

**SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY
BLOOD ALCOHOL FACE SHEET**

ANALYSIS DATE 9/8/2025

SEQUENCE NAME 08Sep25

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 0.99998

Vial 3 0.20 calibrator Lot FN03132302

Vial 4 0.40 calibrator Lot FN03052102

CALIBRATION VERIFICATION AND RESOLUTION TEST

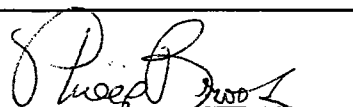
Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 111224WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.400 g/dL	Lipomed 12052023-B
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 518018
9	Blood control	0.203 g/dL	0.203 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	0.102 g/dL	Lipomed C1455120
42	Aqueous control	0.400 g/dL	0.401 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

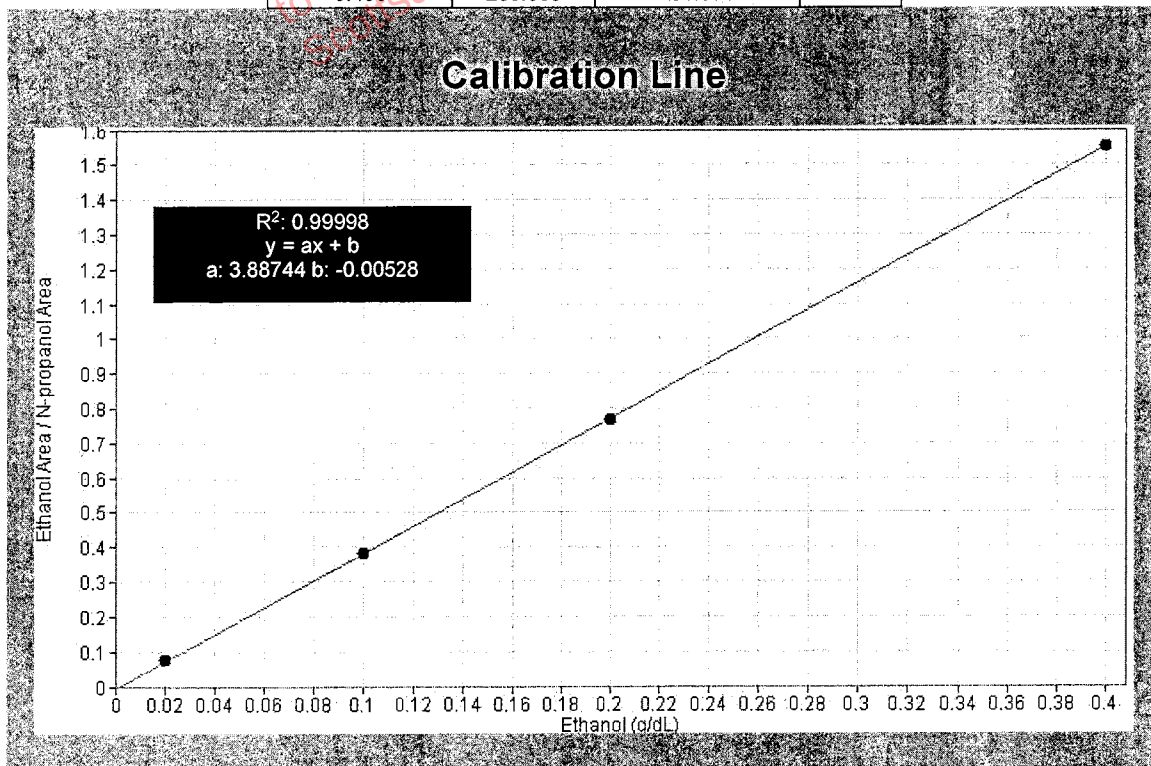
RB

SEQUENCE NAME: 08Sep25

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	0.400	0.400	0.00	0.000
0.040 518018	8	0.040	0.040	0.00	0.000
0.203 4130622206/10	9	0.203	0.203	0.00	0.000
0.100 C1455120	20	0.101	0.100	1.00	0.001
0.100 C1455120	31	0.102	0.100	2.00	0.002
0.400 12052023-B	42	0.401	0.400	0.25	0.001
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	11.529	153.399	0.075
0.100	57.916	151.578	0.382
0.200	118.717	154.339	0.769
0.400	235.088	151.531	1.551



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03122113	Vial:	1
Description:	0.020 calibrator	Sequence:	08Sep25
Method:	ethanol quant.M	Injection date:	9/8/2025 8:38:33 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\08Sep25\1.D		

AB

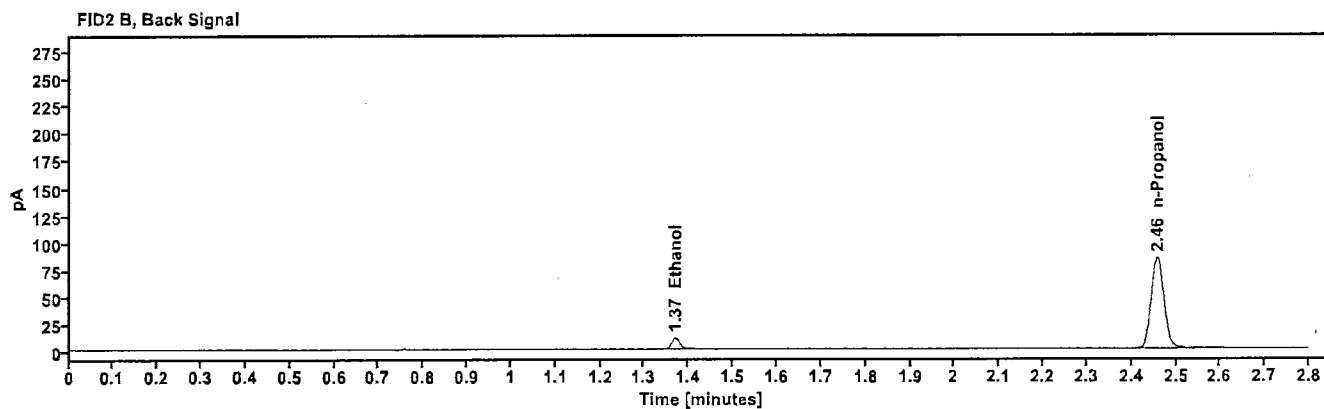
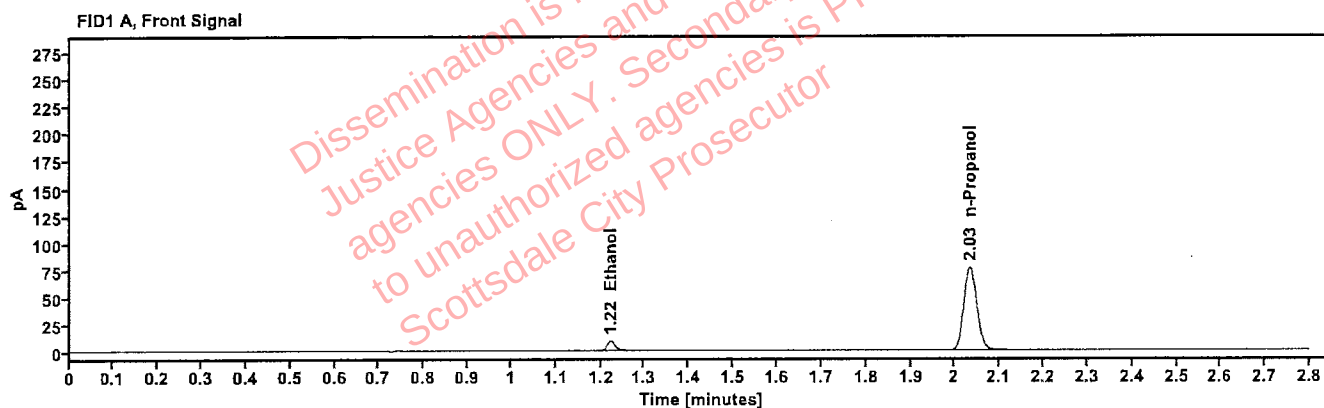


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.222	11.529
n-Propanol	2.034	153.399

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

Compound	Time (min)	Peak Area
Ethanol	1.370	12.570
n-Propanol	2.458	166.898

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03072301	Vial:	2
Description:	0.100 calibrator	Sequence:	08Sep25
Method:	ethanol quant.M	Injection date:	9/8/2025 8:42:33 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\08Sep25\2.D		

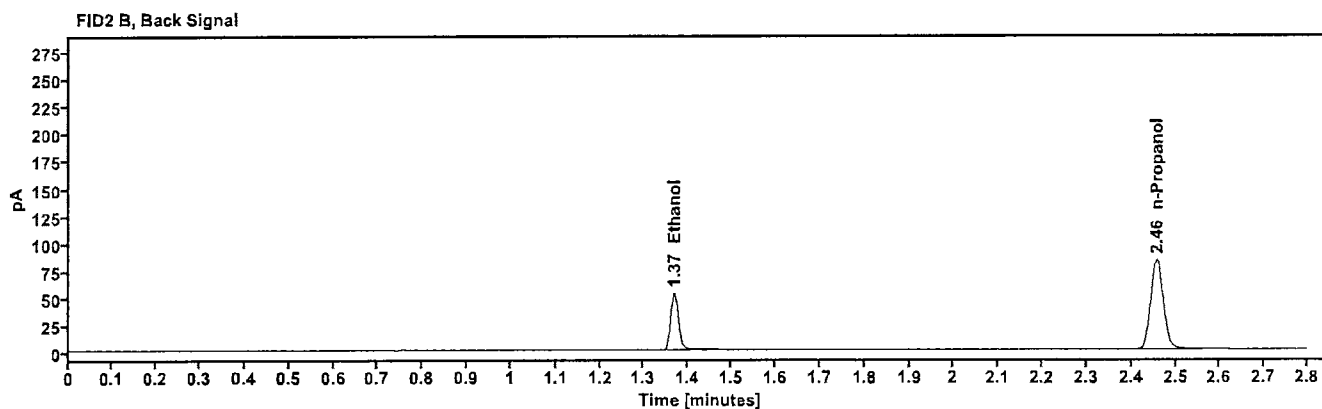
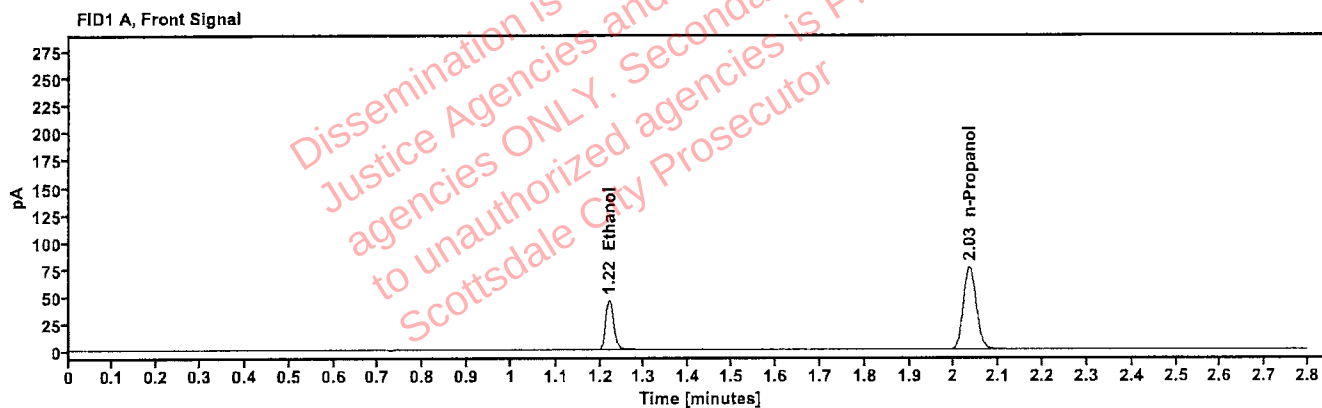


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.220	57.916
n-Propanol	2.034	151.578

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

Compound	Time (min)	Peak Area
Ethanol	1.368	63.382
n-Propanol	2.458	164.573

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03132302	Vial:	3
Description:	0.200 calibrator	Sequence:	08Sep25
Method:	ethanol quant.M	Injection date:	9/8/2025 8:46:32 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\08Sep25\3.D		

18

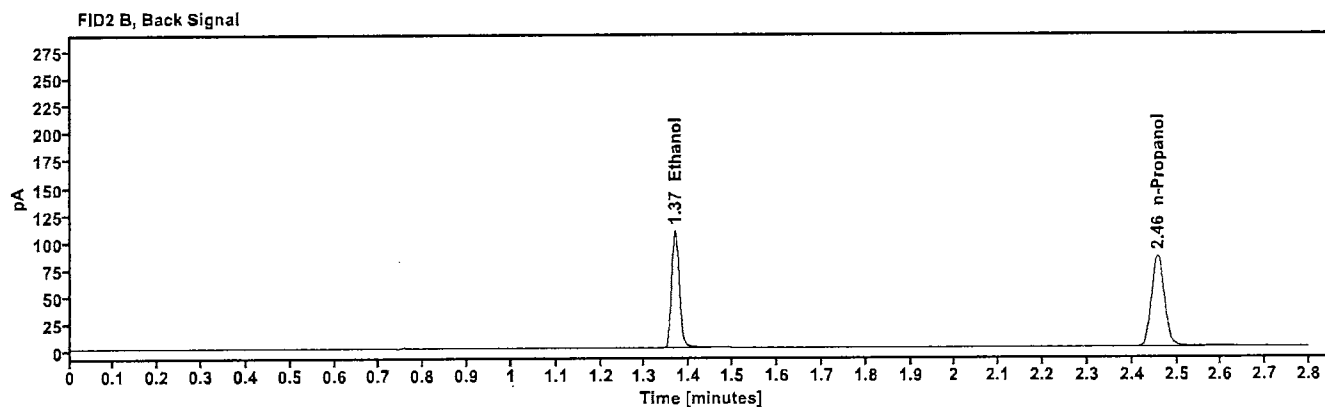
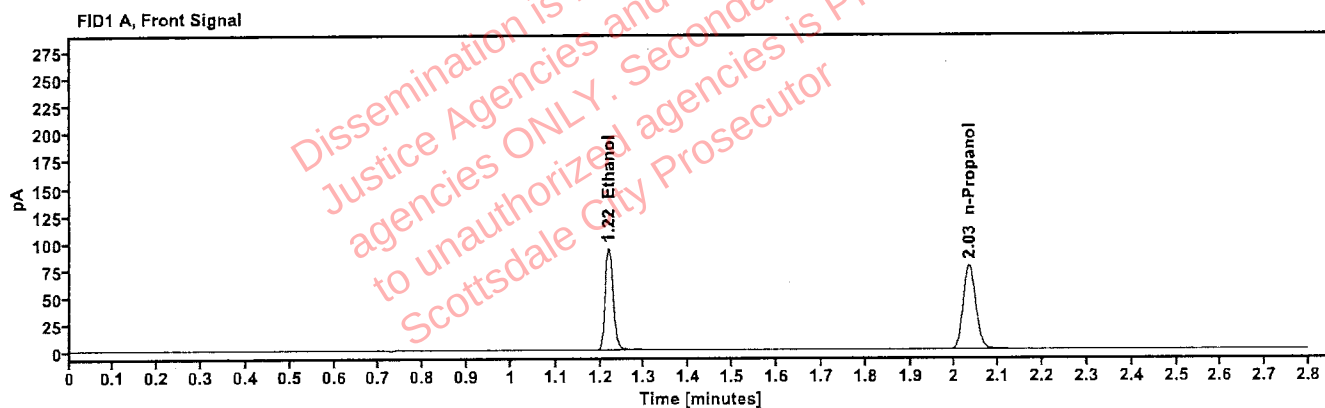


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.219	118.717
n-Propanol	2.033	154.339

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

Compound	Time (min)	Peak Area
Ethanol	1.368	130.095
n-Propanol	2.457	167.262

Scottsdale Police Department Crime Lab Volatiles Analysis

18

Sample:	FN03052102	Vial:	4
Description:	0.400 calibrator	Sequence:	08Sep25
Method:	ethanol quant.M	Injection date:	9/8/2025 8:50:32 PM
Instrument:	US14173023 CN14160045	Analyst:	Brooke
Data file:	C:\Chem32\1\Data\08Sep25\4.D		

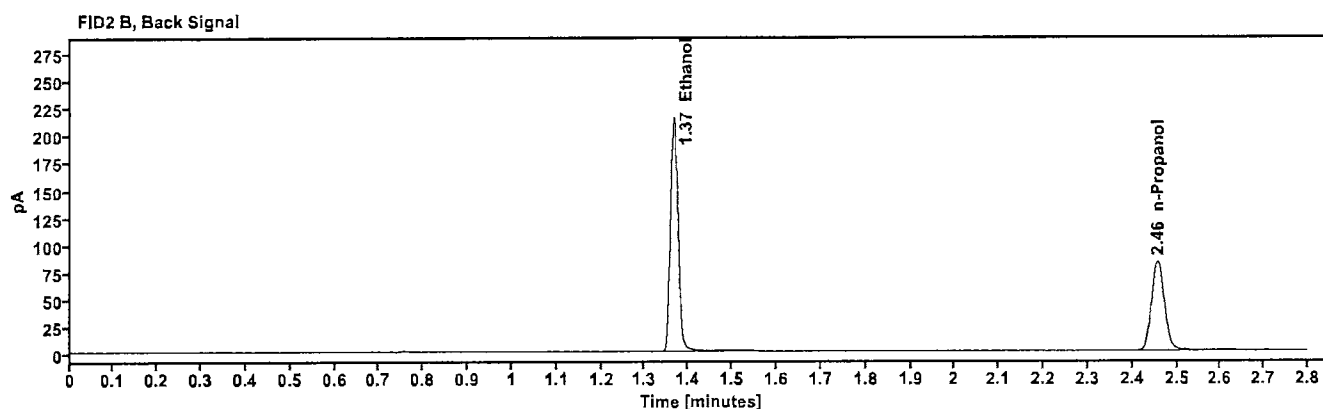
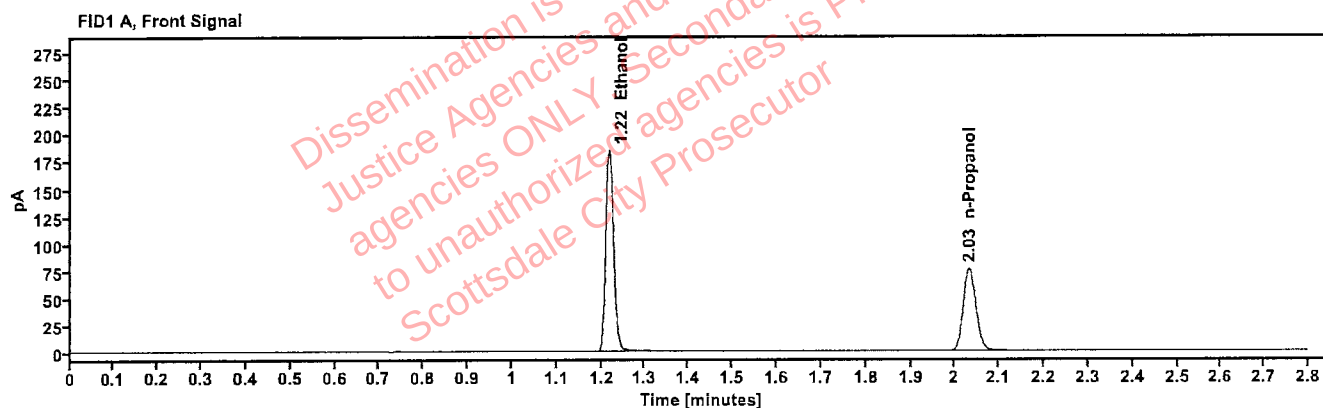


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.218	235.088
n-Propanol	2.033	151.531

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

Compound	Time (min)	Peak Area
Ethanol	1.367	259.120
n-Propanol	2.457	164.403

Scottsdale Police Department Crime Lab Volatiles Analysis

498

Sample:	111224WB	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 8:54:32 PM
Data file:	C:\Chem32\1\Data\08Sep25\5.D	Analyst:	Brooke

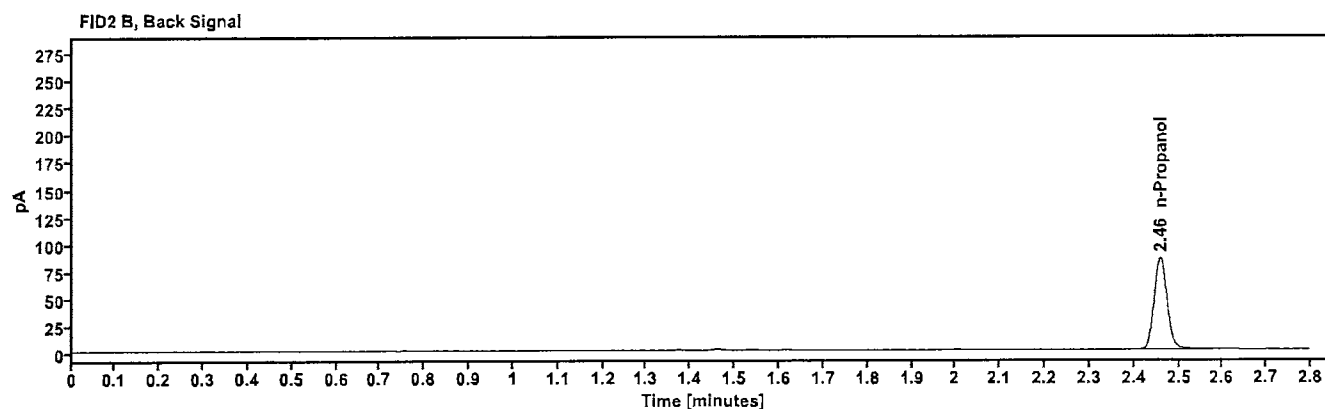
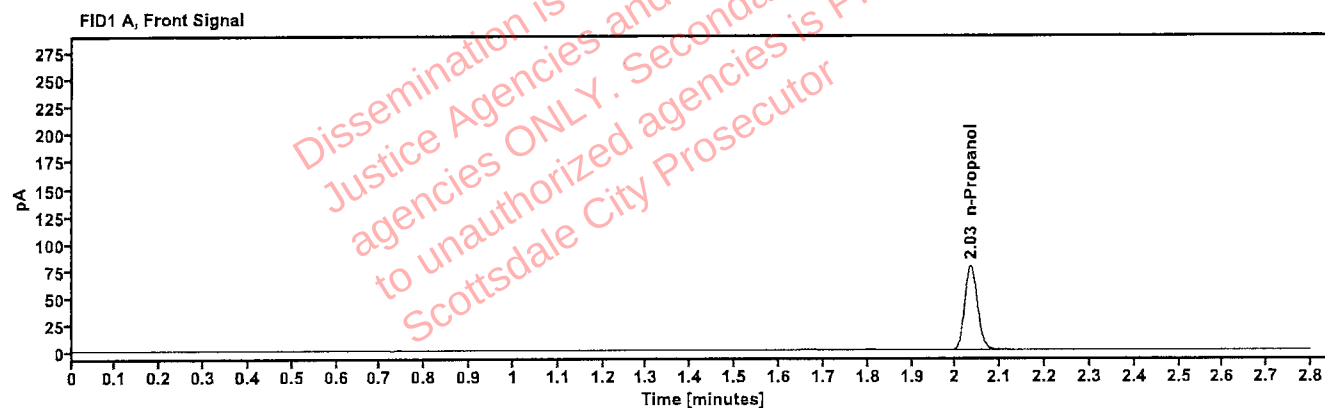


