

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 03/12/2024 SEQUENCE NAME 12Mar24

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN03122113 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN03072301 0.99999
 Vial 3 0.20 calibrator Lot FN03132302
 Vial 4 0.40 calibrator Lot FN03052102

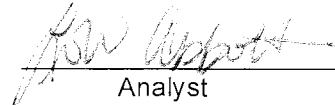
CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 011823WB
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.399 g/dL	Lipomed 30012020-A
8	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.205 g/dL	ACQ 4110320133/11
20	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
42	Aqueous control	0.400 g/dL	0.403 g/dL	Lipomed 30012020-A
43	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
44	Blood control	0.199 g/dL	0.202 g/dL	ACQ 4110320133/11
45	Blank	Not detected	Not detected	SPD lab 010524AQ

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

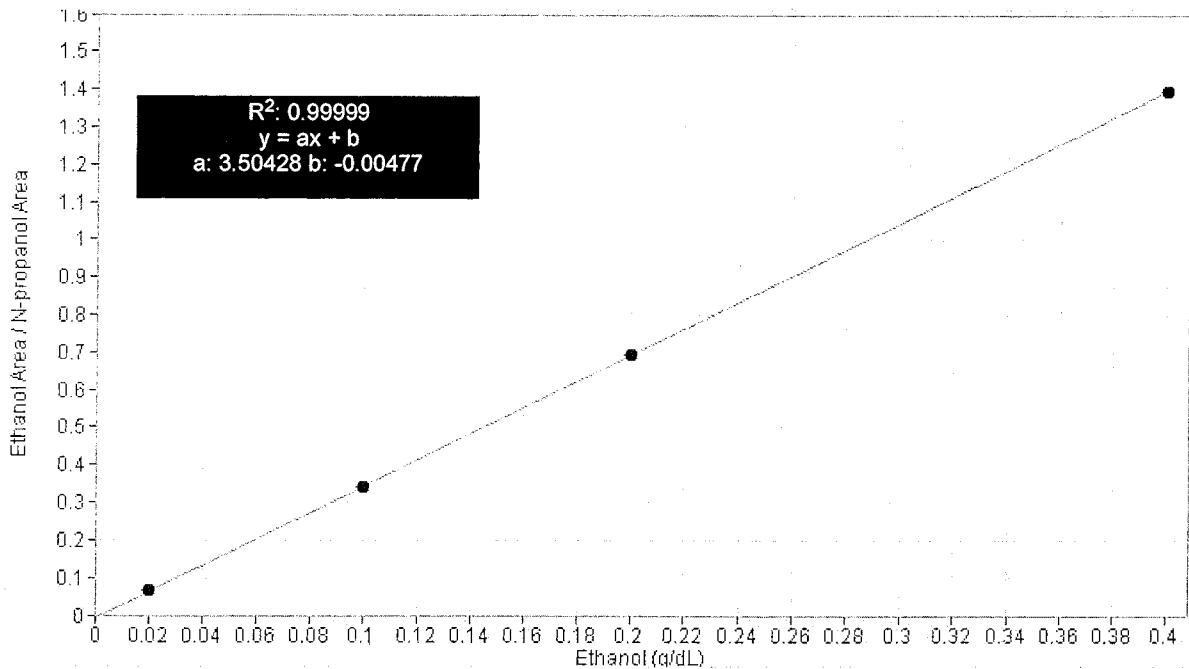
SEQUENCE NAME: 12Mar24

ANALYST: Abbott

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 011823WB	5	negative	negative	-	-
0.400 30012020-A	7	0.399	0.400	0.25	-0.001
0.040 14082019-B	8	0.041	0.040	2.50	0.001
0.199 4110320133/11	9	0.205	0.199	3.02	0.006
0.080 20012020-B	20	0.080	0.080	0.00	0.000
0.080 20012020-B	31	0.081	0.080	1.25	0.001
0.400 30012020-A	42	0.403	0.400	0.75	0.003
0.040 14082019-B	43	0.041	0.040	2.50	0.001
0.199 4110320133/11	44	0.202	0.199	1.51	0.003
blank 010524AQ	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.446	169.466	0.068
0.100	58.625	170.761	0.343
0.200	118.619	170.585	0.695
0.400	236.948	169.518	1.398

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03122113	Vial: 1
Description: 0.020 calibrator	Sequence: 12Mar24
Method: ethanol quant.M	Injection date: 3/12/2024 4:15:58 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>JA</i>
Data file: C:\Chem32\1\Data\12Mar24\1.D	

