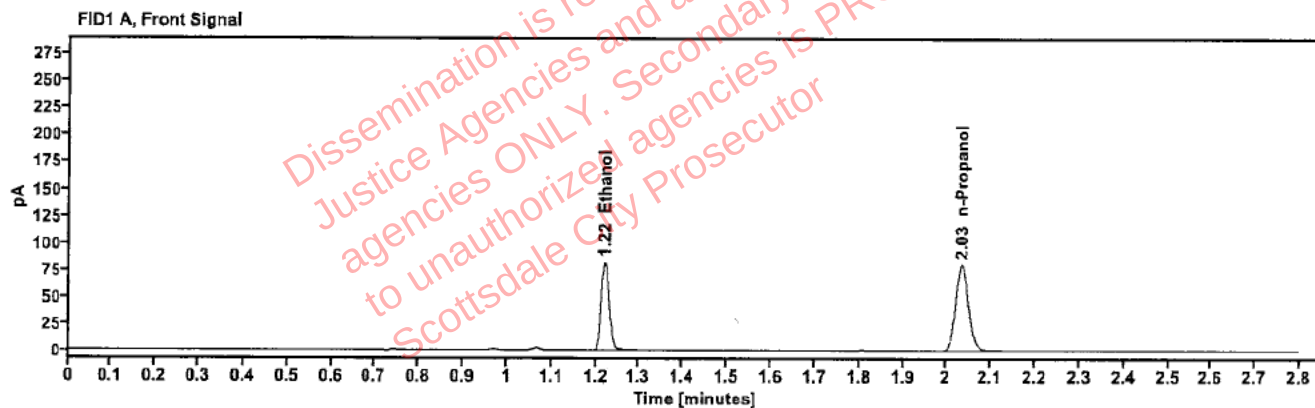


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1697	1.221	103.675
n-Propanol	-----	2.034	159.209

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

Compound	Time (min)	Peak Area
Ethanol	1.370	113.090
n-Propanol	2.459	171.395

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516624-1	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 10:25:35 PM
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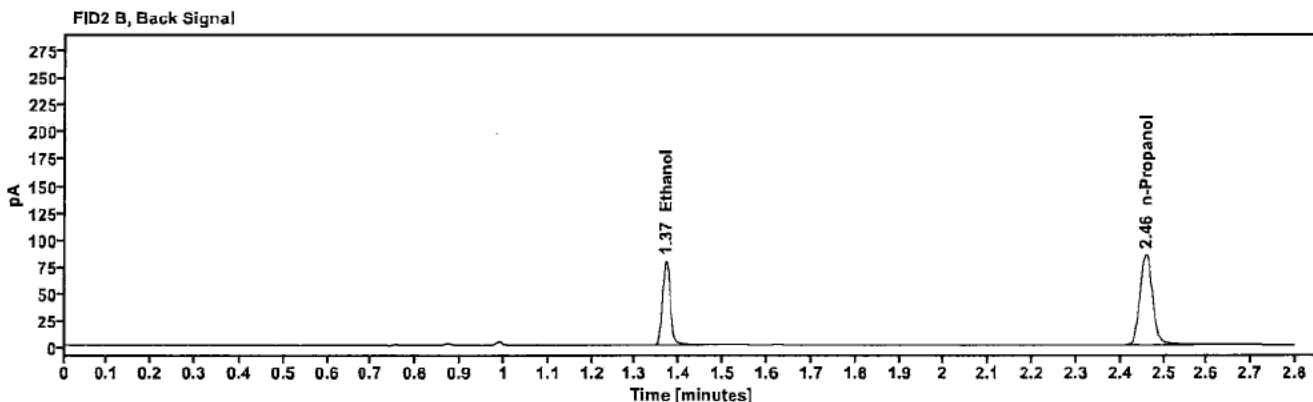
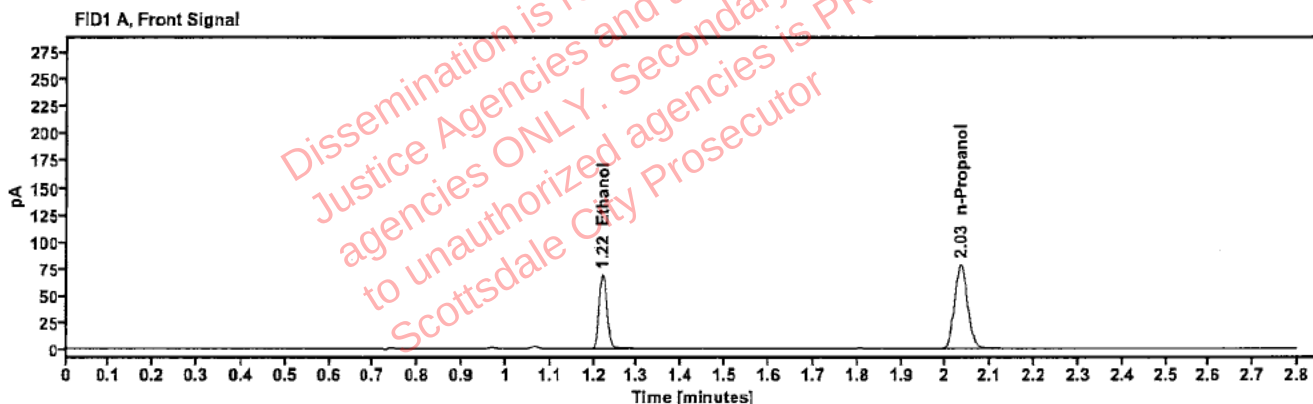