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.034	155.404

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

Compound	Time (min)	Peak Area
n-Propanol	2.459	168.571

Scottsdale Police Department Crime Lab Volatiles Analysis

18

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 8:58:33 PM
Data file:	C:\Chem32\1\Data\08Sep25\6.D	Analyst:	Brooke

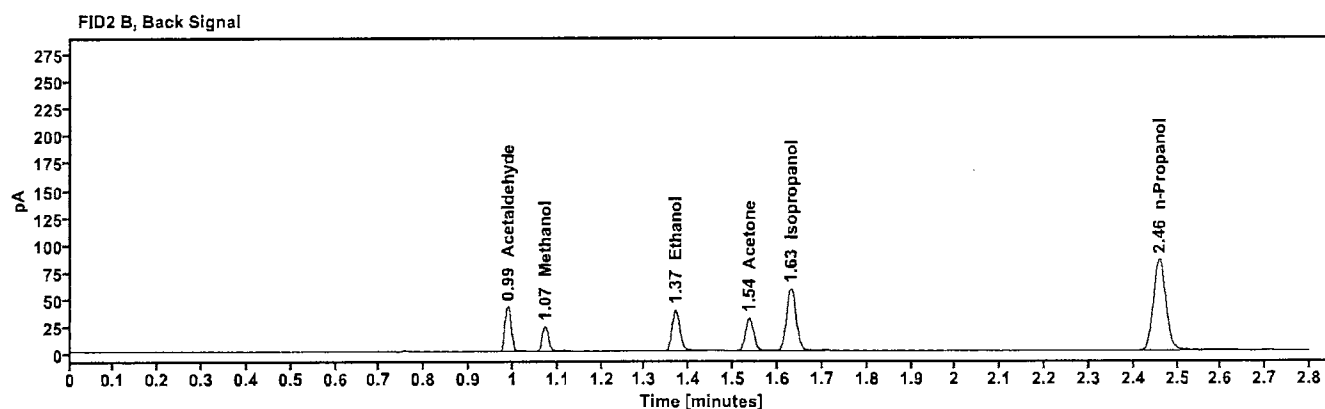
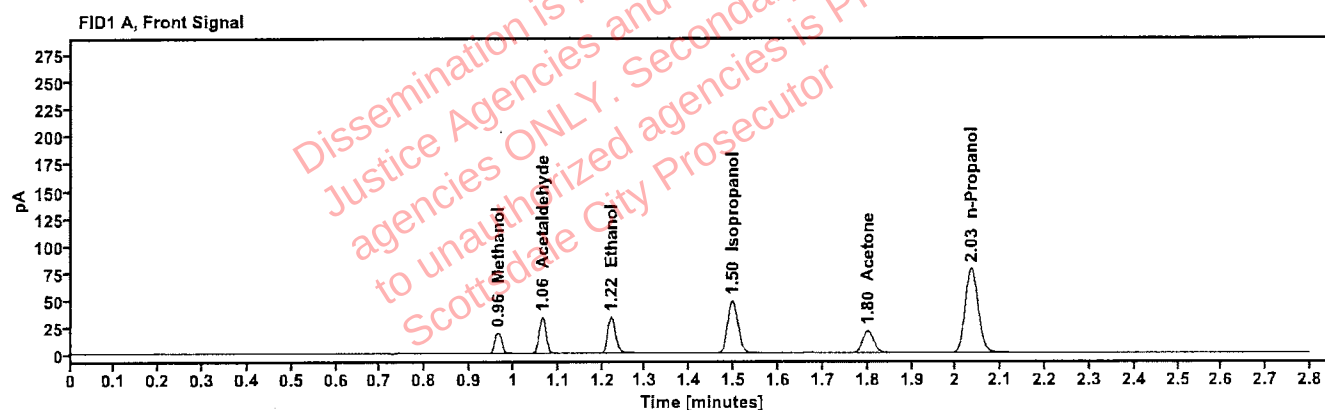


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.965	21.703
Acetaldehyde	-----	1.064	36.534
>Ethanol	0.0716	1.221	42.345
Isopropanol	-----	1.497	77.125
Acetone	-----	1.800	35.609
n-Propanol	-----	2.034	154.962

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.989	40.954
Methanol	1.071	24.142
Ethanol	1.369	46.694
Acetone	1.535	39.365
Isopropanol	1.630	85.140
n-Propanol	2.458	167.930

Scottsdale Police Department Crime Lab Volatiles Analysis

7B

Sample:	12052023-B	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 9:02:47 PM
Data file:	C:\Chem32\1\Data\08Sep25\7.D	Analyst:	Brooke

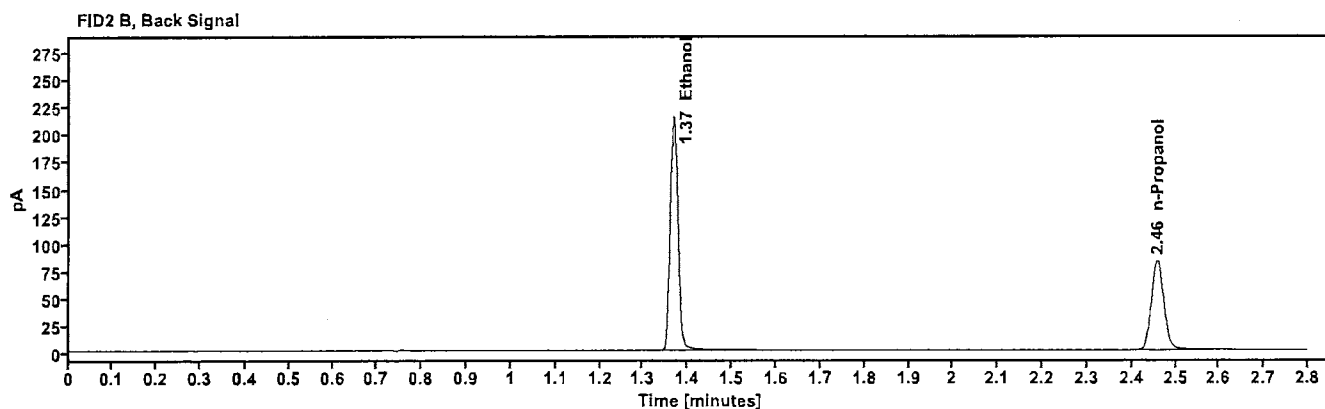
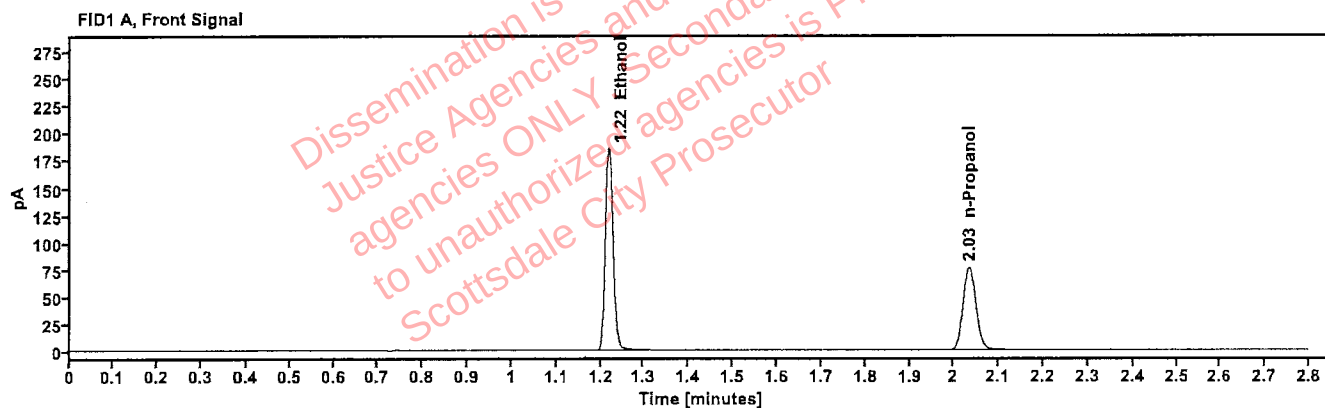


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4006	1.219	236.682
n-Propanol	---	2.034	152.490

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

Compound	Time (min)	Peak Area
Ethanol	1.368	260.871
n-Propanol	2.458	165.204

Scottsdale Police Department Crime Lab Volatiles Analysis

78

Sample:	518018	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 9:06:47 PM
Data file:	C:\Chem32\1\Data\08Sep25\8.D	Analyst:	Brooke

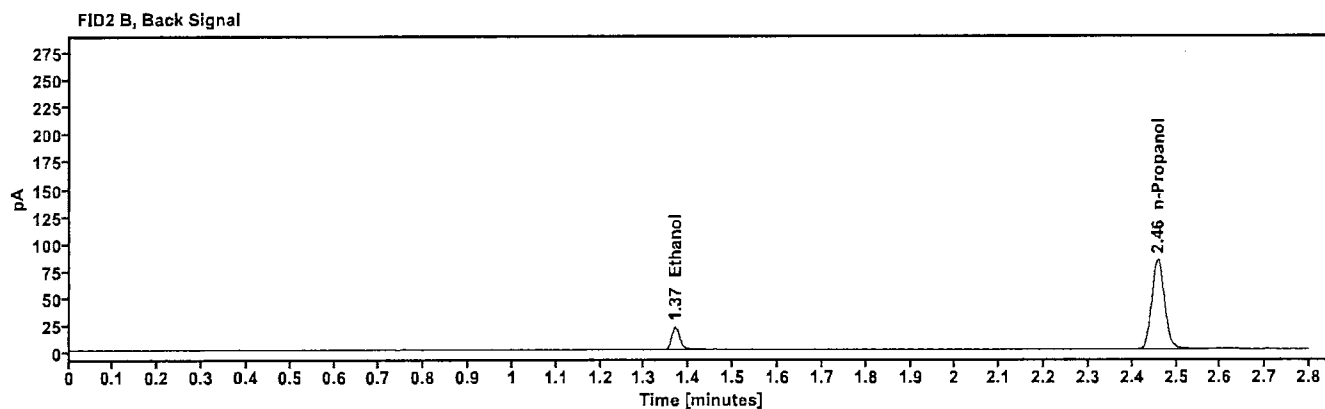
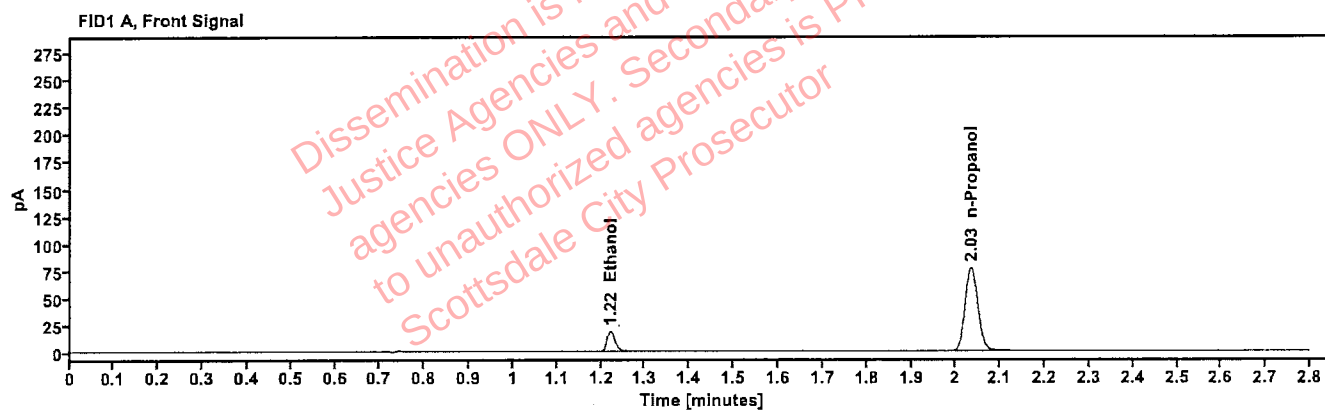


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0409	1.221	23.630
n-Propanol	-----	2.034	153.733

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

Compound	Time (min)	Peak Area
Ethanol	1.369	25.723
n-Propanol	2.458	166.383

Scottsdale Police Department Crime Lab Volatiles Analysis

Handwritten initials

Sample:	4130622206/10	Vial:	9
Description:	0.203	LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 9:10:48 PM
Data file:	C:\Chem32\1\Data\08Sep25\9.D	Analyst:	Brooke

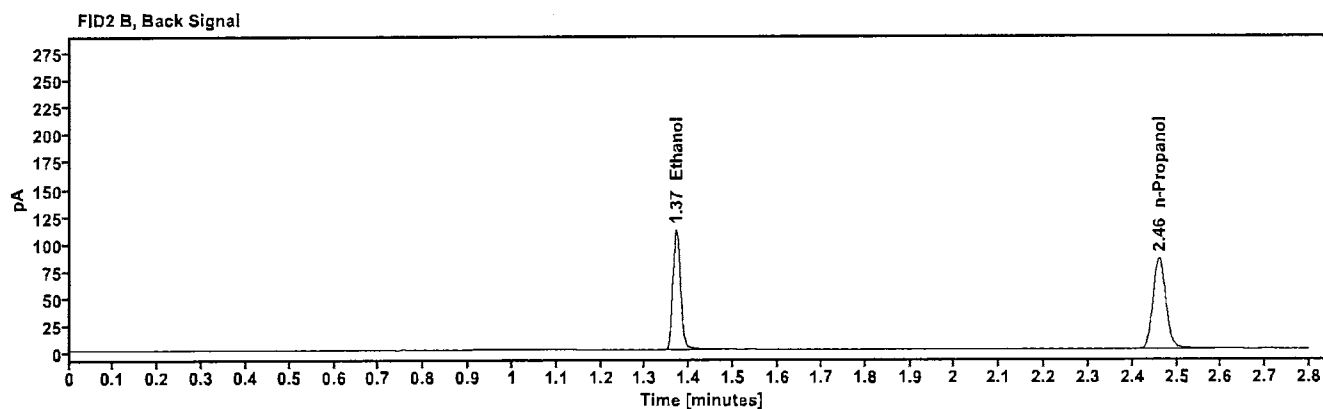
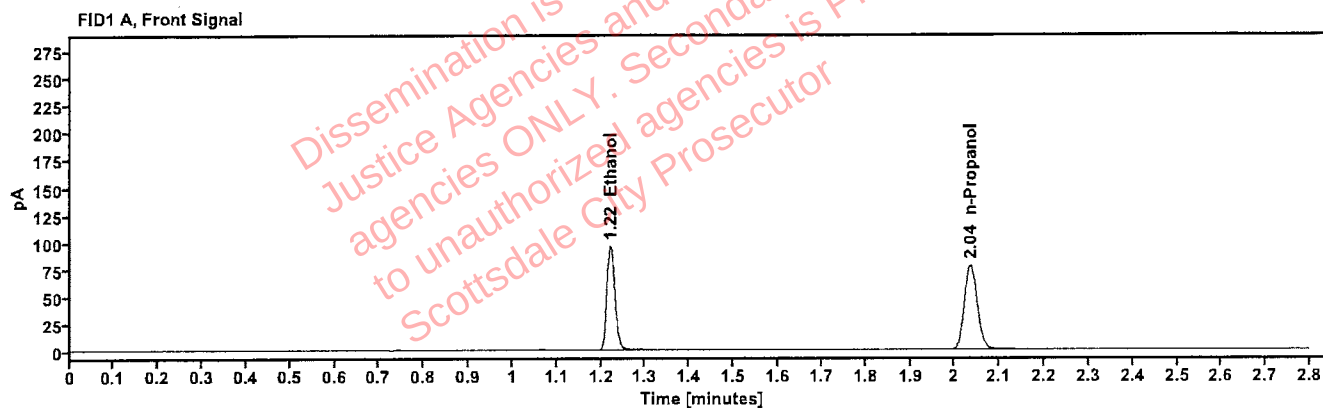


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2031	1.221	121.660
n-Propanol	-----	2.035	155.091

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

Compound	Time (min)	Peak Area
Ethanol	1.370	133.009
n-Propanol	2.460	168.220

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	C1455120	Vial:	20
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 9:55:17 PM
Data file:	C:\Chem32\1\Data\08Sep25\20.D	Analyst:	Brooke

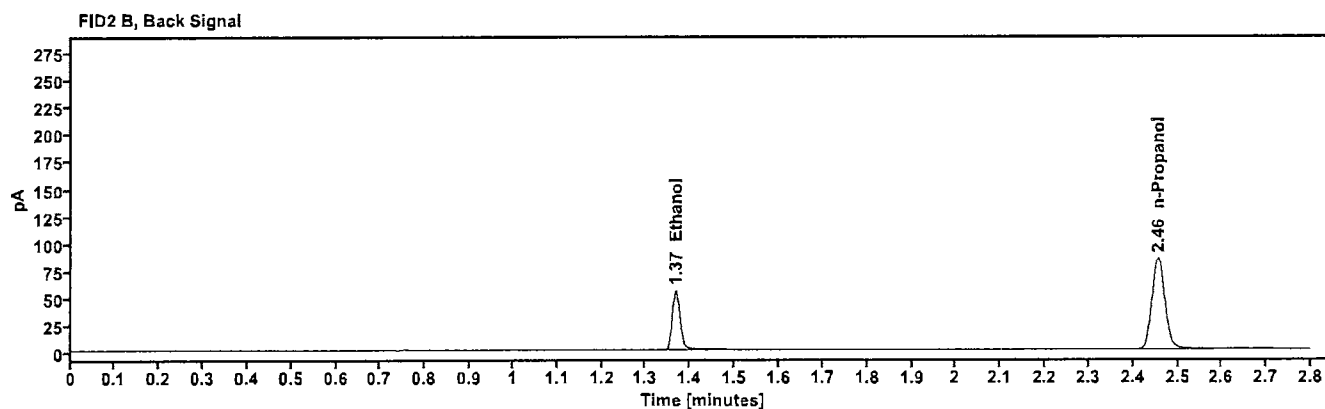
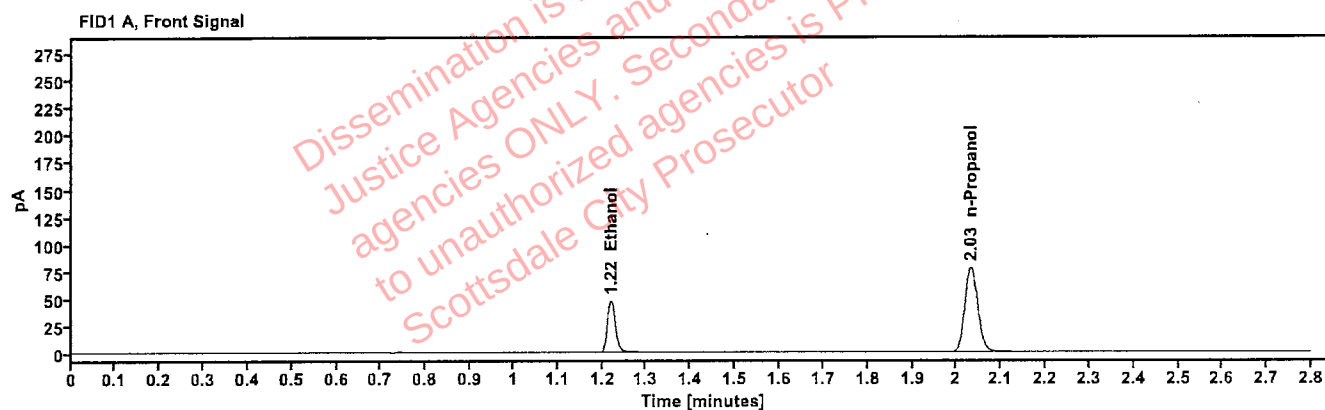


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1014	1.219	60.680
n-Propanol	-----	2.032	155.958

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

Compound	Time (min)	Peak Area
Ethanol	1.368	66.139
n-Propanol	2.456	168.835

Scottsdale Police Department Crime Lab Volatiles Analysis

AB

Sample:	C1455120	Vial:	31
Description:	0.100	LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 10:39:47 PM
Data file:	C:\Chem32\1\Data\08Sep25\31.D	Analyst:	Brooke