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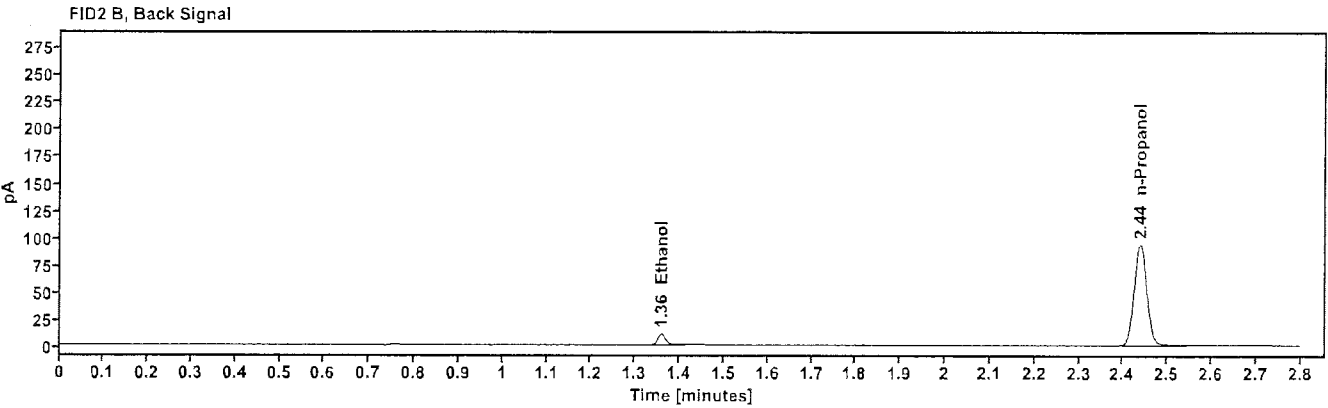
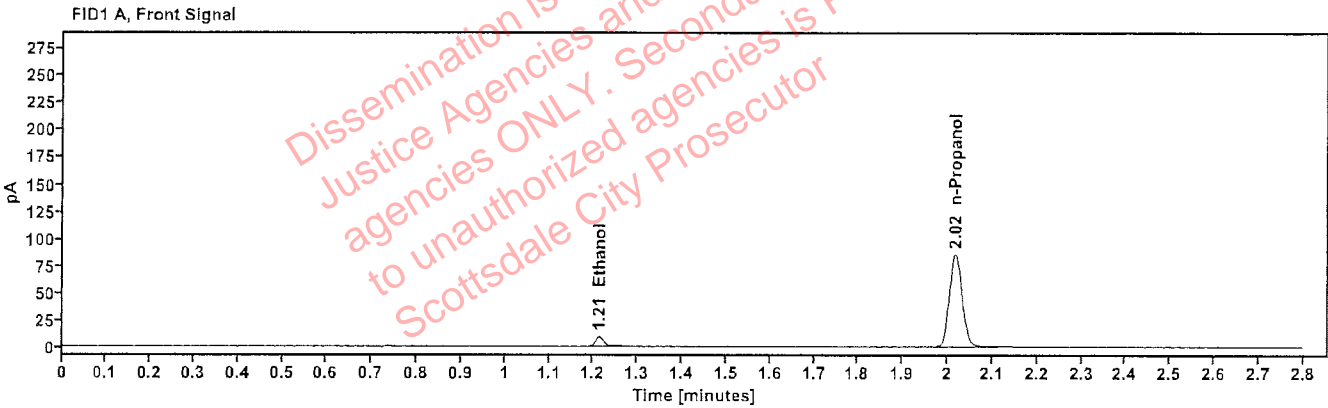


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.213	11.446
n-Propanol	2.017	169.466

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

Compound	Time (min)	Peak Area
Ethanol	1.359	12.566
n-Propanol	2.438	184.547

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03072301	Vial: 2
Description: 0.100 calibrator	Sequence: 12Mar24
Method: ethanol quant.M	Injection date: 3/12/2024 4:19:57 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>JA</i>
Data file: C:\Chem32\1\Data\12Mar24\2.D	