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1451	1.220	87.433
n-Propanol	---	2.034	157.210

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

Compound	Time (min)	Peak Area
Ethanol	1.369	95.397
n-Propanol	2.458	169.524

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516624-1	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 10:29:49 PM
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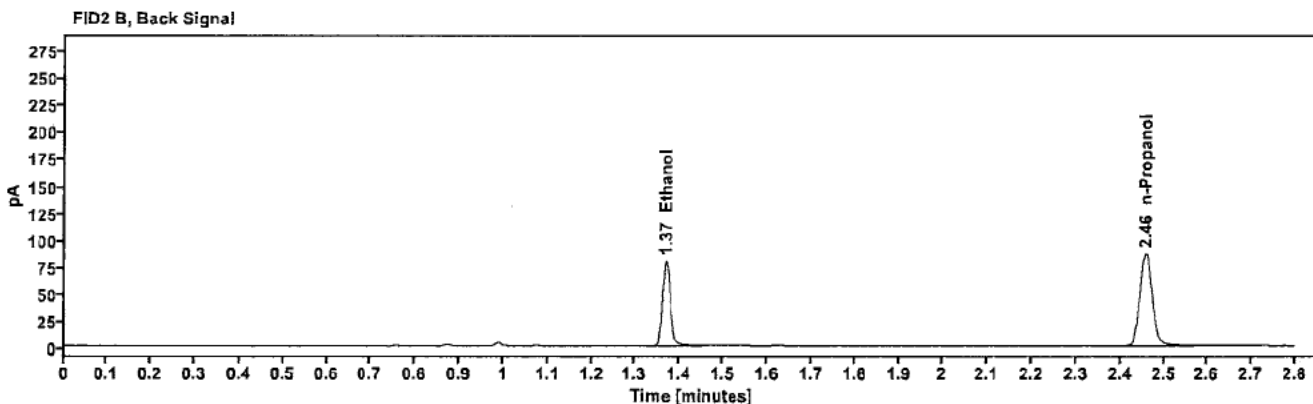
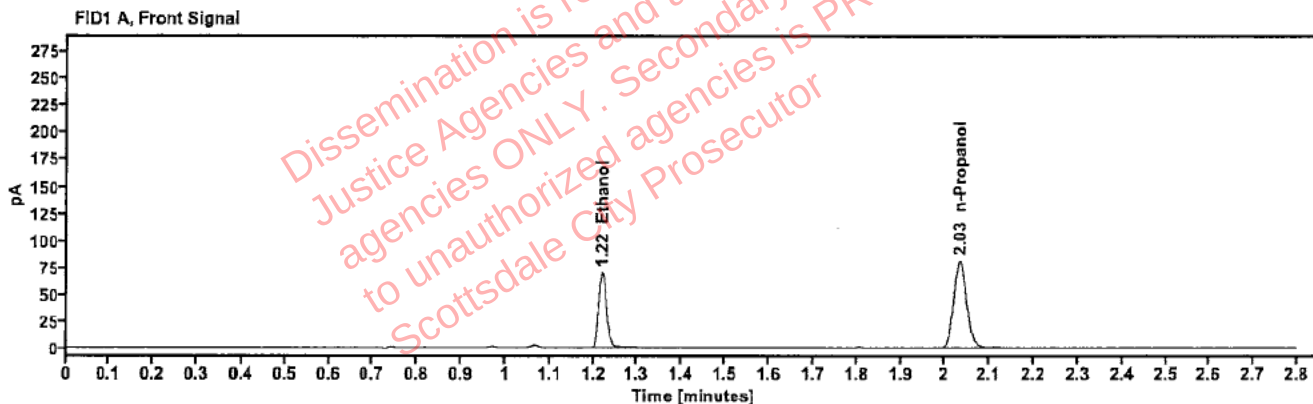