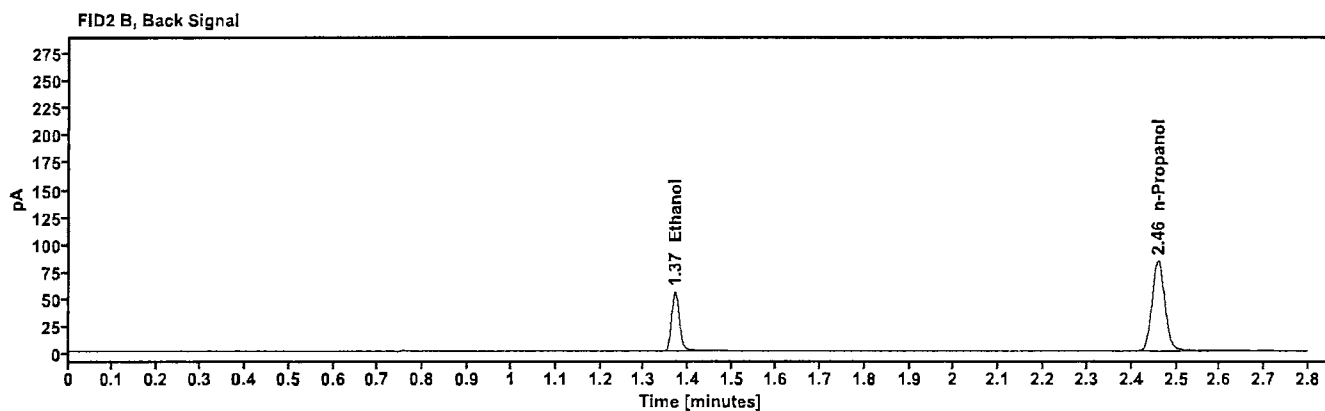
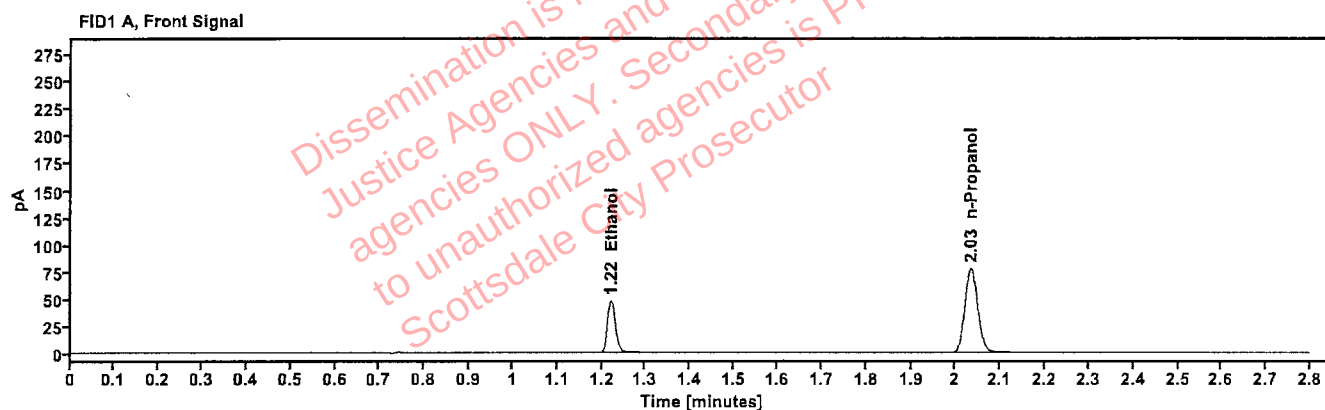


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1023	1.221	60.922
n-Propanol	-----	2.034	155.180

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

Compound	Time (min)	Peak Area
Ethanol	1.369	66.277
n-Propanol	2.459	167.977

Scottsdale Police Department Crime Lab Volatiles Analysis

JB

Sample:	12052023-B	Vial:	42
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 11:24:03 PM
Data file:	C:\Chem32\1\Data\08Sep25\42.D	Analyst:	Brooke

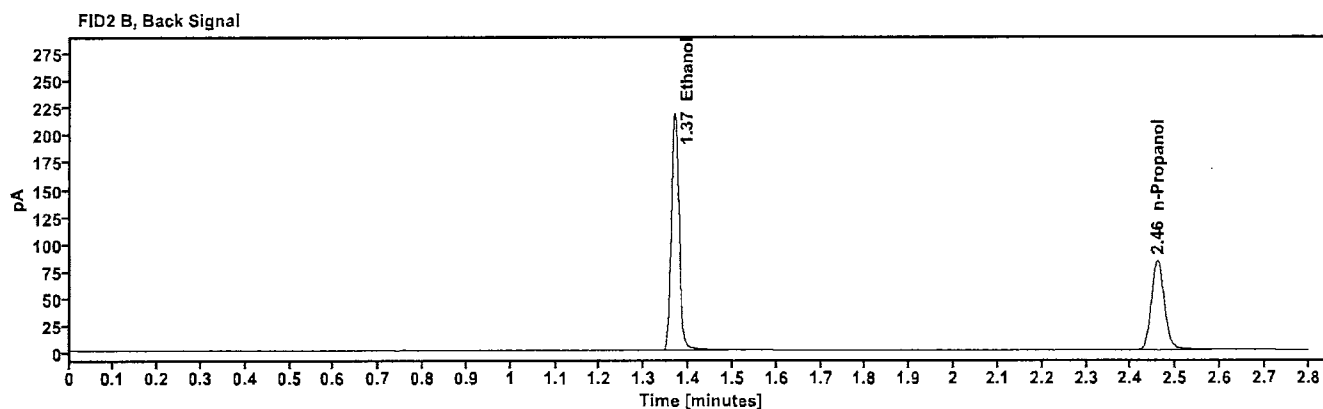
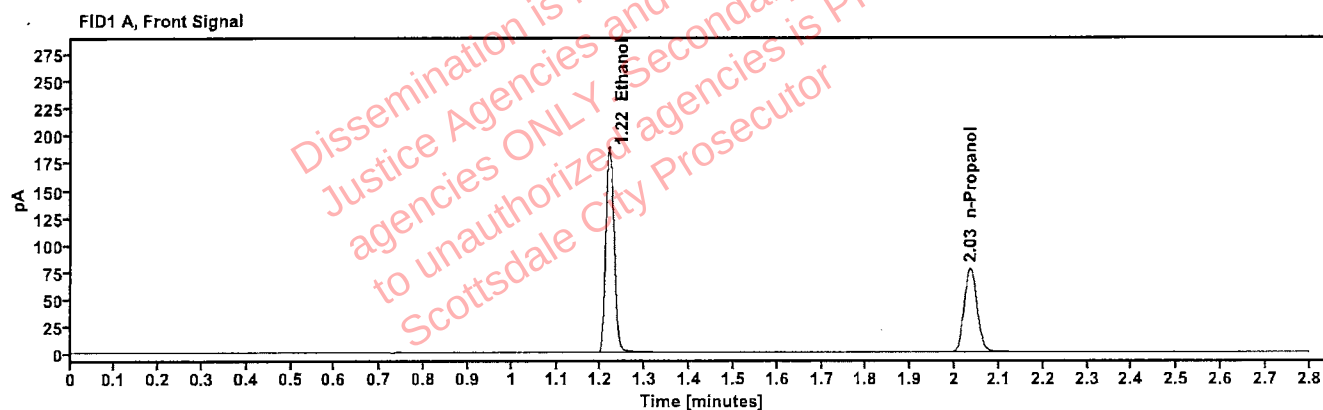


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4018	1.219	240.675
n-Propanol	-----	2.034	154.608

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

Compound	Time (min)	Peak Area
Ethanol	1.368	264.997
n-Propanol	2.459	167.204

Scottsdale Police Department Crime Lab Volatiles Analysis

JP

Sample:	518018	Vial:	43
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 11:28:17 PM
Data file:	C:\Chem32\1\Data\08Sep25\43.D	Analyst:	Brooke

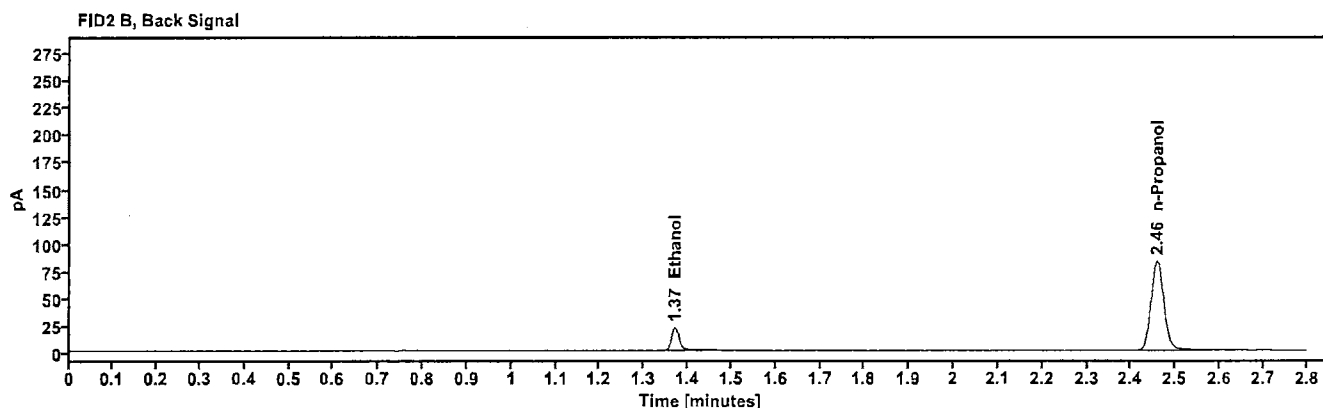
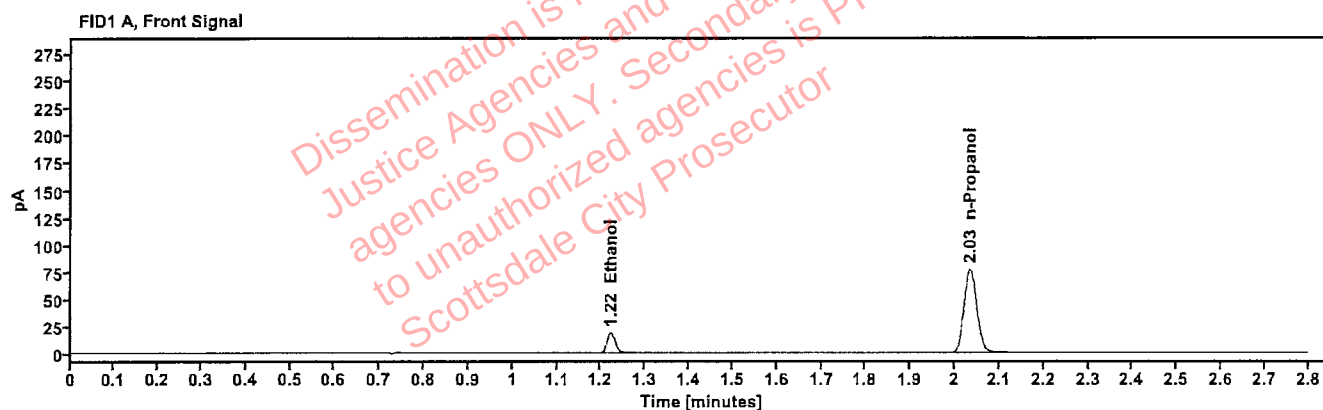


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0411	1.222	23.745
n-Propanol	-----	2.034	153.768

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

Compound	Time (min)	Peak Area
Ethanol	1.370	25.772
n-Propanol	2.458	166.317

Scottsdale Police Department Crime Lab Volatiles Analysis

YB

Sample:	4130622206/10	Vial:	44
Description:	0.203	LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 11:32:18 PM
Data file:	C:\Chem32\1\Data\08Sep25\44.D	Analyst:	Brooke

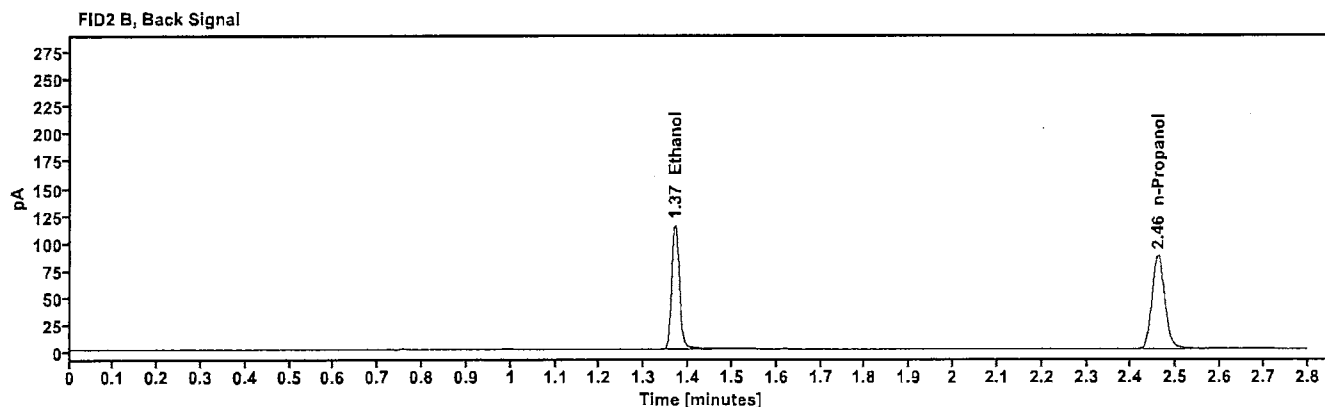
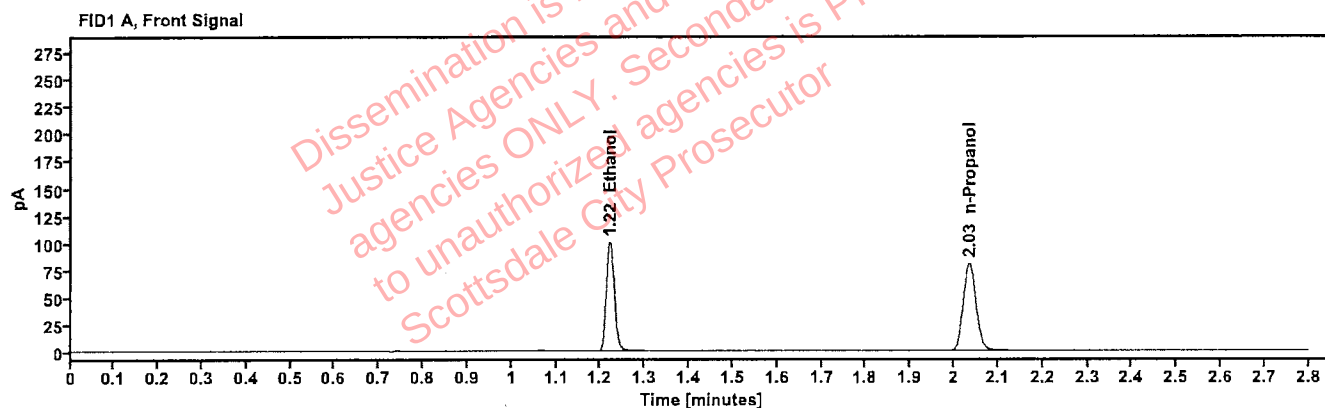


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2050	1.221	127.192
n-Propanol	-----	2.035	160.672

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

Compound	Time (min)	Peak Area
Ethanol	1.370	138.952
n-Propanol	2.460	173.796

Scottsdale Police Department Crime Lab Volatiles Analysis

18

Sample:	060925AQ	Vial:	45
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 11:36:17 PM
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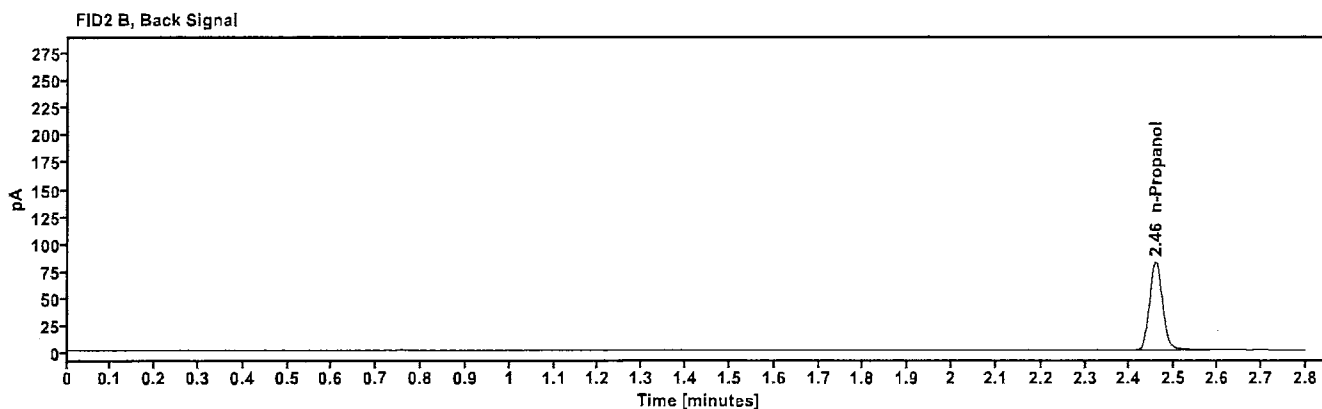
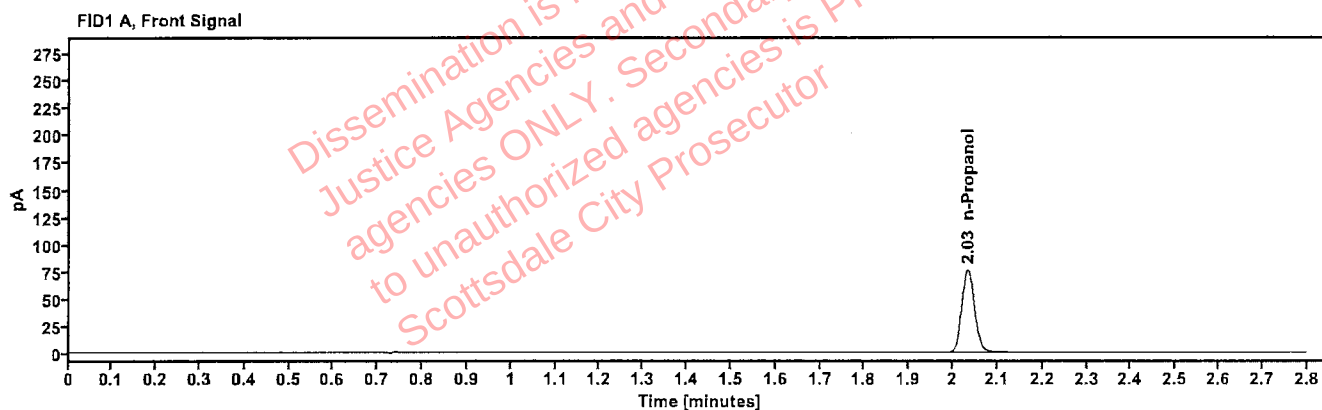


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	—	2.034	151.601

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

Compound	Time (min)	Peak Area
n-Propanol	2.458	164.249

Sequence Summary

Page 1 of 1

Sequence name: 08Sep25 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	2505701-4				ethanol quant.M
11	2505701-4				ethanol quant.M
12	2516263-3				ethanol quant.M
13	2516263-3				ethanol quant.M
14	2515467-1				ethanol quant.M
15	2515467-1				ethanol quant.M
16	2516831-2				ethanol quant.M
17	2516831-2				ethanol quant.M
18	2516822-2				ethanol quant.M
19	2516822-2				ethanol quant.M
20	C1455120	0.100	Control		ethanol quant.M
21	2516745-2				ethanol quant.M
22	2516745-2				ethanol quant.M
23	2516717-2				ethanol quant.M
24	2516717-2				ethanol quant.M
25	2516456-1				ethanol quant.M
26	2516456-1				ethanol quant.M
27	2516906-1				ethanol quant.M
28	2516906-1				ethanol quant.M
29	2517018-1				ethanol quant.M
30	2517018-1				ethanol quant.M
31	C1455120	0.100	Control		ethanol quant.M
32	2517029-1				ethanol quant.M
33	2517029-1				ethanol quant.M
34	2517019-1				ethanol quant.M
35	2517019-1				ethanol quant.M
36	2517034-2				ethanol quant.M
37	2517034-2				ethanol quant.M
38	2517167-2				ethanol quant.M
39	2517167-2				ethanol quant.M
40	401-1K.L.				ethanol quant.M
41	401-1K.L.				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

JB

SEQUENCE NAME: 08Sep25

ANALYST: Brooke

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.3104	0.3089	0.30965	0.24	0.00075
12 13	0.1838	0.1844	0.18410	0.16	0.00030
14 15	0.1343	0.1342	0.13425	0.04	0.00005
16 17	0.1303	0.1309	0.13060	0.23	0.00030
18 19	0.2609	0.2611	0.26100	0.04	0.00010
21 22	0.1842	0.1845	0.18435	0.08	0.00015
23 24	0.3313	0.3360	0.33365	0.70	0.00235
25 26	0.0991	0.0993	0.09920	0.10	0.00010
27 28	0.2701	0.2710	0.27055	0.17	0.00045
29 30	0.2043	0.2029	0.20360	0.34	0.00070
32 33	0.0957	0.0957	0.09570	0.00	0.00000
34 35	0.2067	0.2056	0.20615	0.27	0.00055
36 37	0.1154	0.1155	0.11545	0.04	0.00005
38 39	0.2813	0.2843	0.28280	0.53	0.00150
40 41	0.1502	0.1477	0.14895	0.84	0.00125

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505701-4	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 9:14:47 PM
Data file:	C:\Chem32\1\Data\08Sep25\10.D	Analyst:	Brooke