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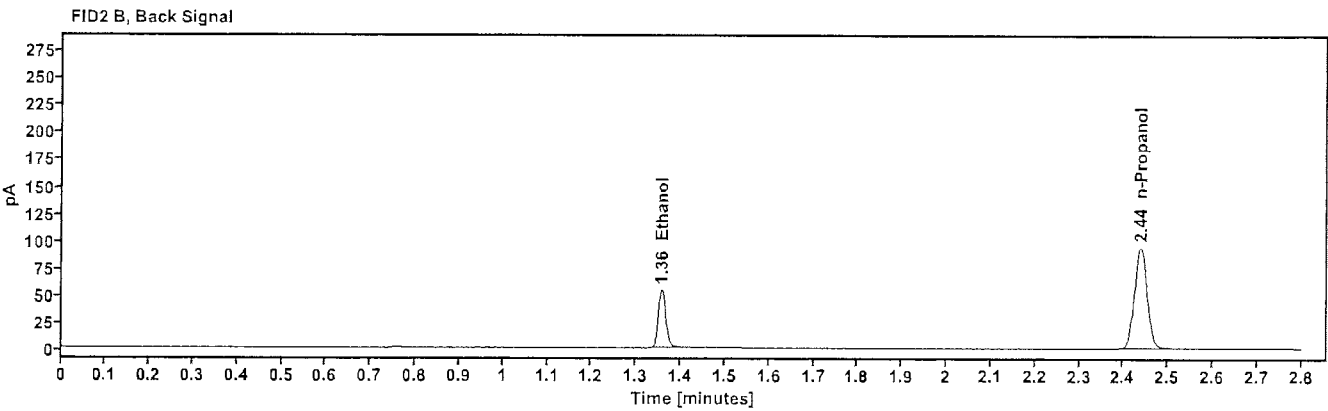
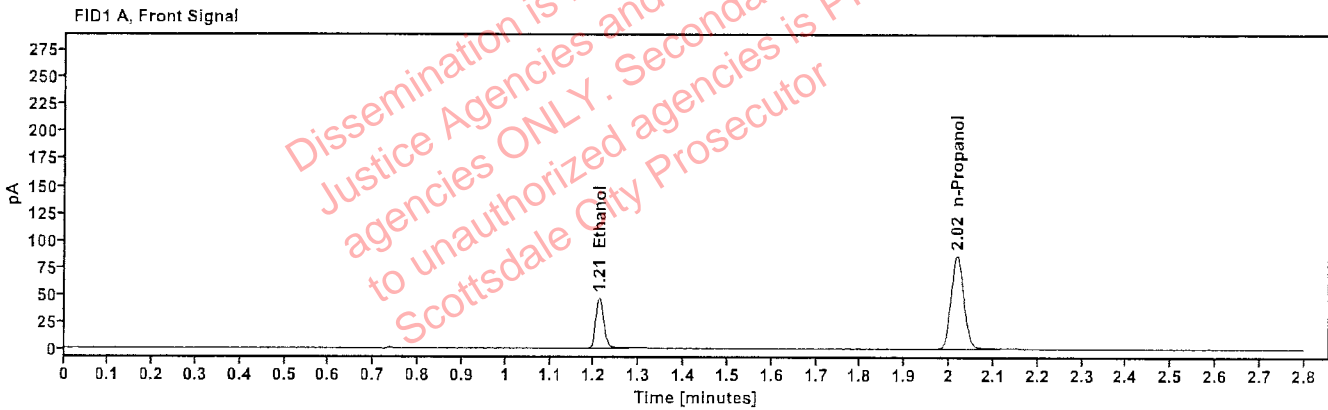


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	58.625
n-Propanol	2.017	170.761

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

Compound	Time (min)	Peak Area
Ethanol	1.357	64.300
n-Propanol	2.438	185.788

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03132302	Vial: 3
Description: 0.200 calibrator	Sequence: 12Mar24
Method: ethanol quant.M	Injection date: 3/12/2024 4:23:56 PM
Instrument: US14173023 CN14160045	Analyst: Abbott
Data file: C:\Chem32\1\Data\12Mar24\3.D	