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1436	1.220	88.183
n-Propanol	-----	2.034	160.286

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

Compound	Time (min)	Peak Area
Ethanol	1.369	96.227
n-Propanol	2.458	172.891

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2503636-2	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 10:33:50 PM
Data file:	C:\Chem32\1\Data\29Aug25\38.D	Analyst:	Brooke

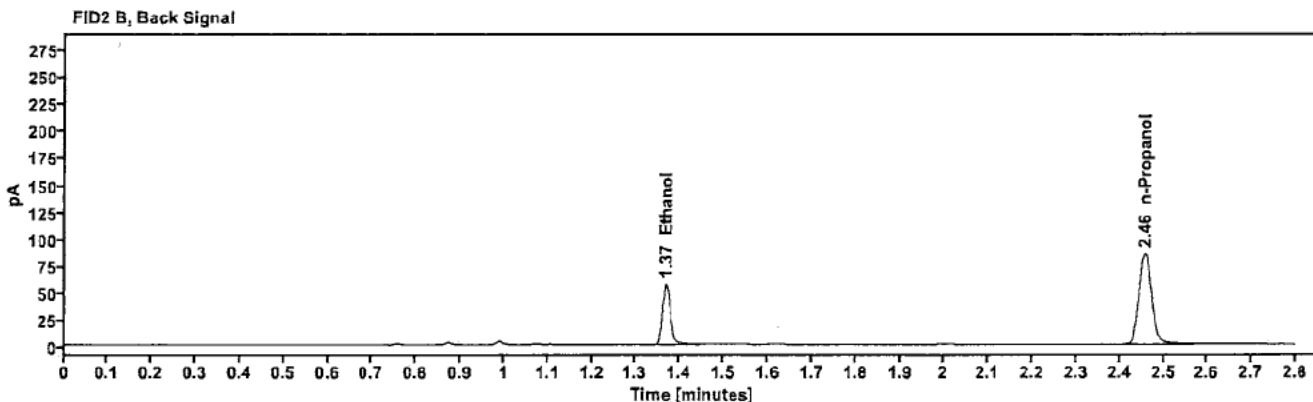
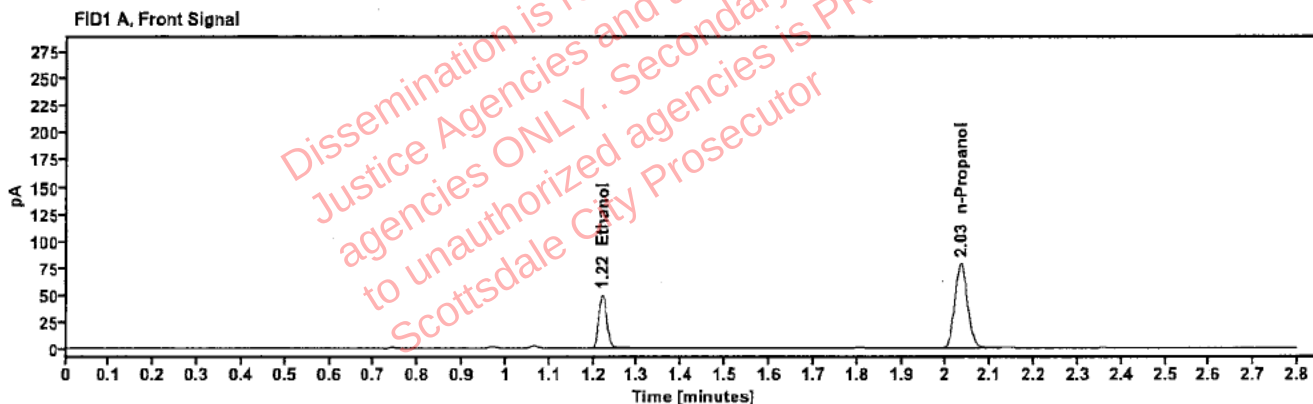