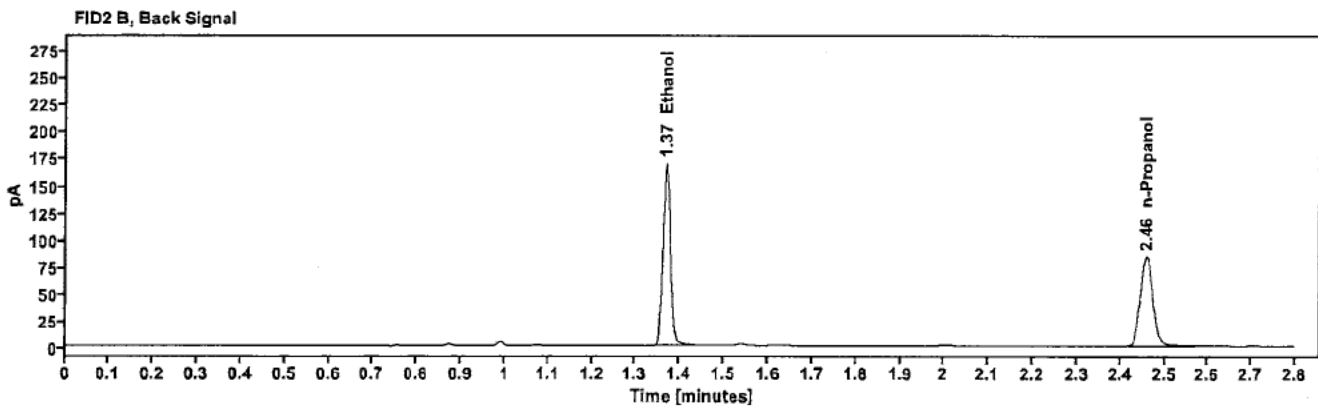
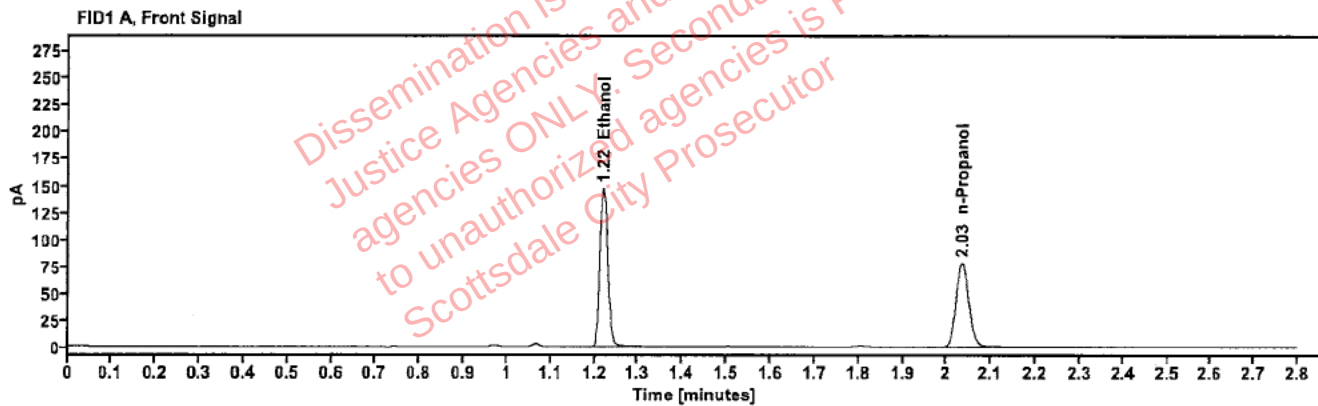


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3104	1.220	186.693
n-Propanol	-----	2.035	155.382

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

Compound	Time (min)	Peak Area
Ethanol	1.369	205.003
n-Propanol	2.459	168.058

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2505701-4	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 9:18:48 PM
Data file:	C:\Chem32\1\Data\08Sep25\11.D	Analyst:	Brooke

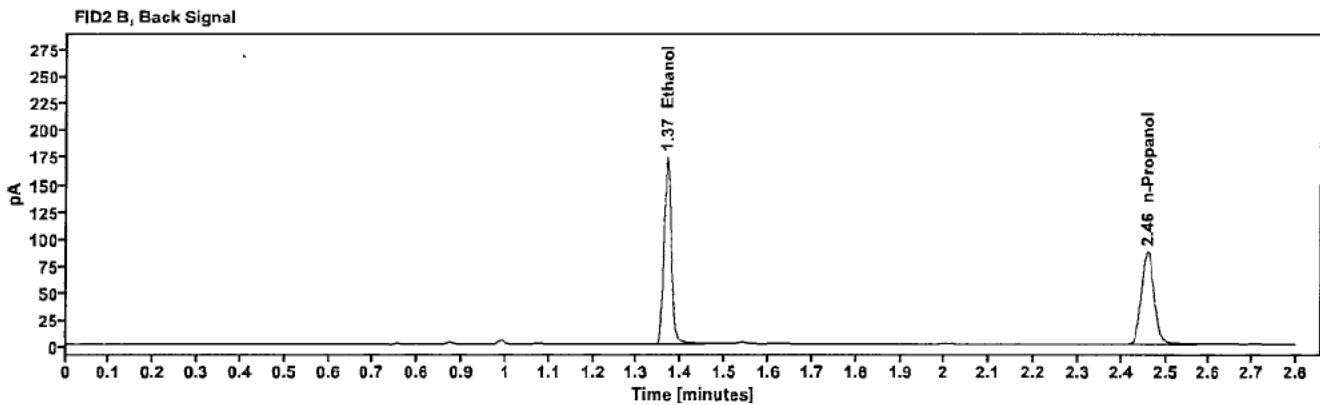
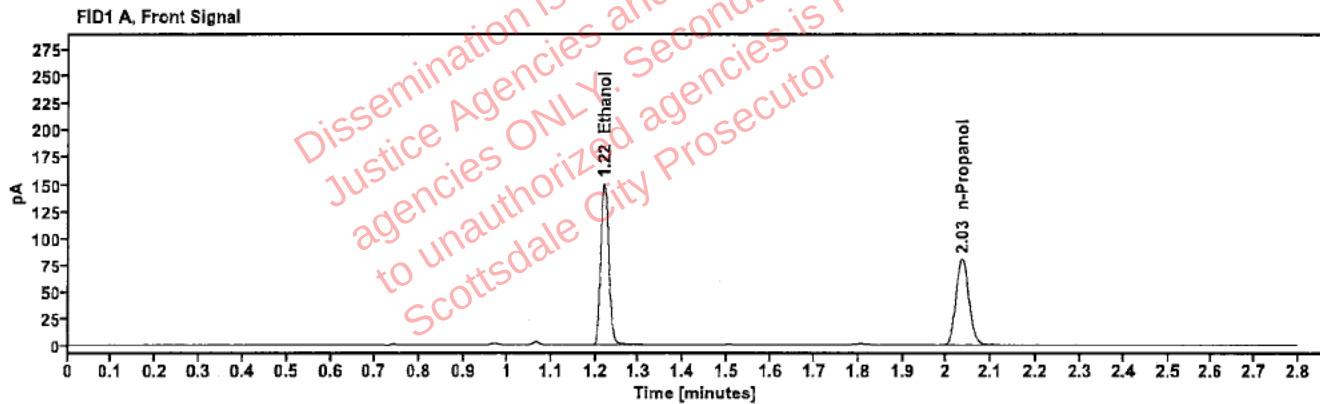


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3089	1.220	190.930
n-Propanol	-----	2.034	159.719

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

Compound	Time (min)	Peak Area
Ethanol	1.369	209.387
n-Propanol	2.459	172.841

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516263-3	Vial:	12
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 9:22:48 PM
Data file:	C:\Chem32\1\Data\08Sep25\12.D	Analyst:	Brooke

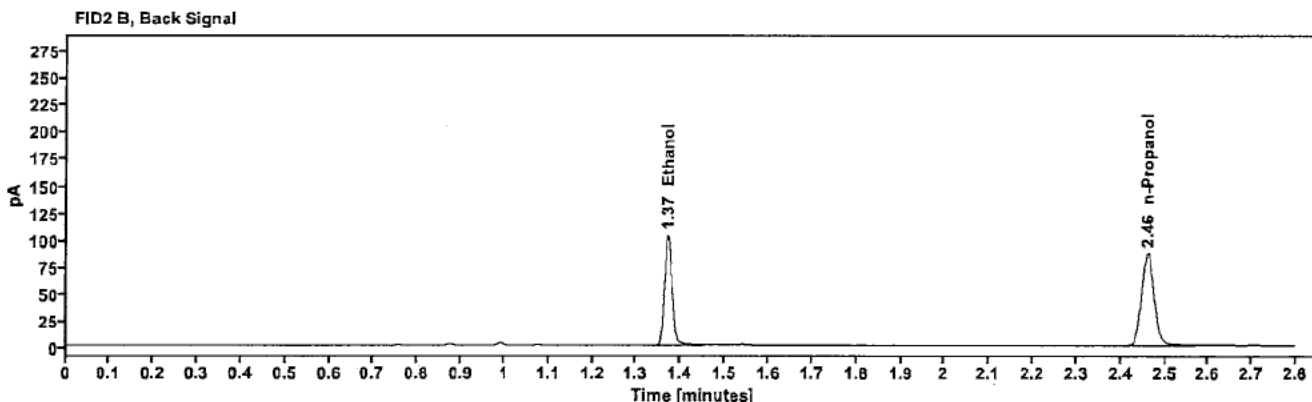
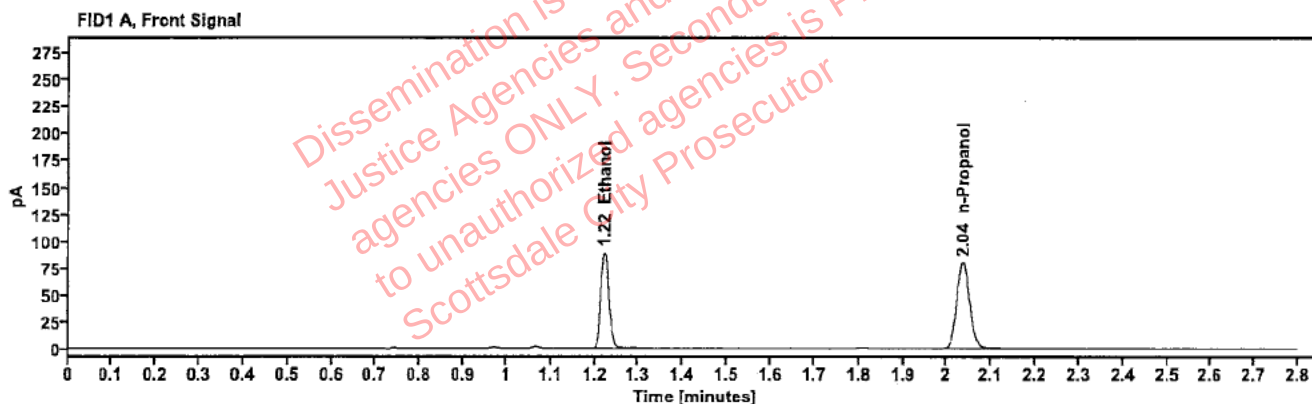


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1838	1.221	113.407
n-Propanol	-----	2.035	159.889

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

Compound	Time (min)	Peak Area
Ethanol	1.371	124.015
n-Propanol	2.461	172.549

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516263-3	Vial:	13
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 9:27:03 PM
Data file:	C:\Chem32\1\Data\08Sep25\13.D	Analyst:	Brooke

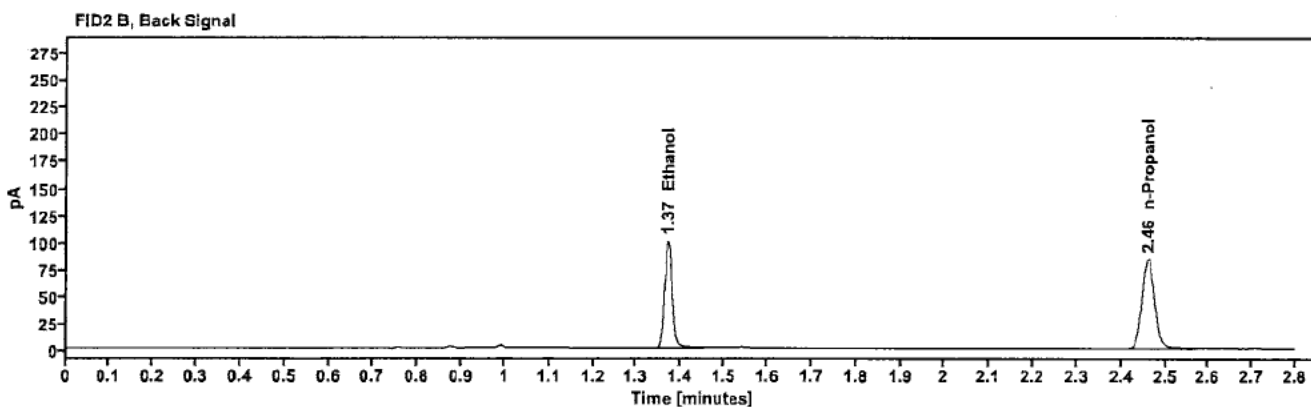
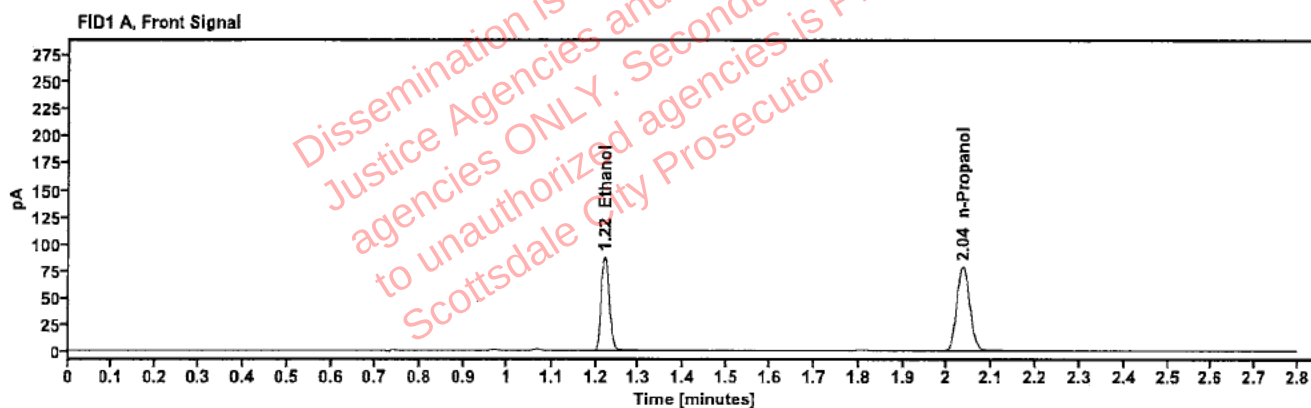


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1844	1.221	111.184
n-Propanol	—	2.035	156.247

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

Compound	Time (min)	Peak Area
Ethanol	1.370	121.491
n-Propanol	2.460	168.707

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515467-1	Vial:	14
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 9:31:02 PM
Data file:	C:\Chem32\1\Data\08Sep25\14.D	Analyst:	Brooke

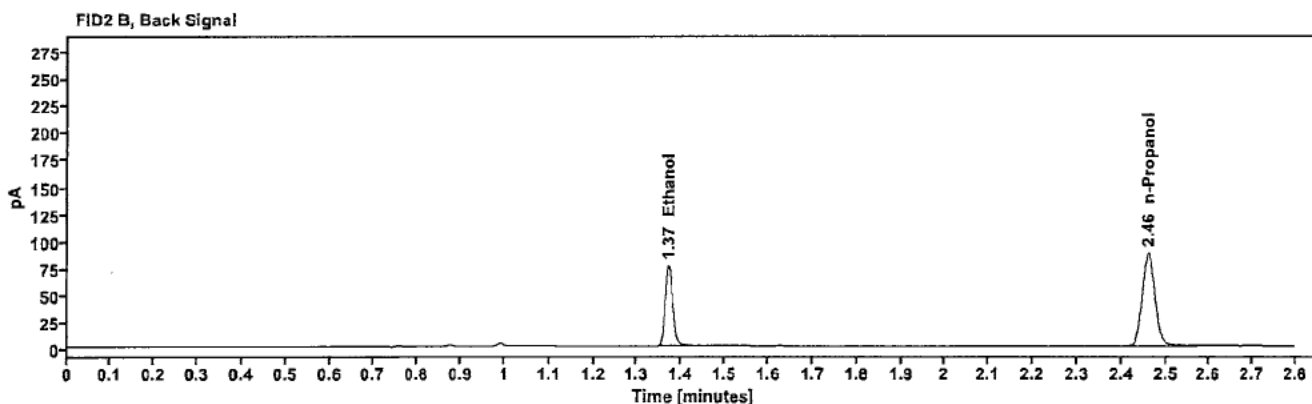
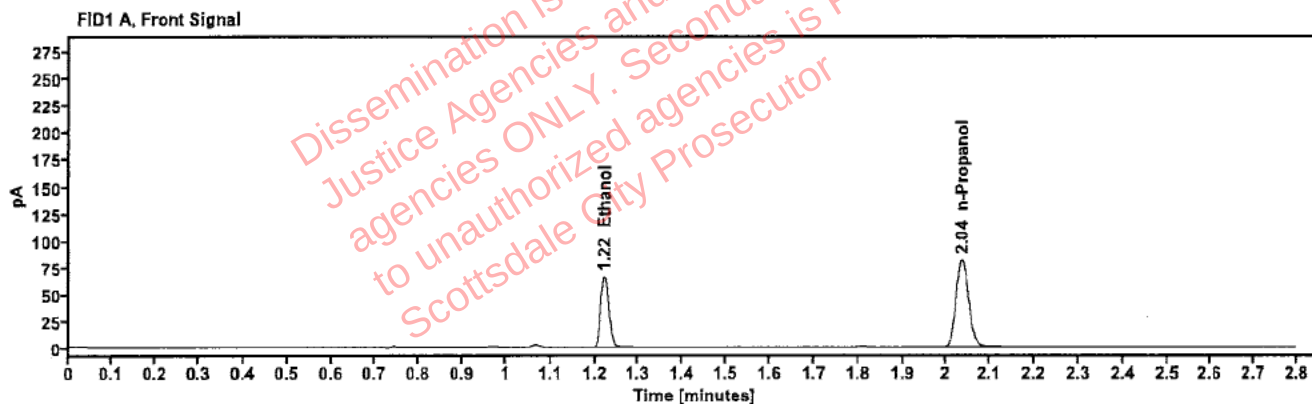


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1343	1.222	83.757
n-Propanol	---	2.035	162.116

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

Compound	Time (min)	Peak Area
Ethanol	1.371	91.335
n-Propanol	2.461	175.358

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2515467-1	Vial:	15
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 9:35:03 PM
Data file:	C:\Chem32\1\Data\08Sep25\15.D	Analyst:	Brooke

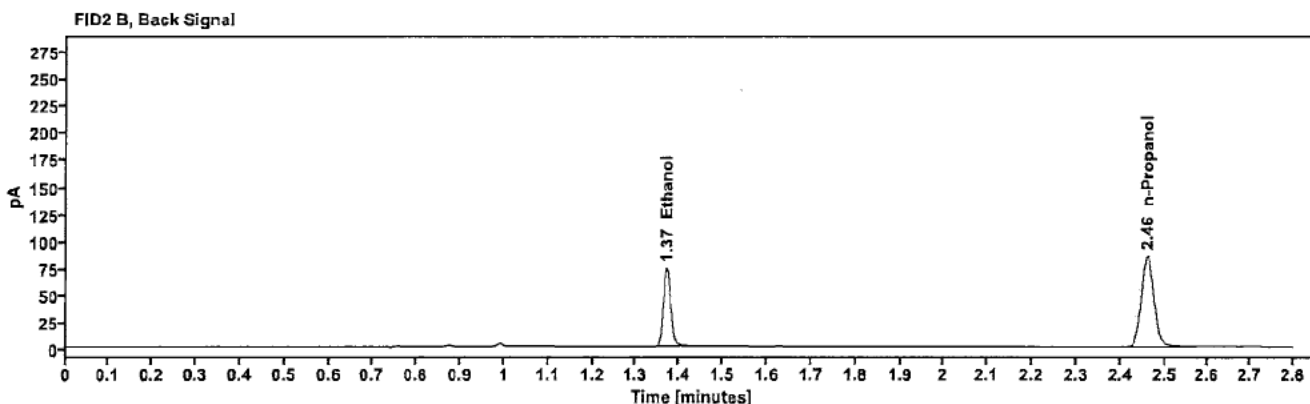
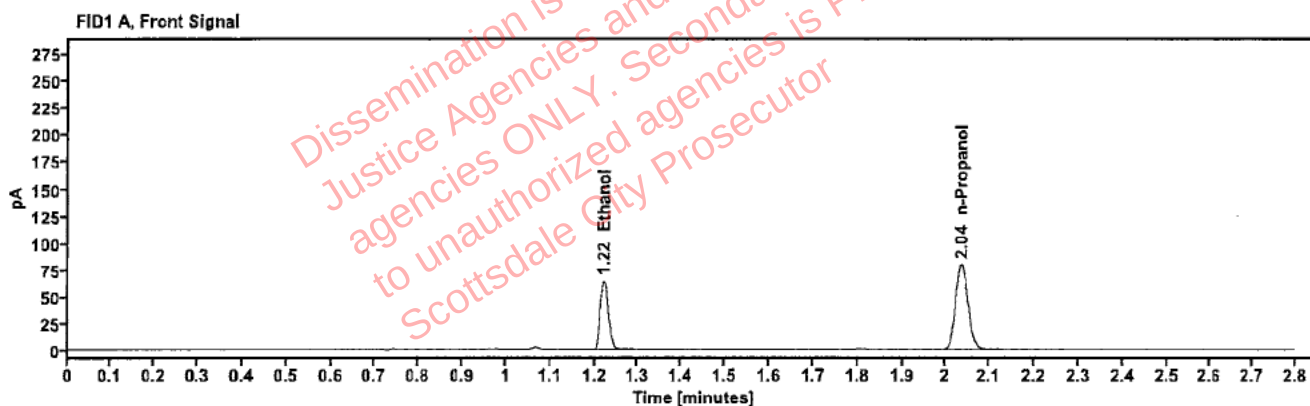


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1342	1.222	81.823
n-Propanol	—	2.036	158.395

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

Compound	Time (min)	Peak Area
Ethanol	1.371	88.978
n-Propanol	2.461	171.246

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516831-2	Vial:	16
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 9:39:02 PM
Data file:	C:\Chem32\1\Data\08Sep25\16.D	Analyst:	Brooke