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1049	1.220	63.050
n-Propanol	—	2.033	157.414

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

Compound	Time (min)	Peak Area
Ethanol	1.369	68.700
n-Propanol	2.458	170.214

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2503636-2	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 10:37:49 PM
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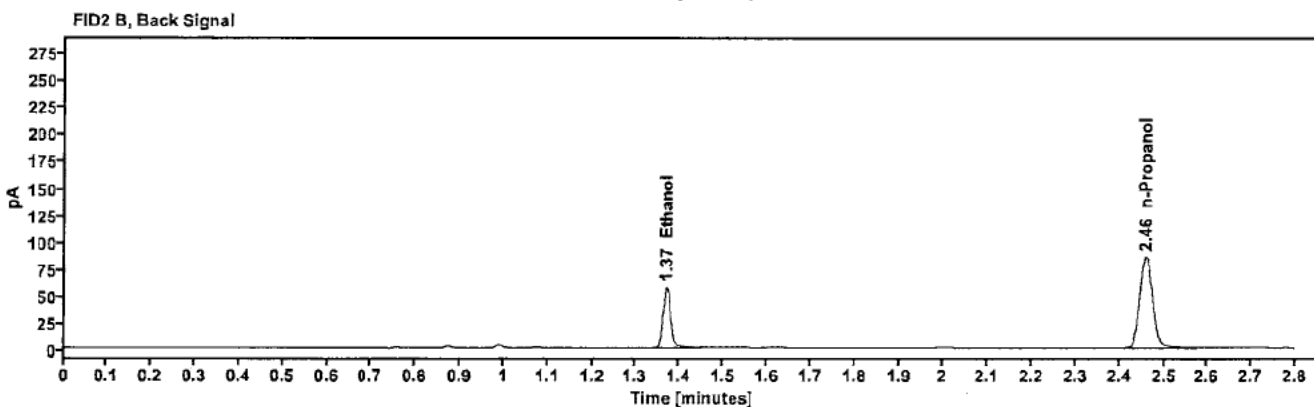
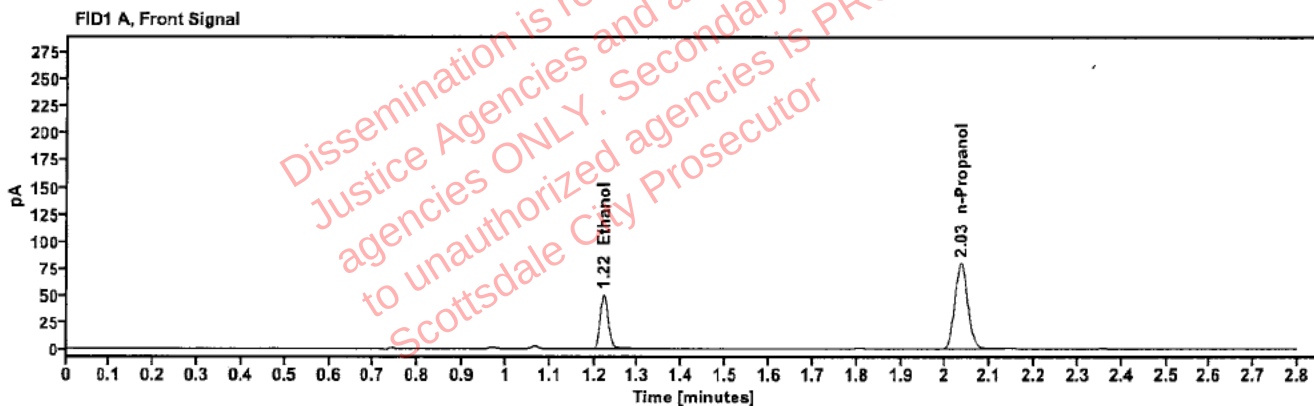


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1053	1.221	63.734
n-Propanol	—	2.034	158.576

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

Compound	Time (min)	Peak Area
Ethanol	1.370	69.511
n-Propanol	2.459	171.419

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516396-2	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 10:41:49 PM
Data file:	C:\Chem32\1\Data\29Aug25\40.D	Analyst:	Brooke

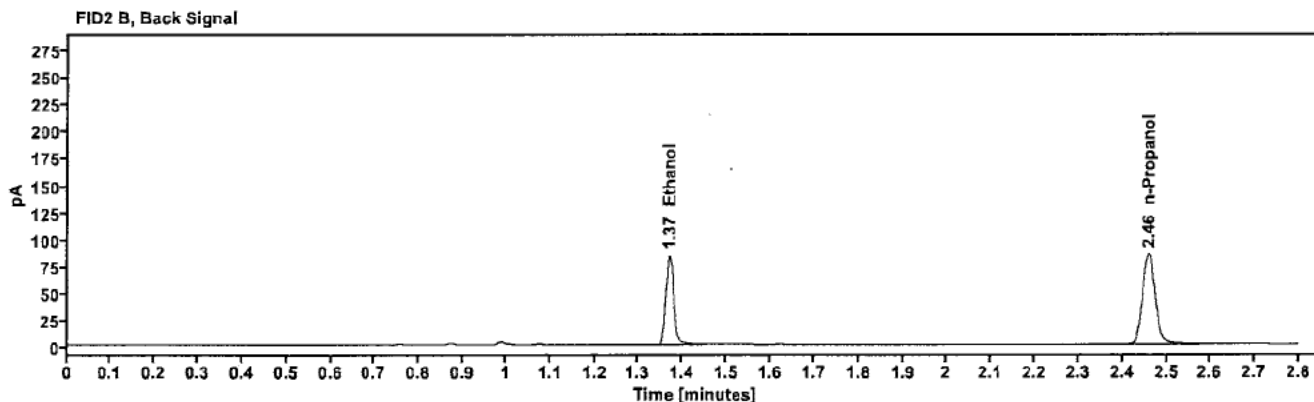
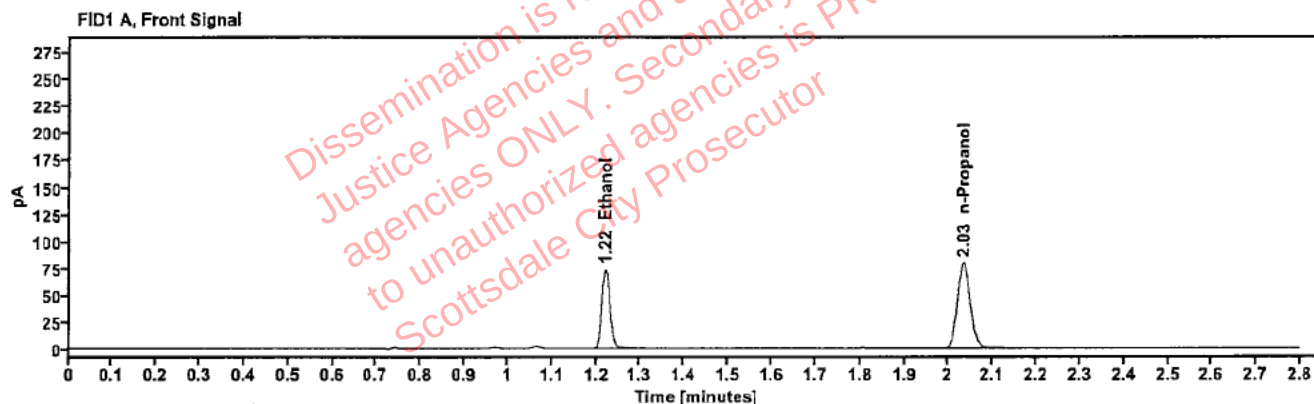