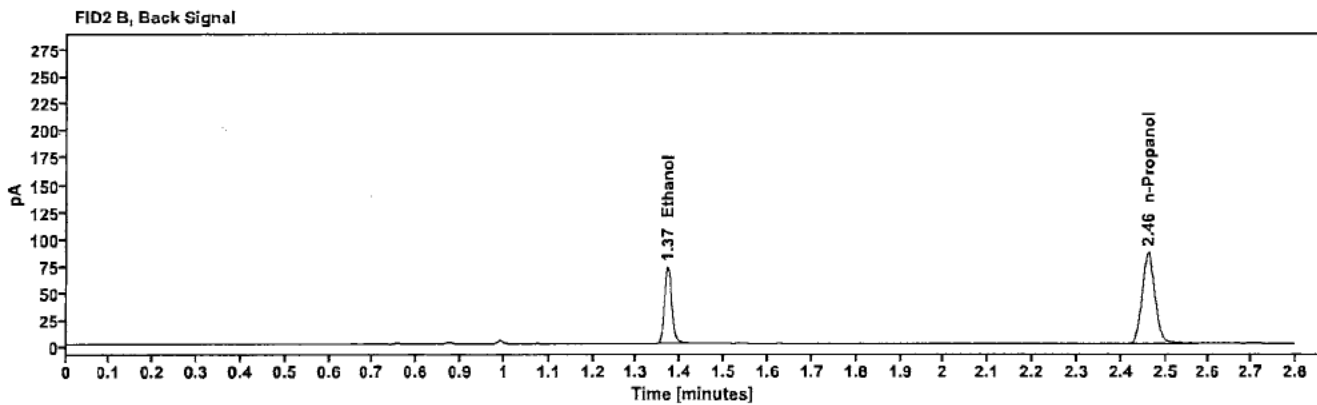
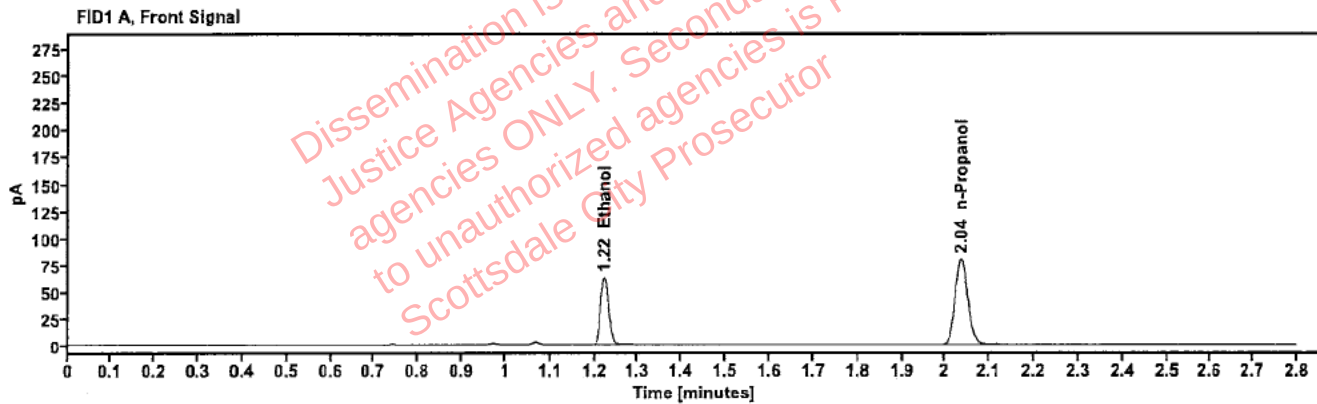


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1303	1.222	79.687
n-Propanol	-----	2.036	158.969

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

Compound	Time (min)	Peak Area
Ethanol	1.371	86.918
n-Propanol	2.461	171.719

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516831-2	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 9:43:03 PM
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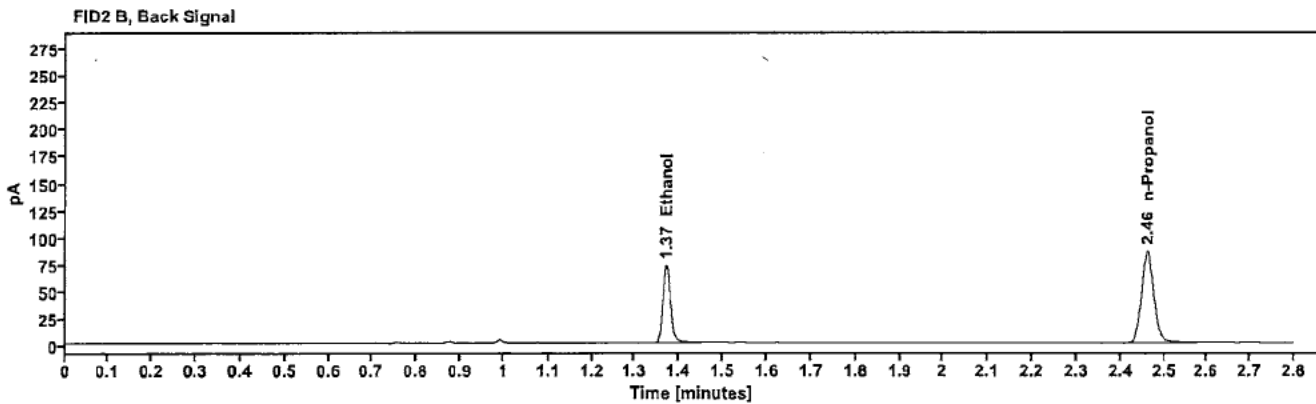
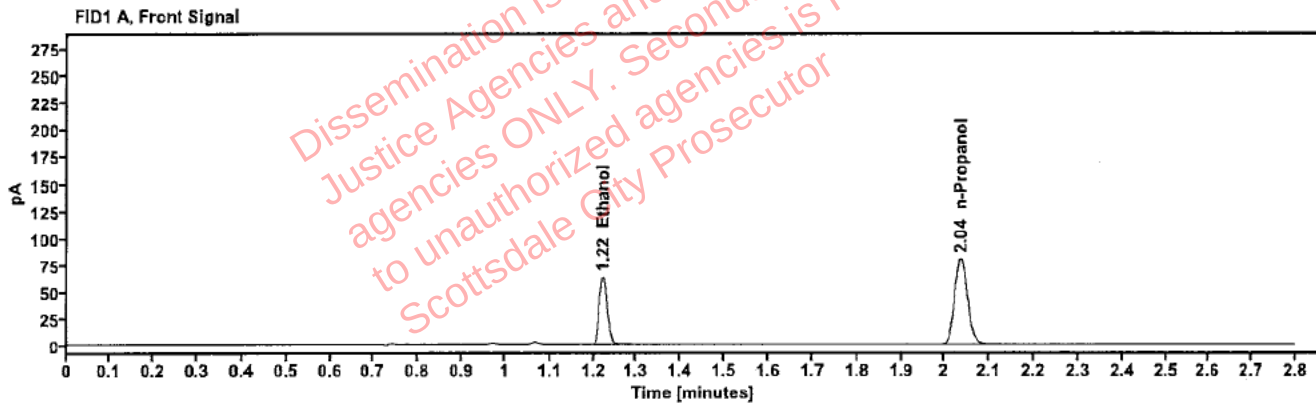


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1309	1.222	80.421
n-Propanol	—	2.036	159.694

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

Compound	Time (min)	Peak Area
Ethanol	1.371	87.694
n-Propanol	2.461	172.427

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516822-2	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 9:47:02 PM
Data file:	C:\Chem32\1\Data\08Sep25\18.D	Analyst:	Brooke

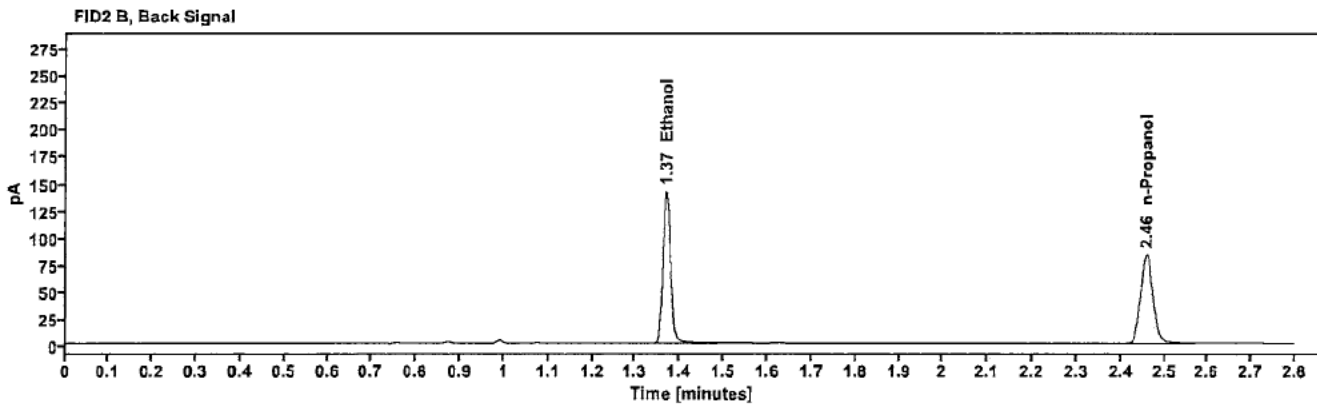
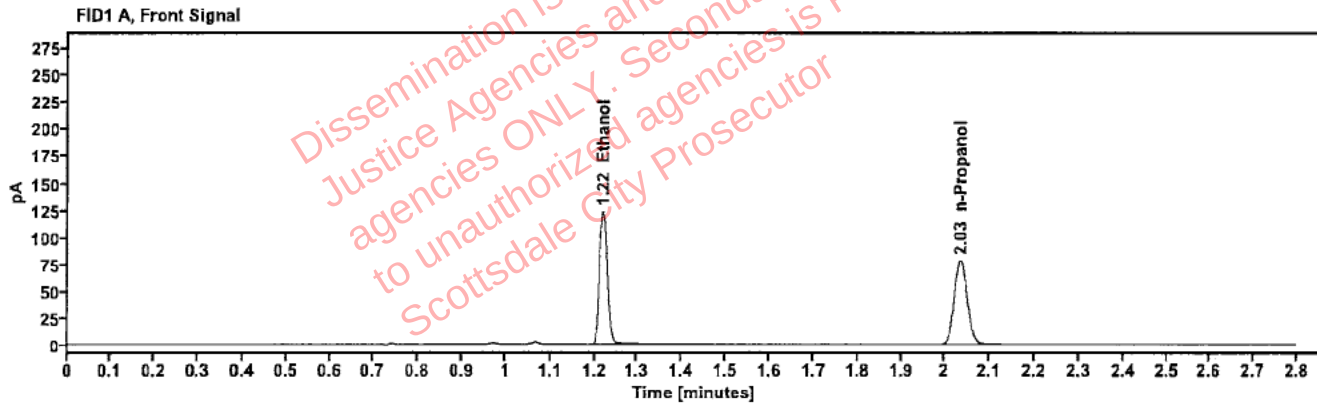


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2609	1.220	156.422
n-Propanol	-----	2.034	155.063

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

Compound	Time (min)	Peak Area
Ethanol	1.369	171.890
n-Propanol	2.458	167.344

: Brooke, Phillip - (09-Sep-2025)

Case: User: pbrooke 9/9/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516822-2	Vial:	19
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 9:51:17 PM
Data file:	C:\Chem32\1\Data\08Sep25\19.D	Analyst:	Brooke

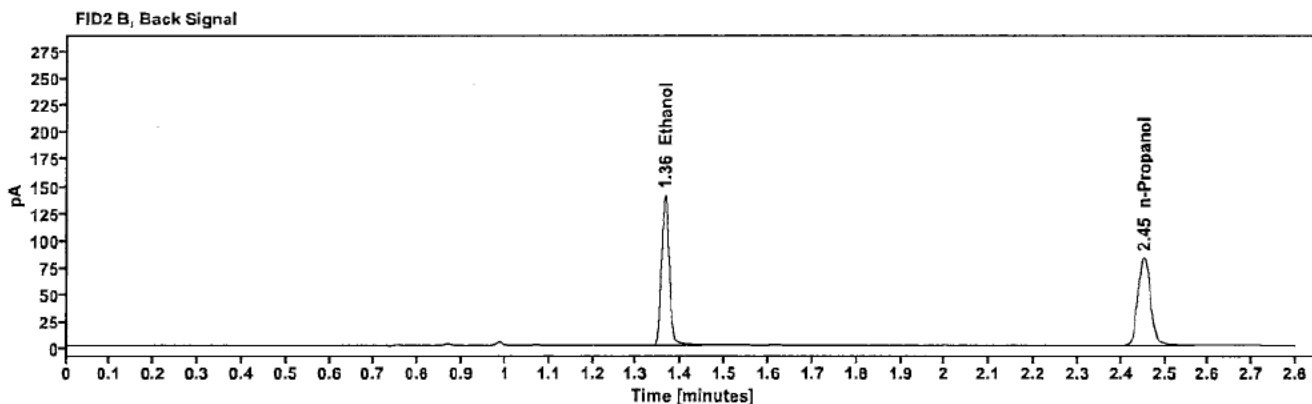
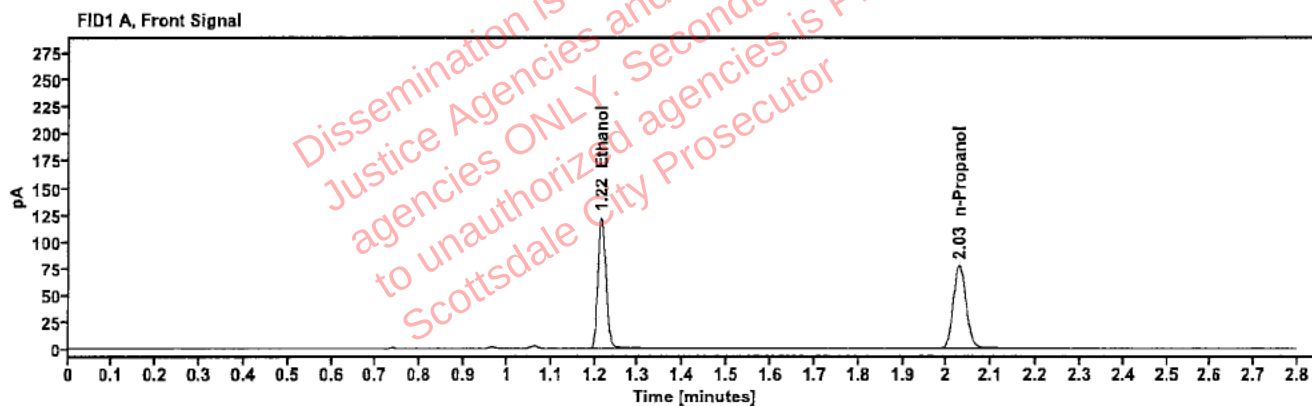


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2611	1.215	155.263
n-Propanol	-----	2.028	153.757

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

Compound	Time (min)	Peak Area
Ethanol	1.364	169.930
n-Propanol	2.452	165.795

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516745-2	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 9:59:18 PM
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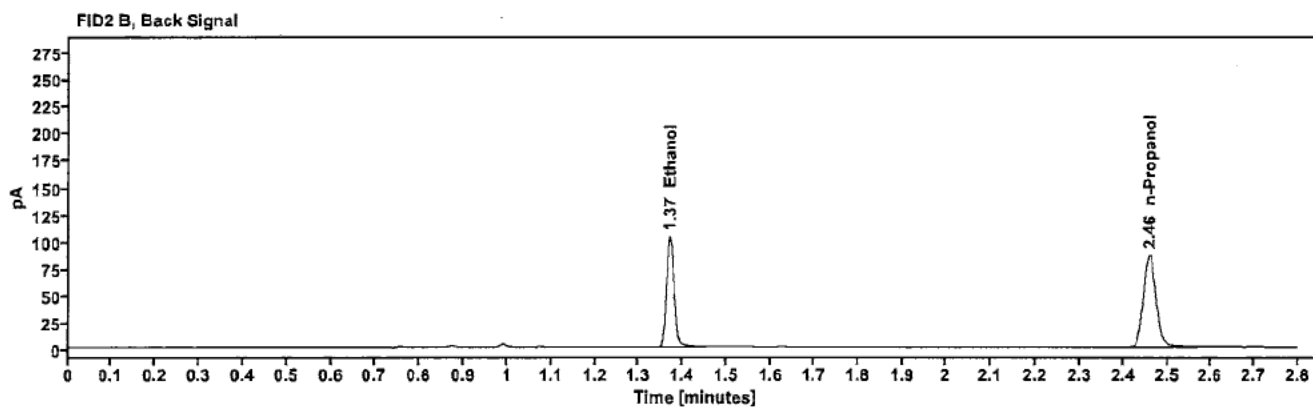
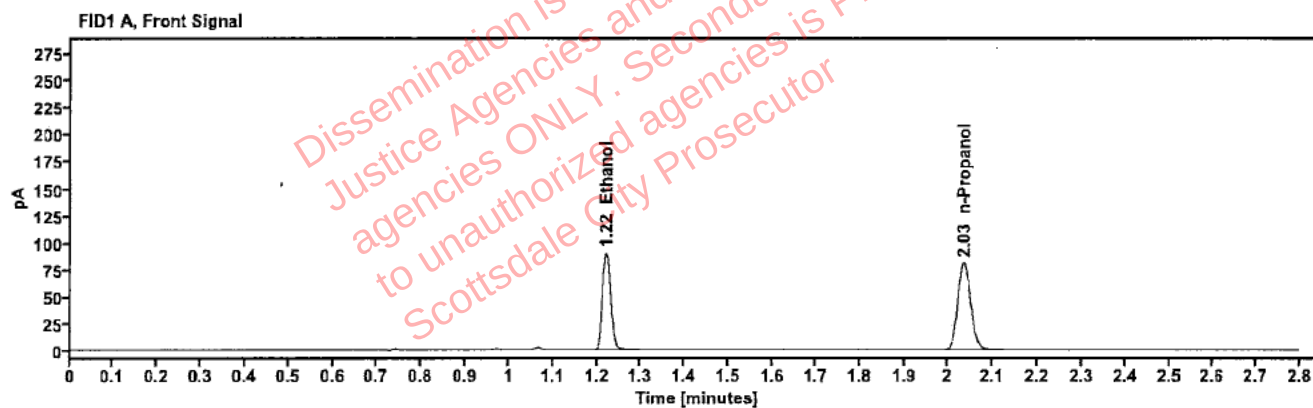


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1842	1.221	114.153
n-Propanol	-----	2.035	160.619

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

Compound	Time (min)	Peak Area
Ethanol	1.370	124.713
n-Propanol	2.460	173.185

: Brooke, Phillip - (09-Sep-2025)

Case: User: pbrooke 9/9/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516745-2	Vial:	22
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 10:03:18 PM
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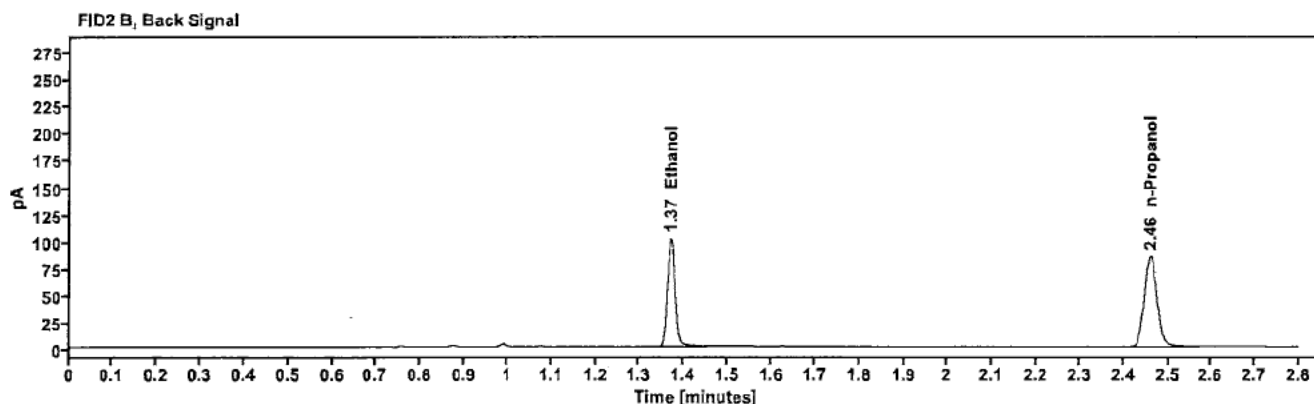
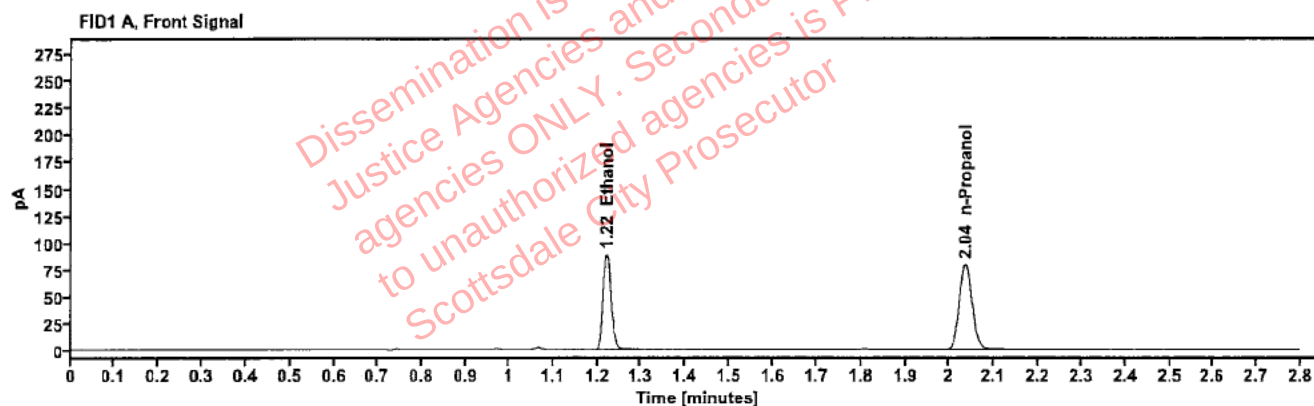


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1845	1.221	112.537
n-Propanol	-----	2.035	158.026

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

Compound	Time (min)	Peak Area
Ethanol	1.370	122.958
n-Propanol	2.460	170.478

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516717-2	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 10:07:17 PM
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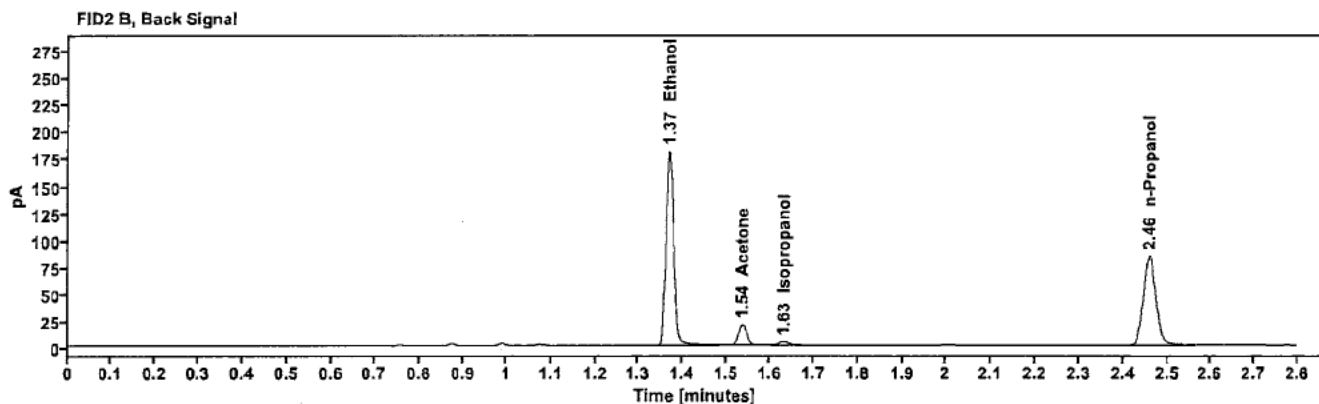
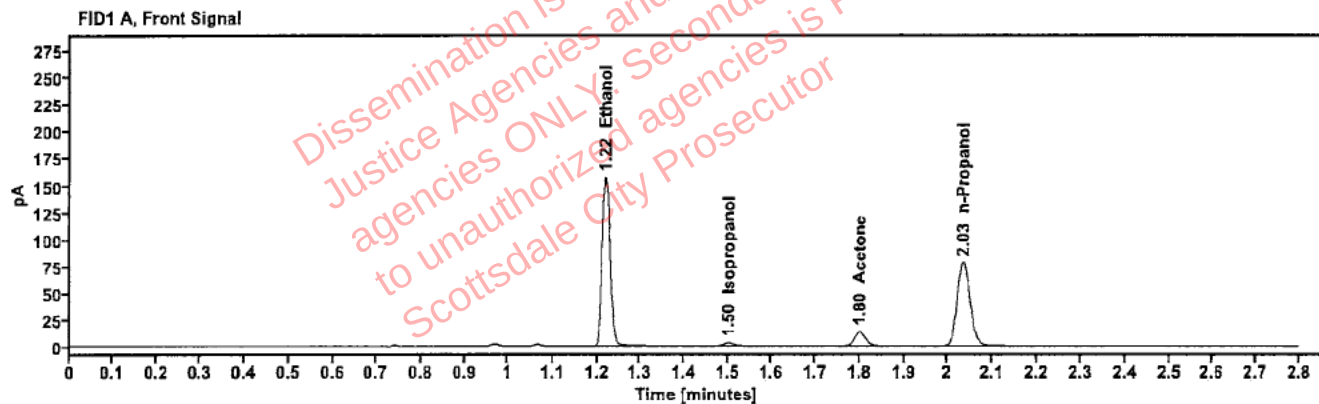


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3313	1.220	199.469
Isopropanol	-----	1.500	4.463
Acetone	-----	1.801	23.062
n-Propanol	-----	2.034	155.526

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

Compound	Time (min)	Peak Area
Ethanol	1.369	219.145
Acetone	1.536	25.240
Isopropanol	1.632	5.068
n-Propanol	2.459	167.309

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516717-2	Vial:	24
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 10:11:18 PM
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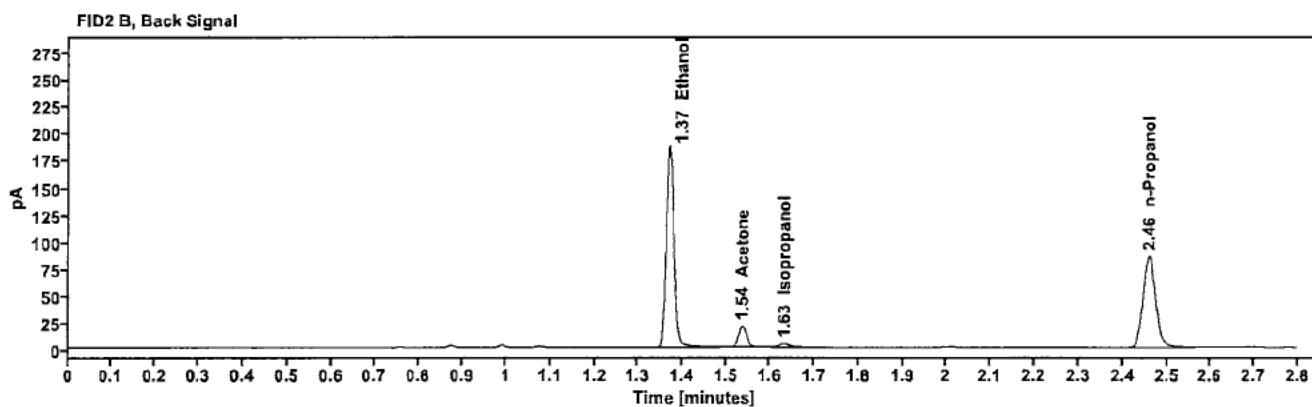
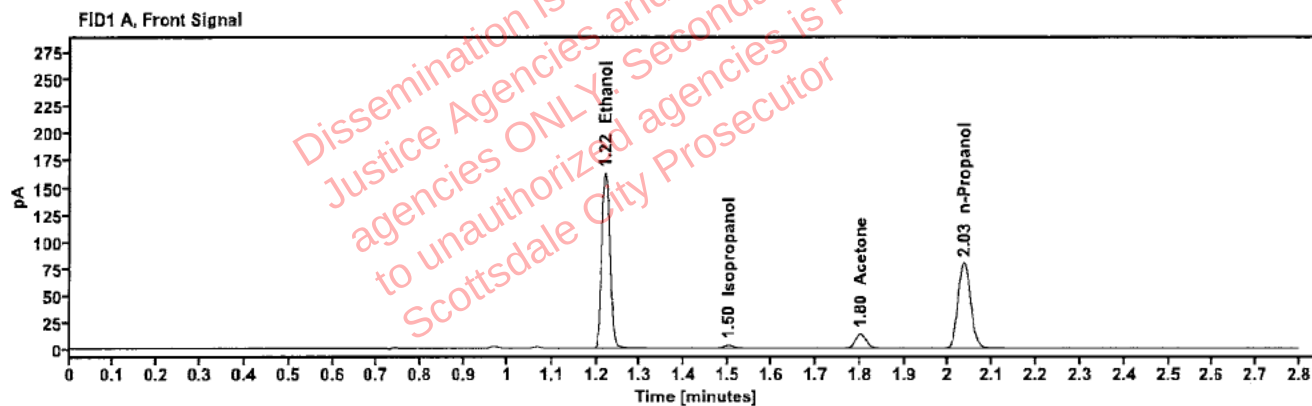


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3360	1.220	206.624
Isopropanol	-----	1.500	4.548
Acetone	-----	1.801	23.294
n-Propanol	-----	2.035	158.822

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

Compound	Time (min)	Peak Area
Ethanol	1.370	227.063
Acetone	1.537	25.466
Isopropanol	1.632	5.168
n-Propanol	2.460	170.726

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516456-1	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 10:15:32 PM
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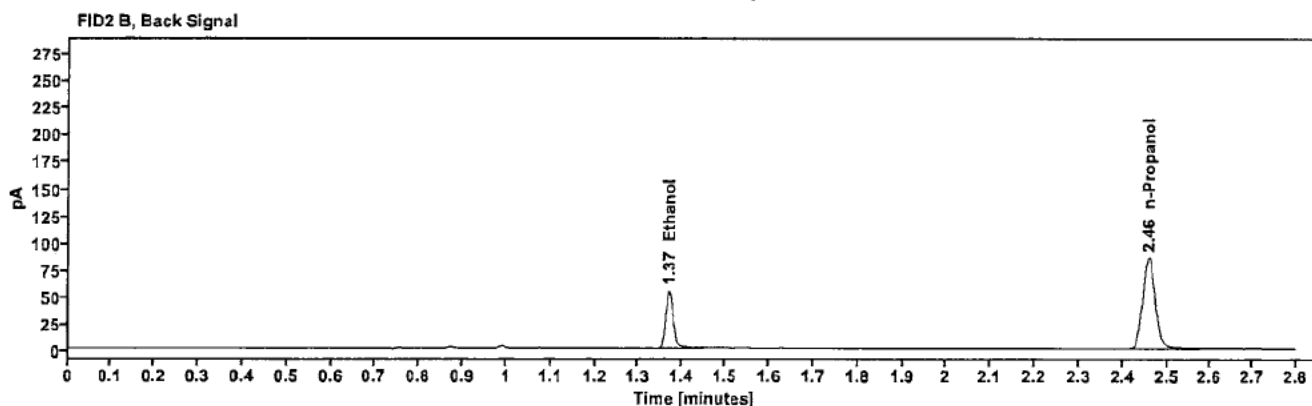
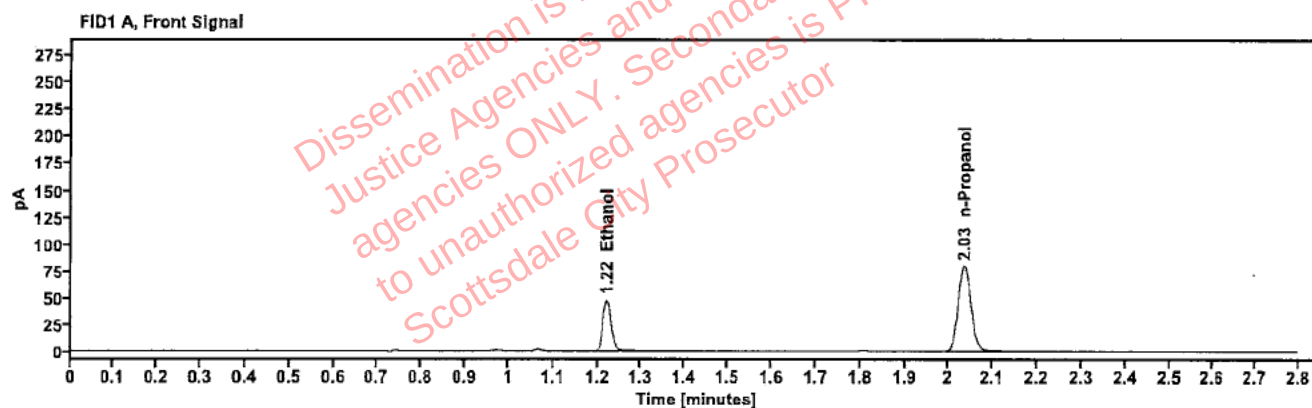


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0991	1.221	60.236
n-Propanol	-----	2.034	158.466

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

Compound	Time (min)	Peak Area
Ethanol	1.370	65.723
n-Propanol	2.459	171.186

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516456-1	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 10:19:32 PM
Data file:	C:\Chem32\1\Data\08Sep25\26.D	Analyst:	Brooke

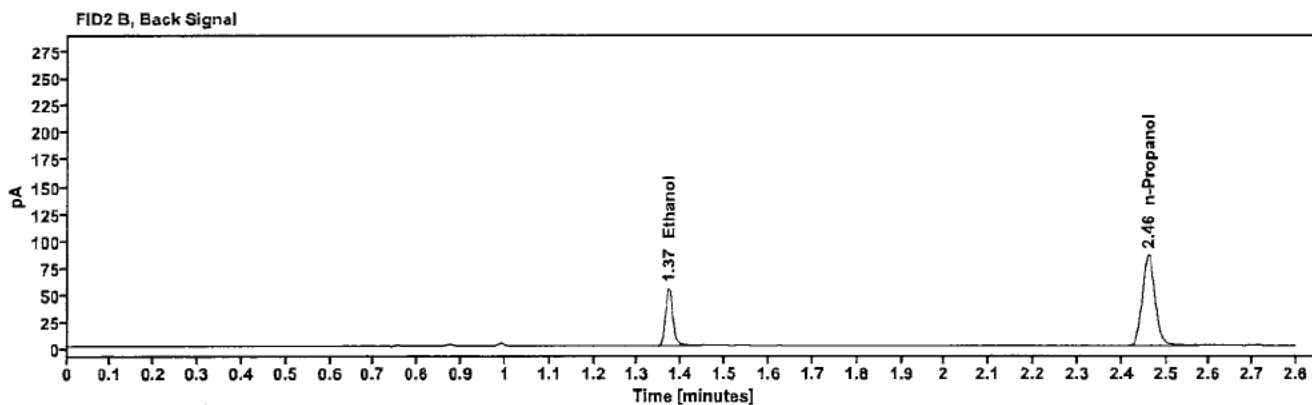
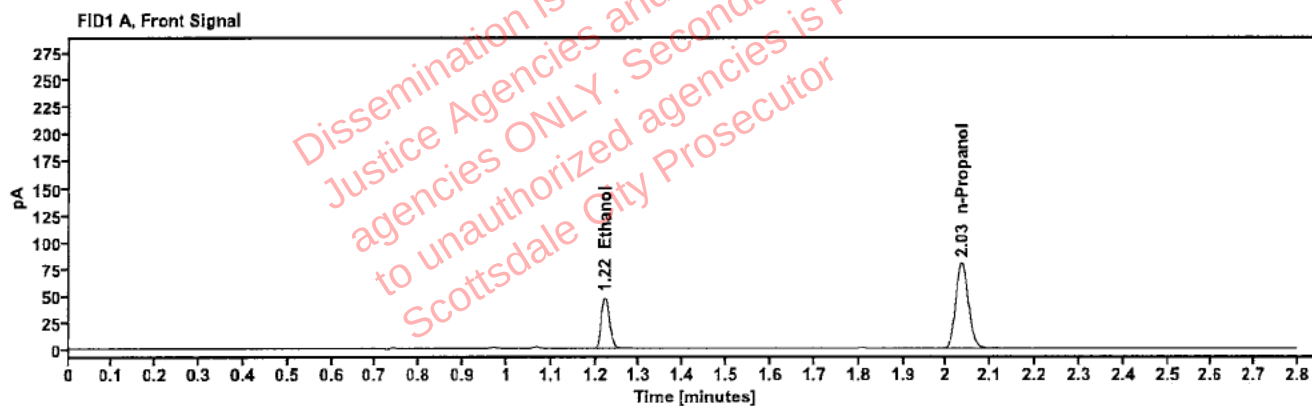


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0993	1.222	60.372
n-Propanol	---	2.035	158.608

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

Compound	Time (min)	Peak Area
Ethanol	1.371	65.804
n-Propanol	2.460	171.289

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516906-1	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 10:23:32 PM
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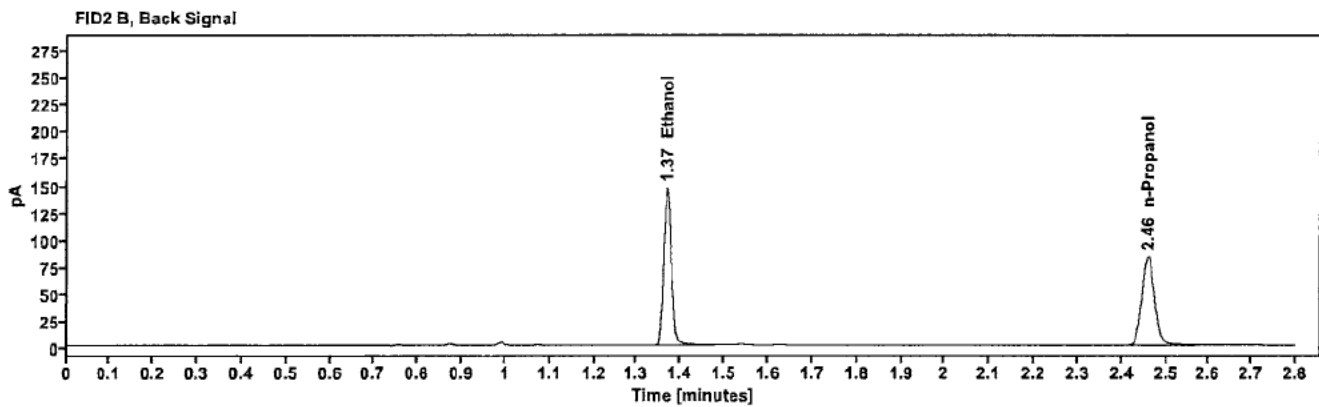
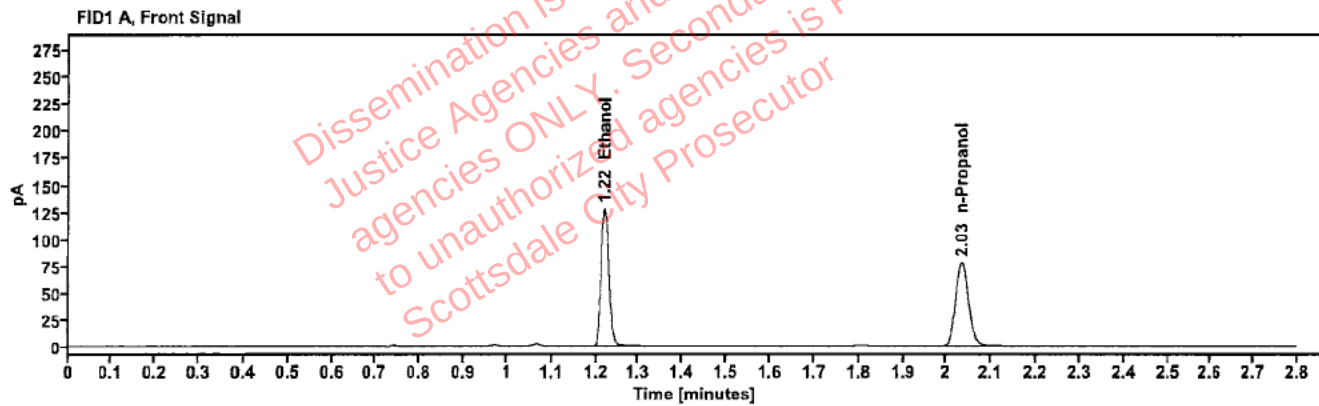


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2701	1.220	161.763
n-Propanol	—	2.034	154.839

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

Compound	Time (min)	Peak Area
Ethanol	1.369	177.628
n-Propanol	2.459	166.588

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2516906-1	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 10:27:33 PM
Data file:	C:\Chem32\1\Data\08Sep25\28.D	Analyst:	Brooke

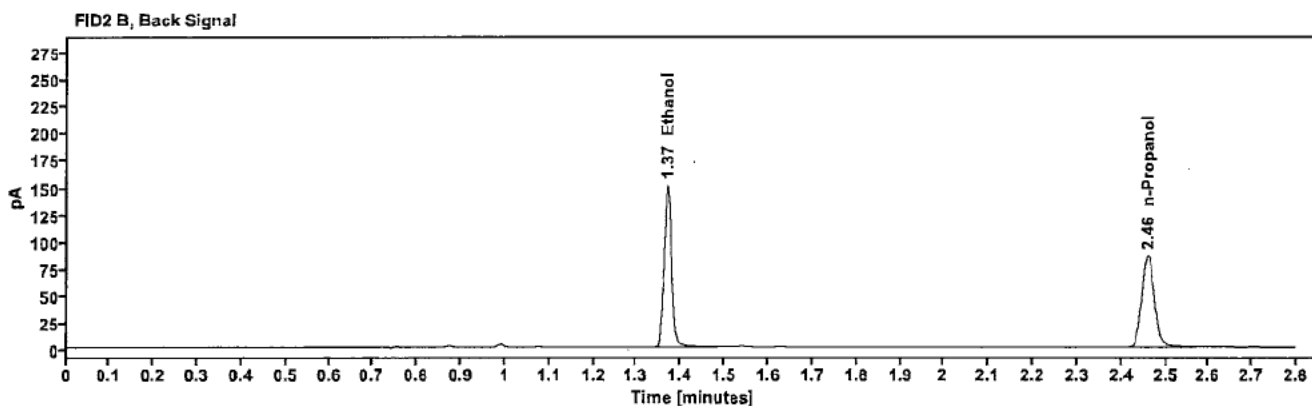
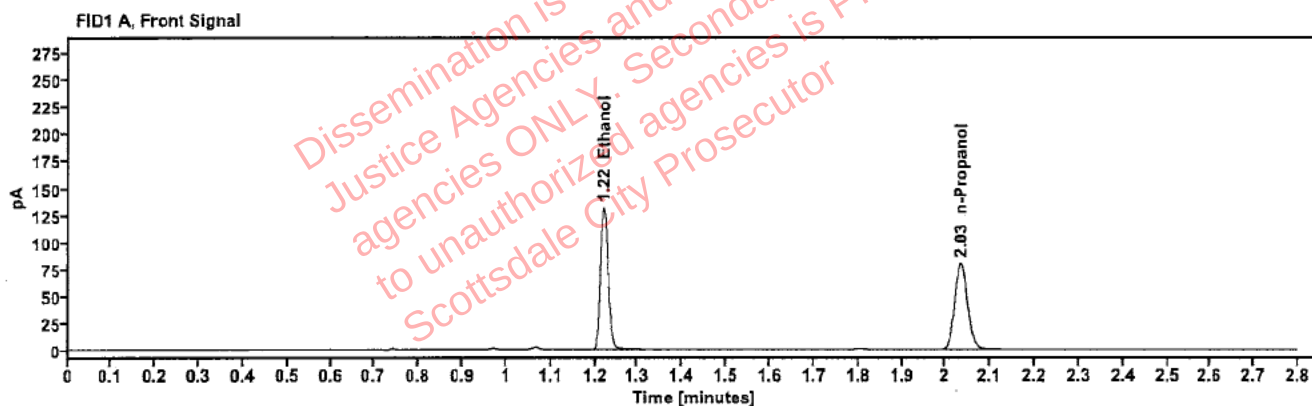


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2710	1.220	166.574
n-Propanol	-----	2.034	158.909

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

Compound	Time (min)	Peak Area
Ethanol	1.369	183.198
n-Propanol	2.459	170.772

[REDACTED]: Brooke, Phillip - (09-Sep-2025)

Case [REDACTED] User: pbrooke 9/9/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517018-1	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 10:31:33 PM
Data file:	C:\Chem32\1\Data\08Sep25\29.D	Analyst:	Brooke