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1538	1.220	93.141
n-Propanol	—	2.034	157.947

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

Compound	Time (min)	Peak Area
Ethanol	1.369	101.558
n-Propanol	2.459	170.560

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516396-2	Vial:	41
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	29Aug25
Instrument:	US14173023 CN14160045	Injection date:	8/29/2025 10:45:49 PM
Data file:	C:\Chem32\1\Data\29Aug25\41.D	Analyst:	Brooke

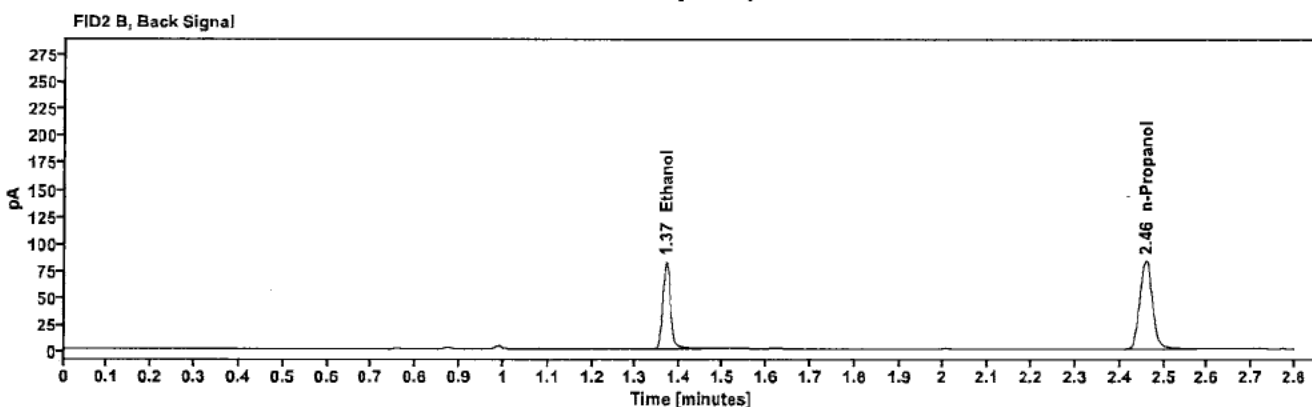
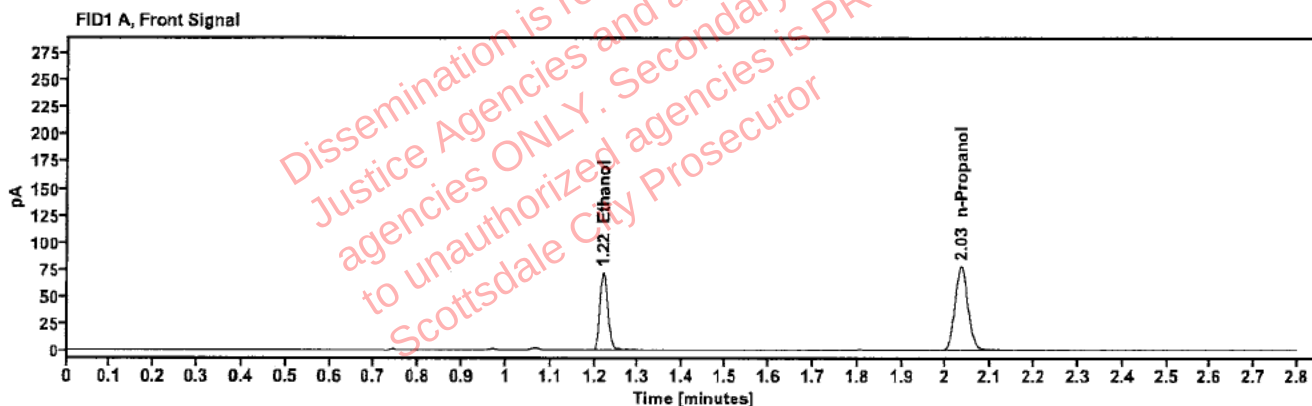


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1533	1.220	90.975
n-Propanol	---	2.034	154.813

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

Compound	Time (min)	Peak Area
Ethanol	1.369	99.414
n-Propanol	2.458	167.066