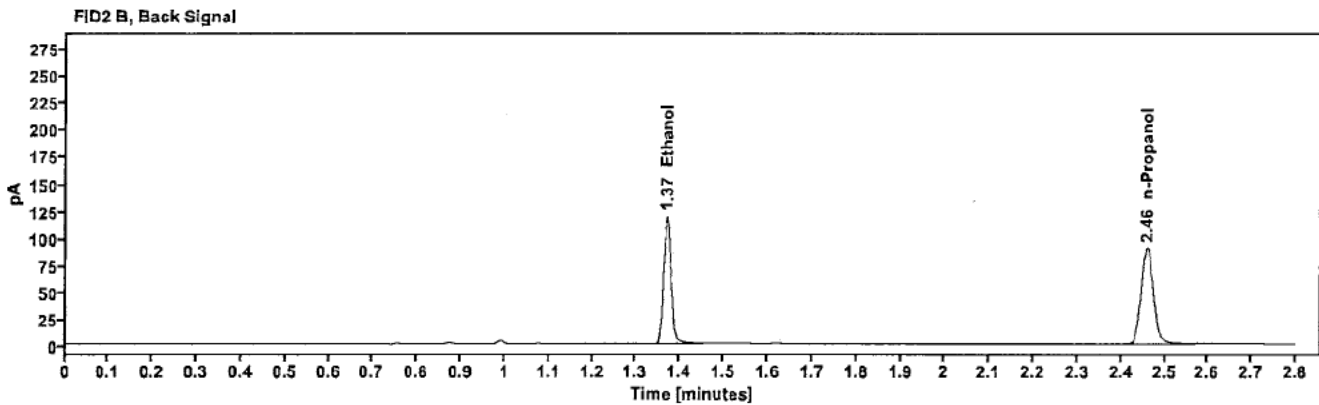
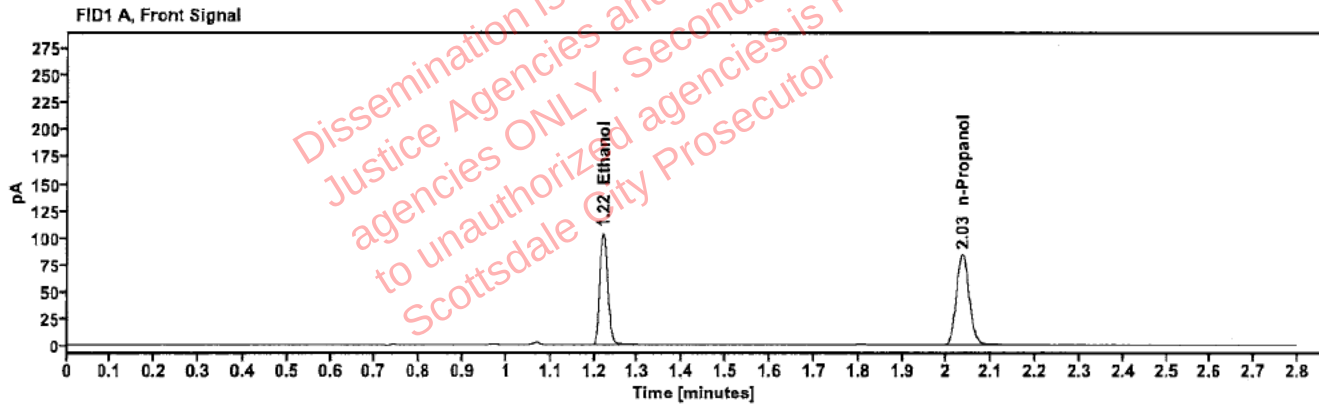


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2043	1.221	131.495
n-Propanol	-----	2.035	166.671

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

Compound	Time (min)	Peak Area
Ethanol	1.370	143.514
n-Propanol	2.460	179.635

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517018-1	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 10:35:33 PM
Data file:	C:\Chem32\1\Data\08Sep25\30.D	Analyst:	Brooke

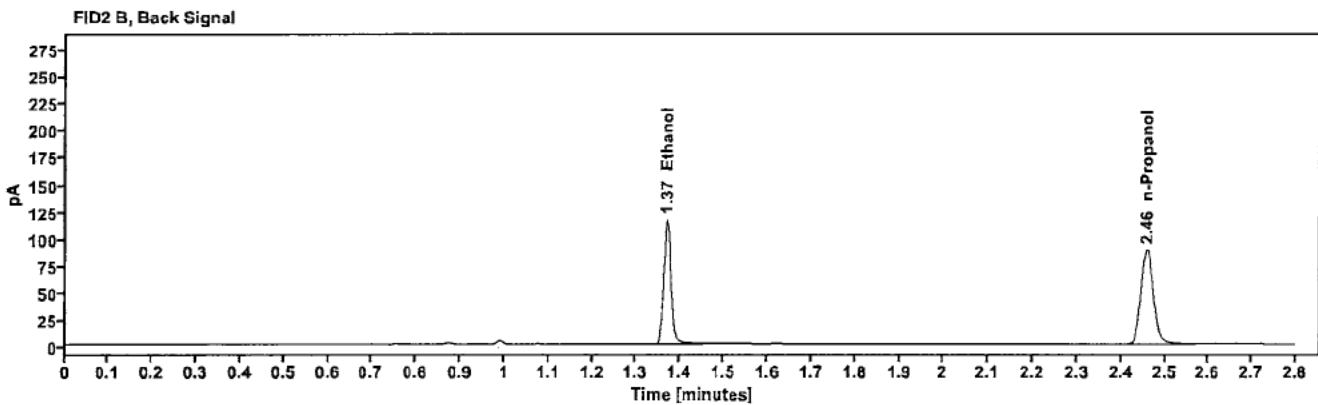
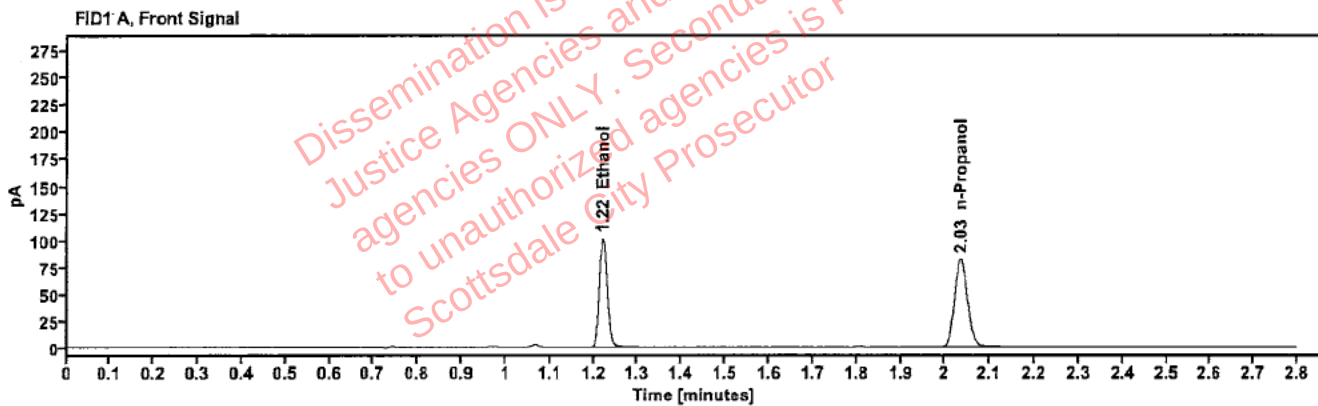


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2029	1.221	128.504
n-Propanol	---	2.035	164.007

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

Compound	Time (min)	Peak Area
Ethanol	1.370	140.253
n-Propanol	2.460	176.684

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517029-1	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 10:43:48 PM
Data file:	C:\Chem32\1\Data\08Sep25\32.D	Analyst:	Brooke

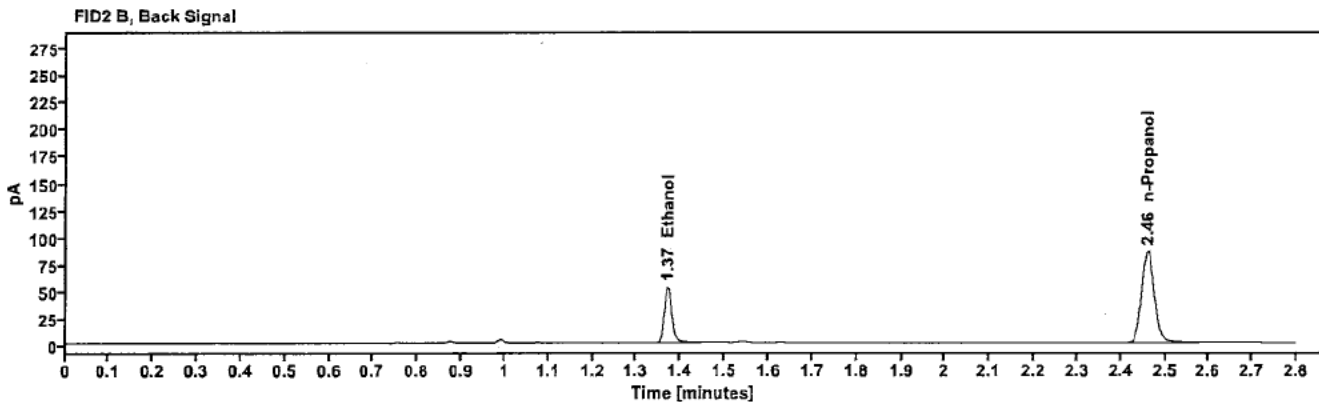
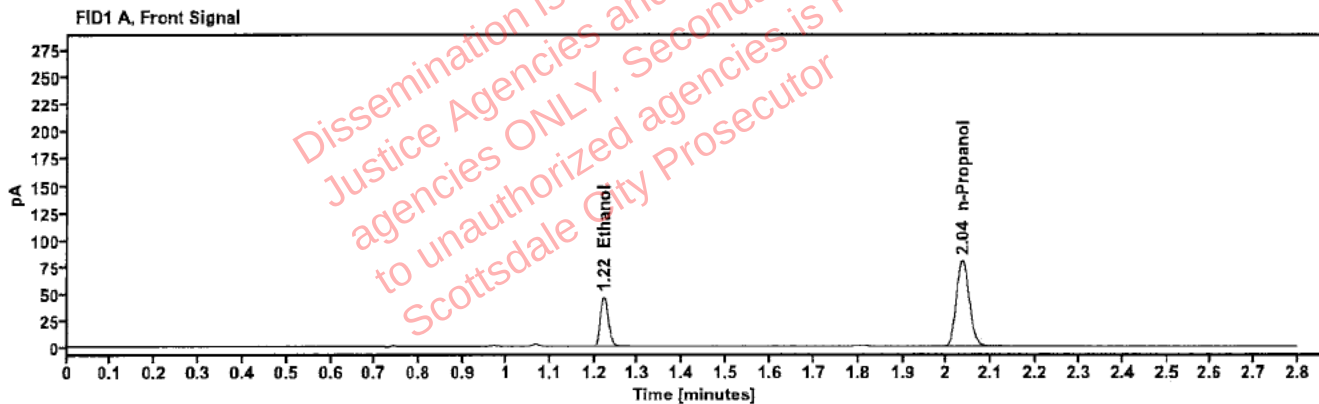


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0957	1.222	58.562
n-Propanol	—	2.035	159.753

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

Compound	Time (min)	Peak Area
Ethanol	1.371	63.679
n-Propanol	2.461	172.537

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517029-1	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 10:47:47 PM
Data file:	C:\Chem32\1\Data\08Sep25\33.D	Analyst:	Brooke

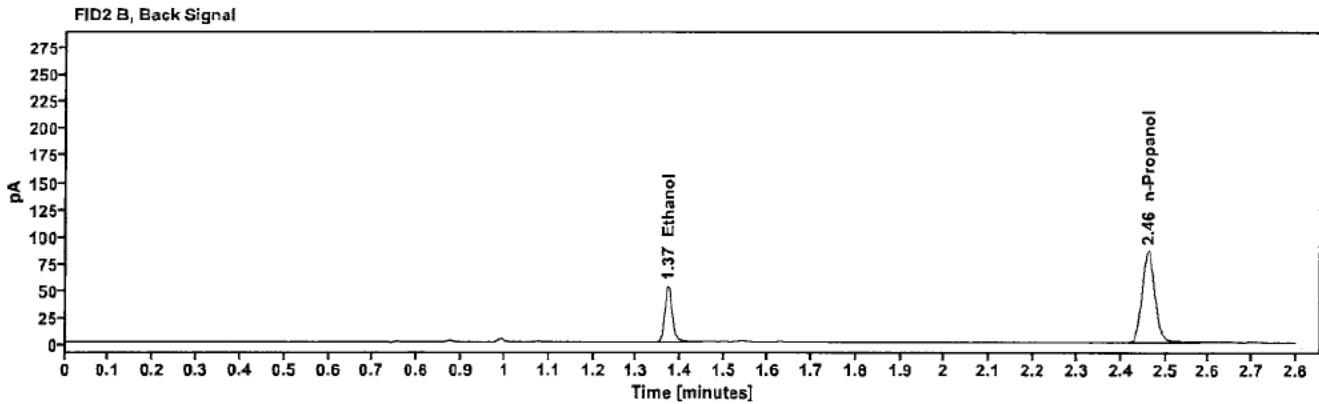
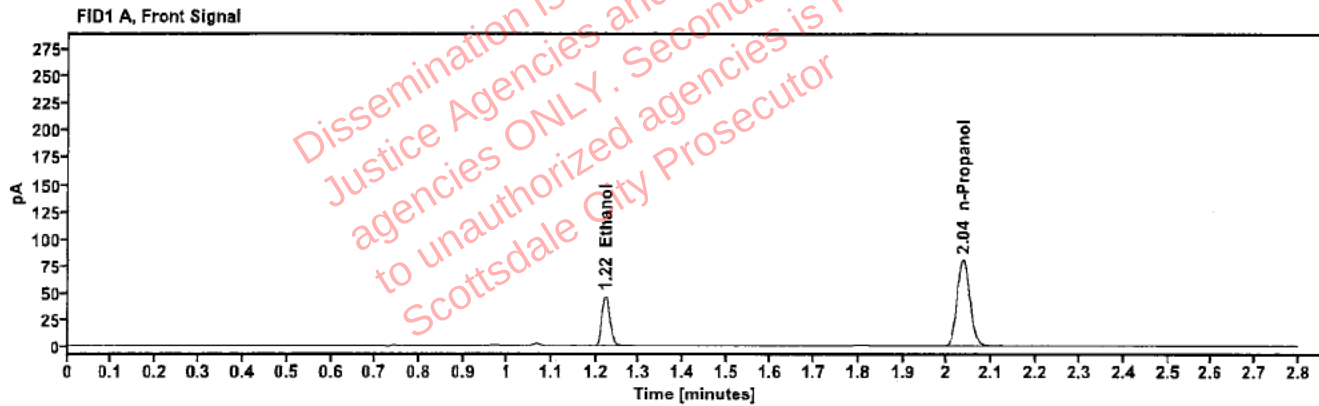


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0957	1.222	58.740
n-Propanol	—	2.036	160.201

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

Compound	Time (min)	Peak Area
Ethanol	1.371	63.872
n-Propanol	2.461	173.074

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517019-1	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 10:51:48 PM
Data file:	C:\Chem32\11\Data\08Sep25\34.D	Analyst:	Brooke

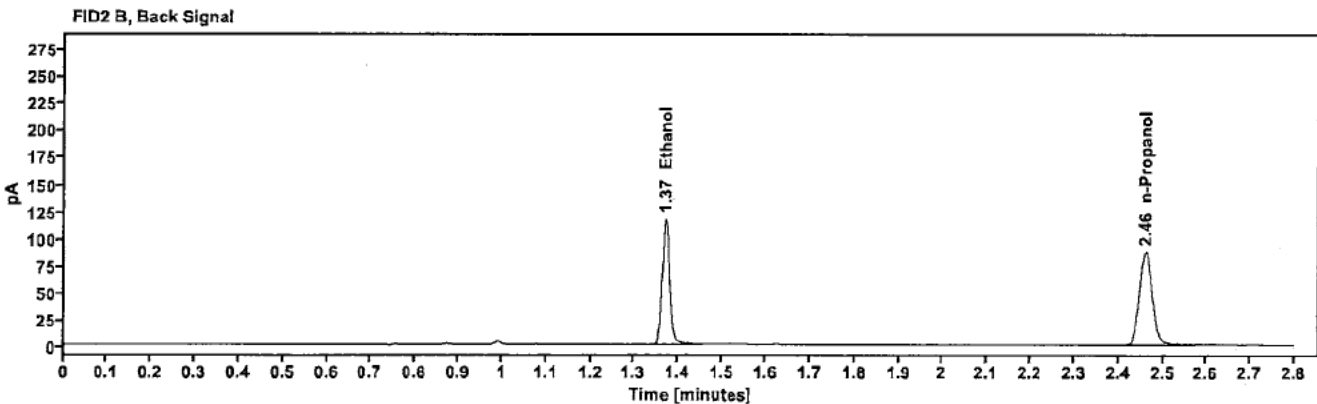
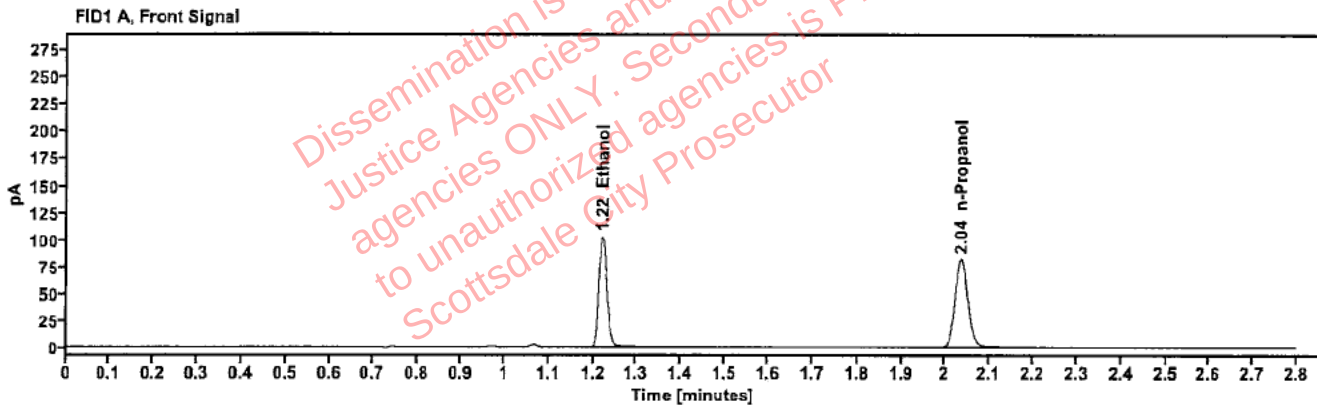


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2067	1.221	129.739
n-Propanol	---	2.036	162.532

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

Compound	Time (min)	Peak Area
Ethanol	1.371	141.897
n-Propanol	2.461	175.212

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517019-1	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 10:55:48 PM
Data file:	C:\Chem32\11\Data\08Sep25\35.D	Analyst:	Brooke

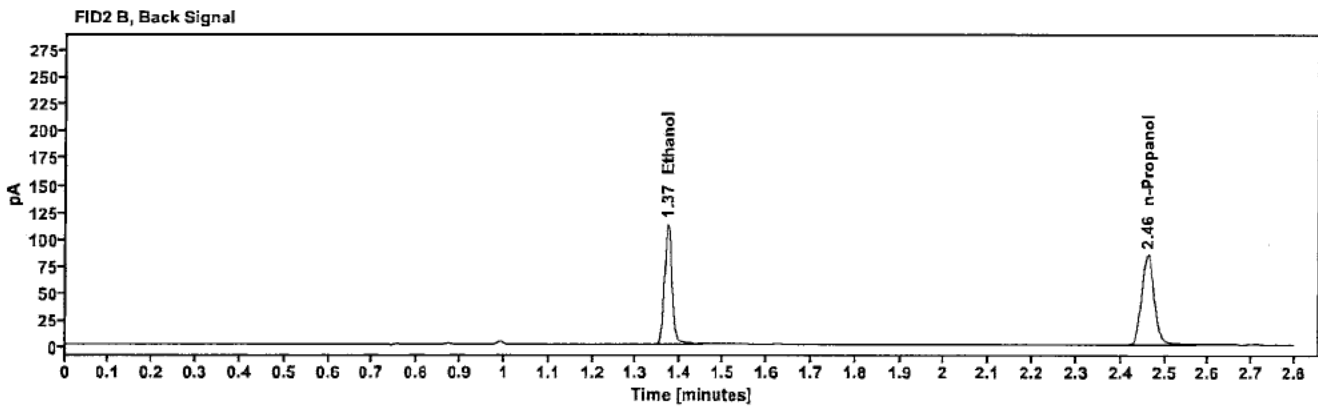
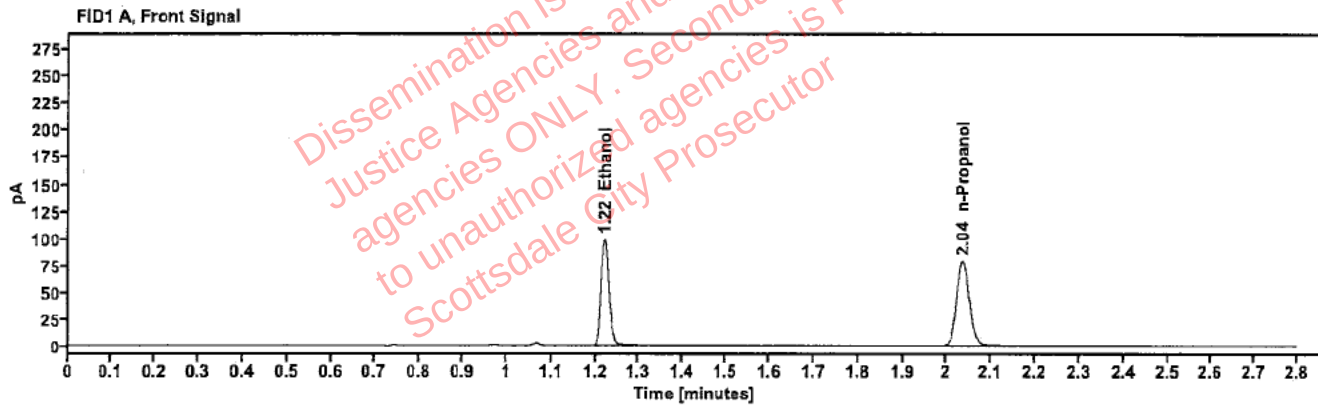


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2056	1.221	125.110
n-Propanol	-----	2.036	157.603

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

Compound	Time (min)	Peak Area
Ethanol	1.371	136.485
n-Propanol	2.461	169.818

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517034-2	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 10:59:47 PM
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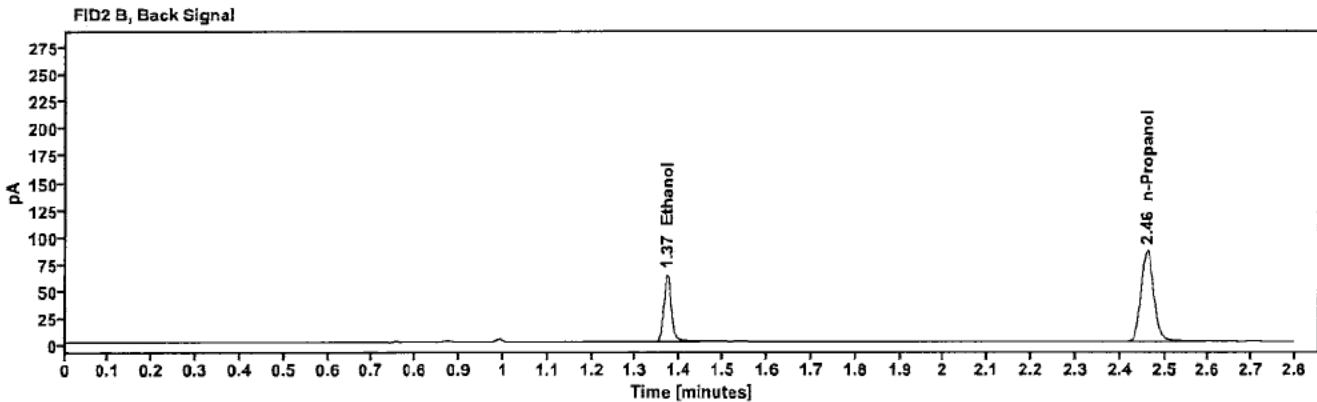
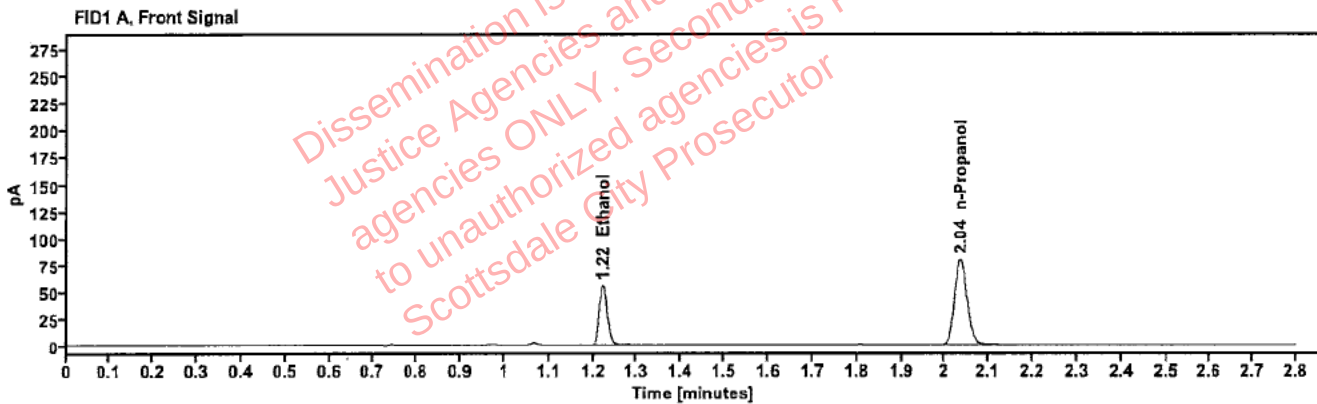


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1154	1.222	70.258
n-Propanol	---	2.036	158.539

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

Compound	Time (min)	Peak Area
Ethanol	1.371	76.619
n-Propanol	2.461	171.175

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517034-2	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 11:04:03 PM
Data file:	C:\Chem32\11\Data\08Sep25\37.D	Analyst:	Brooke

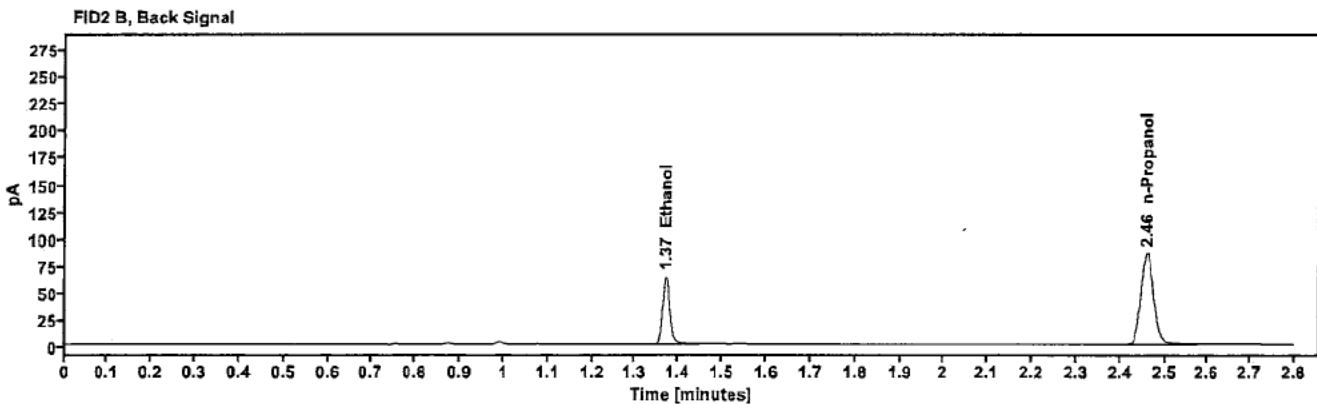
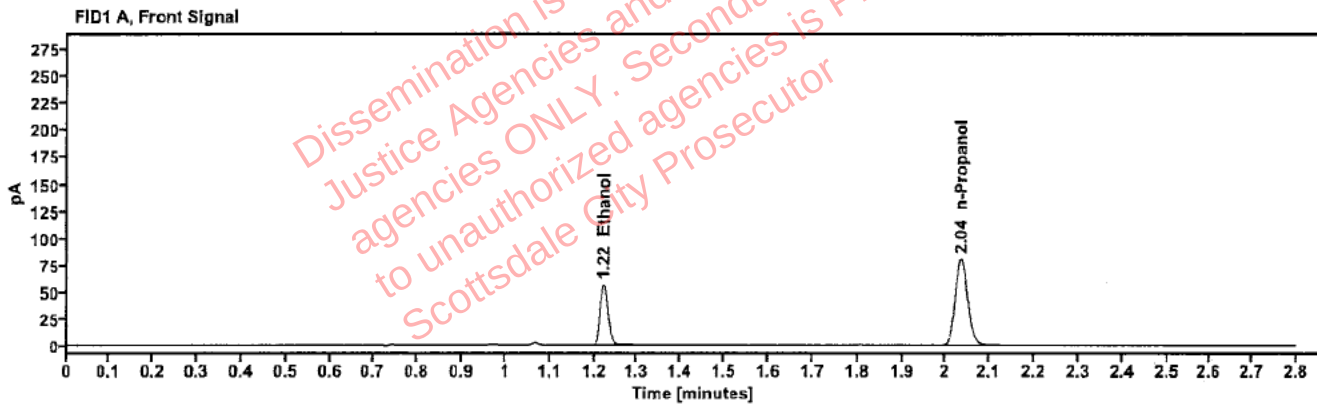


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1155	1.222	70.845
n-Propanol	—	2.035	159.708

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

Compound	Time (min)	Peak Area
Ethanol	1.371	77.273
n-Propanol	2.460	172.460

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517167-2	Vial:	38
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 11:08:02 PM
Data file:	C:\Chem32\1\Data\08Sep25\38.D	Analyst:	Brooke

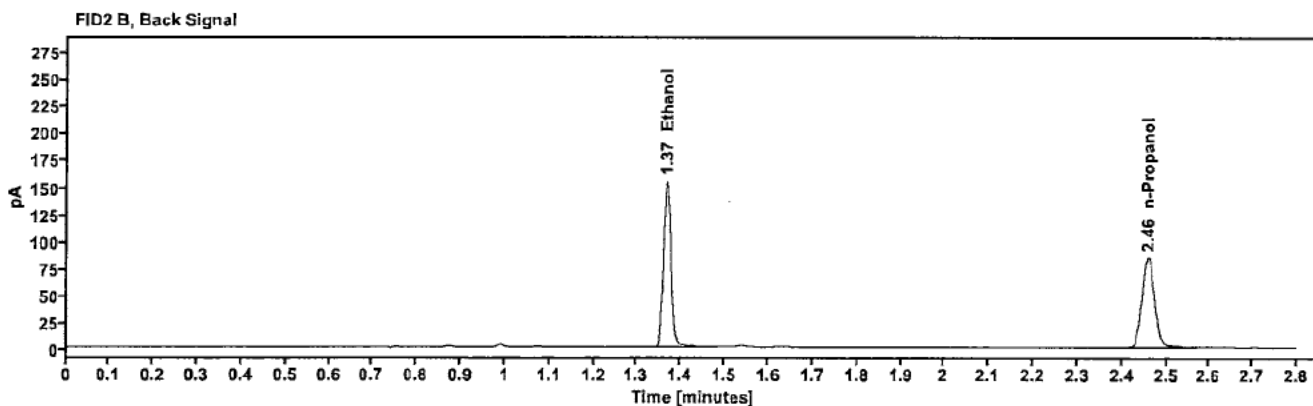
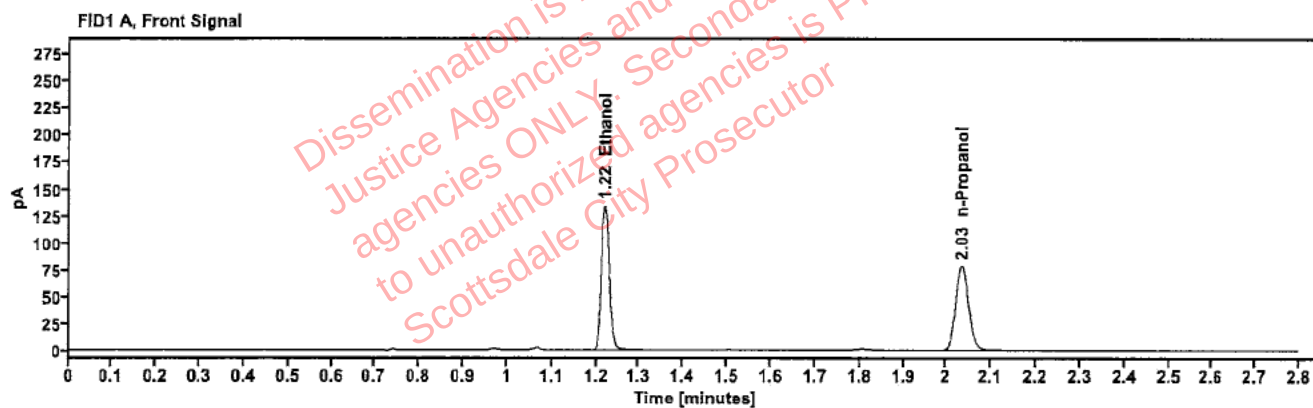


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2813	1.219	171.007
n-Propanol	—	2.034	157.123

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

Compound	Time (min)	Peak Area
Ethanol	1.368	188.166
n-Propanol	2.458	169.517

[REDACTED]: Brooke, Phillip - (09-Sep-2025)

Case: [REDACTED] User: pbrooke 9/9/2025

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2517167-2	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 11:12:03 PM
Data file:	C:\Chem3211\Data\08Sep25\39.D	Analyst:	Brooke

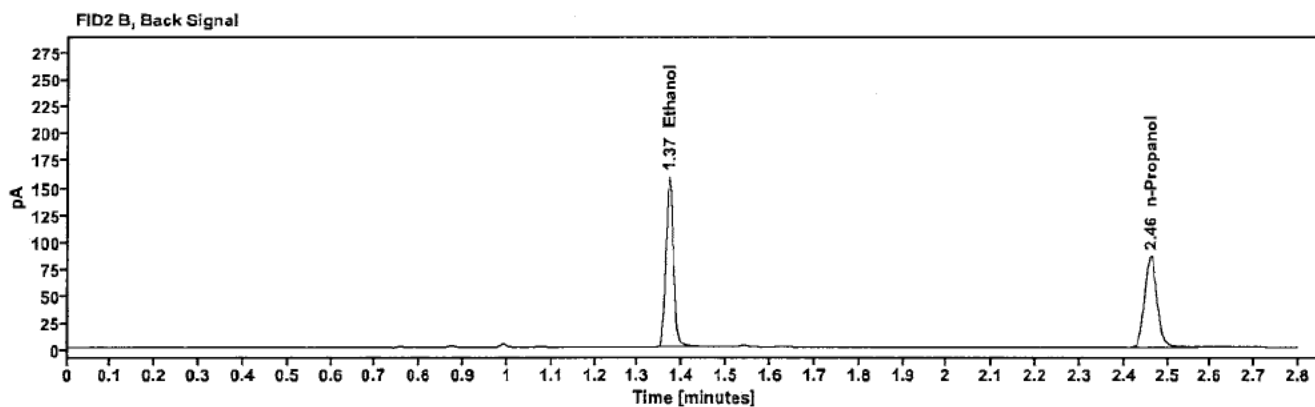
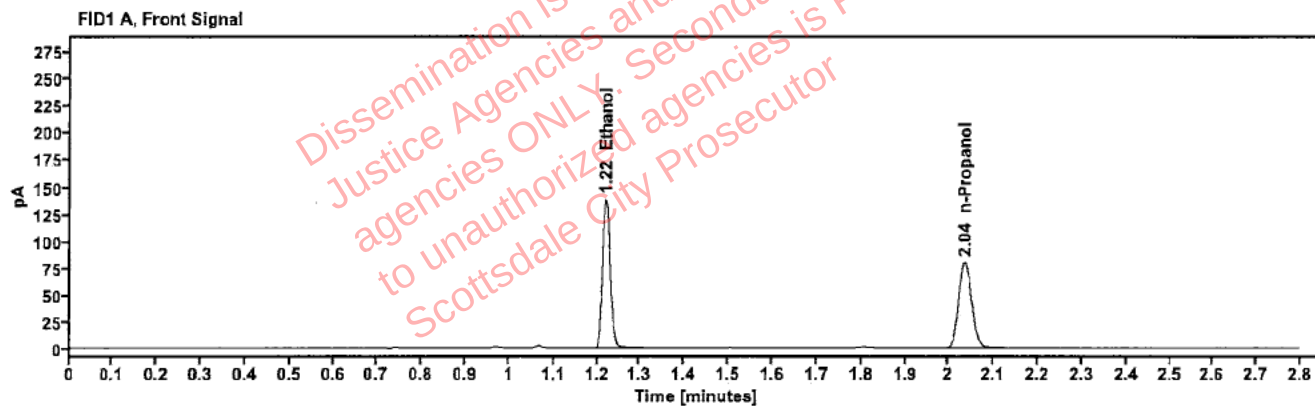


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2843	1.221	175.063
n-Propanol	-----	2.035	159.159

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

Compound	Time (min)	Peak Area
Ethanol	1.370	191.619
n-Propanol	2.460	171.393

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	401-1K.L.	Vial:	40
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 11:16:03 PM
Data file:	C:\Chem32\1\Data\08Sep25\40.D	Analyst:	Brooke

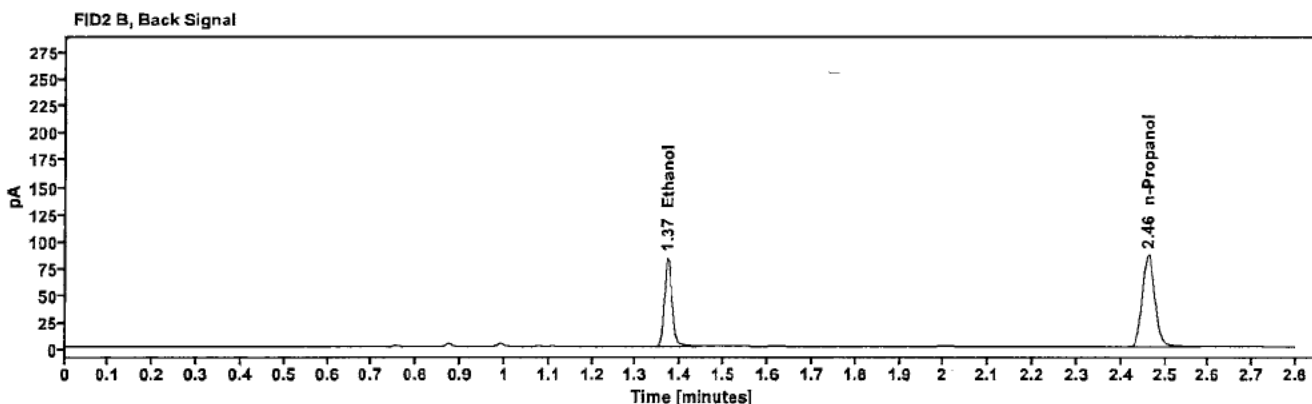
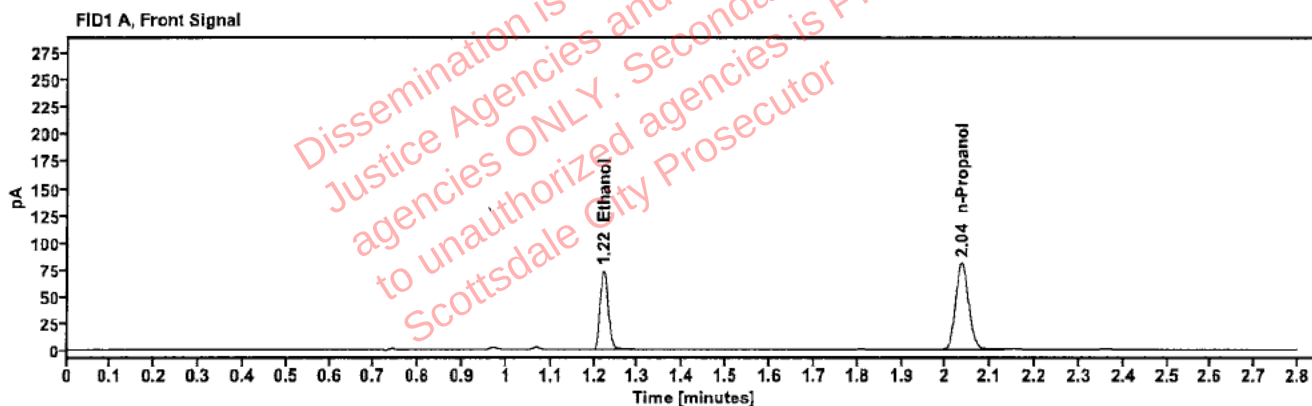


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1502	1.222	92.862
n-Propanol	-----	2.036	160.439

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

Compound	Time (min)	Peak Area
Ethanol	1.371	101.308
n-Propanol	2.461	173.910

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	401-1K.L.	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	08Sep25
Instrument:	US14173023 CN14160045	Injection date:	9/8/2025 11:20:03 PM
Data file:	C:\Chem32\1\Data\08Sep25\41.D	Analyst:	Brooke

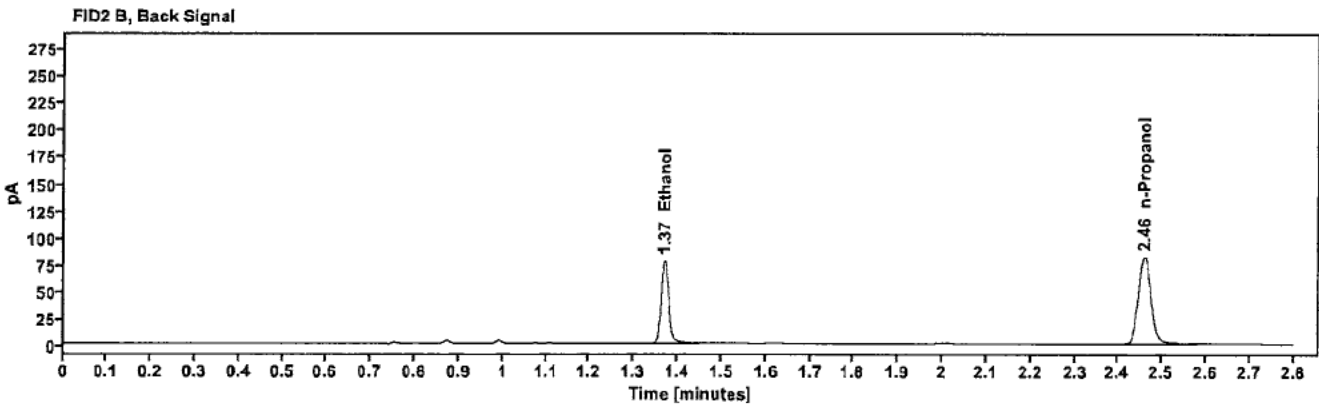
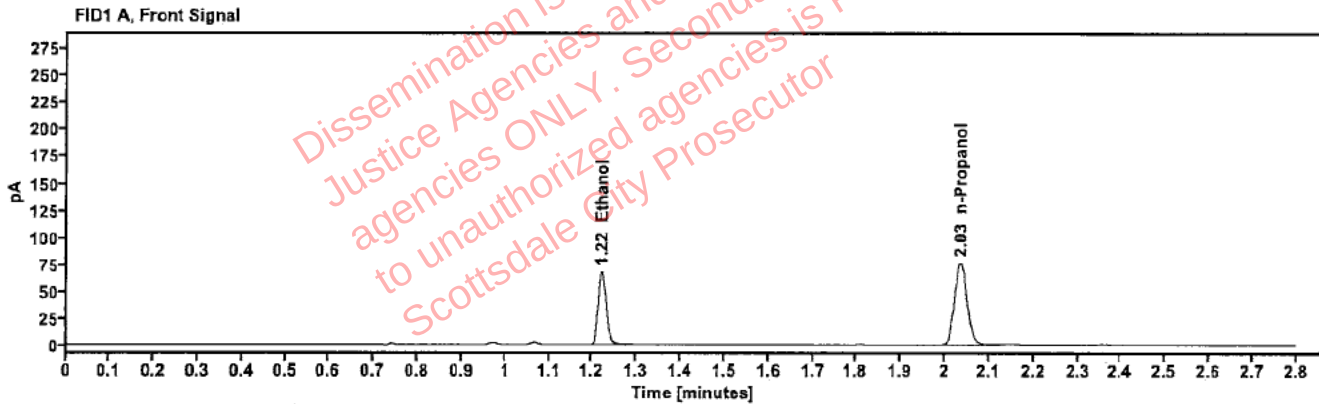


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1477	1.221	86.532
n-Propanol	-----	2.035	152.061

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

Compound	Time (min)	Peak Area
Ethanol	1.369	94.456
n-Propanol	2.460	164.871