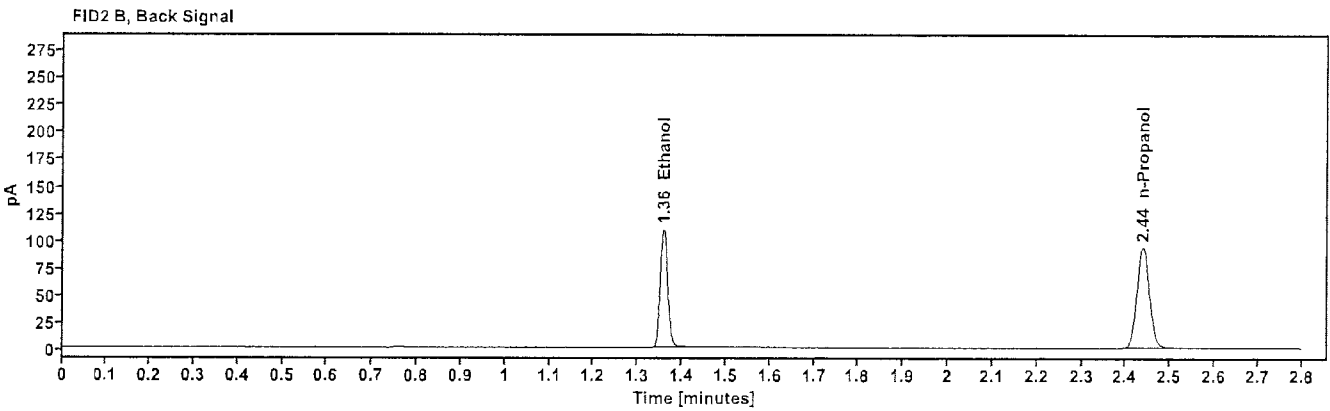
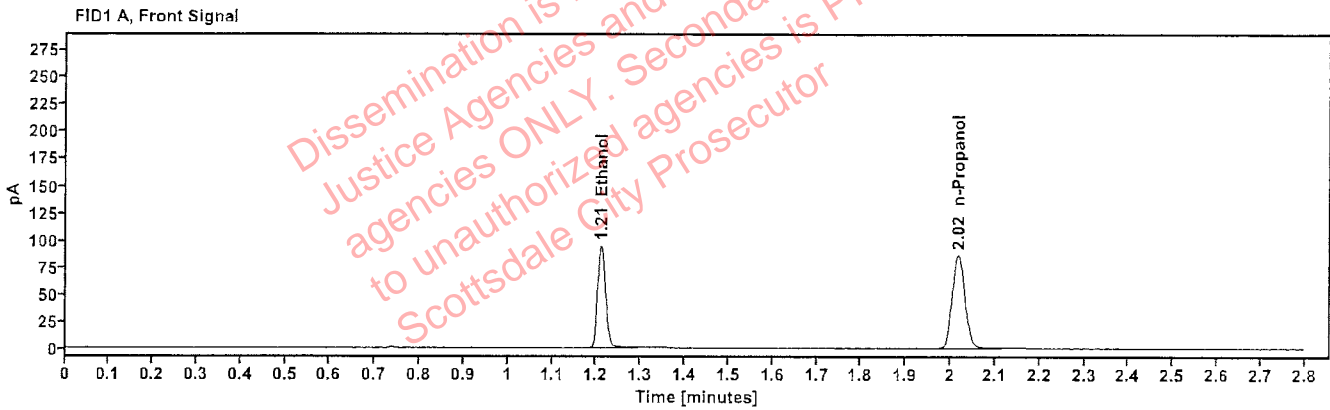


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	118.619
n-Propanol	2.017	170.585

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

Compound	Time (min)	Peak Area
Ethanol	1.357	130.241
n-Propanol	2.438	185.243

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN03052102	Vial: 4
Description: 0.400 calibrator	Sequence: 12Mar24
Method: ethanol quant.M	Injection date: 3/12/2024 4:27:57 PM
Instrument: US14173023 CN14160045	Analyst: Abbott
Data file: C:\Chem32\1\Data\12Mar24\4.D	

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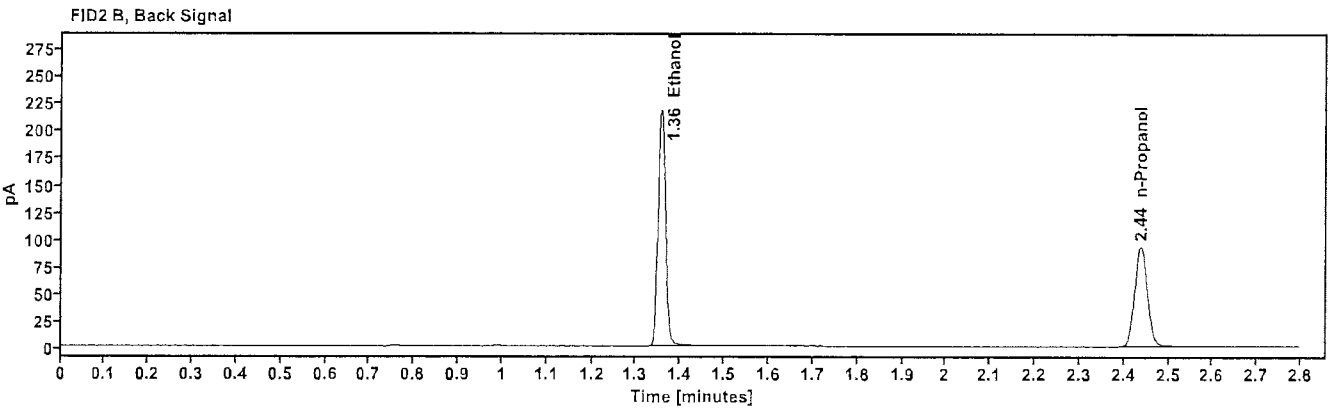
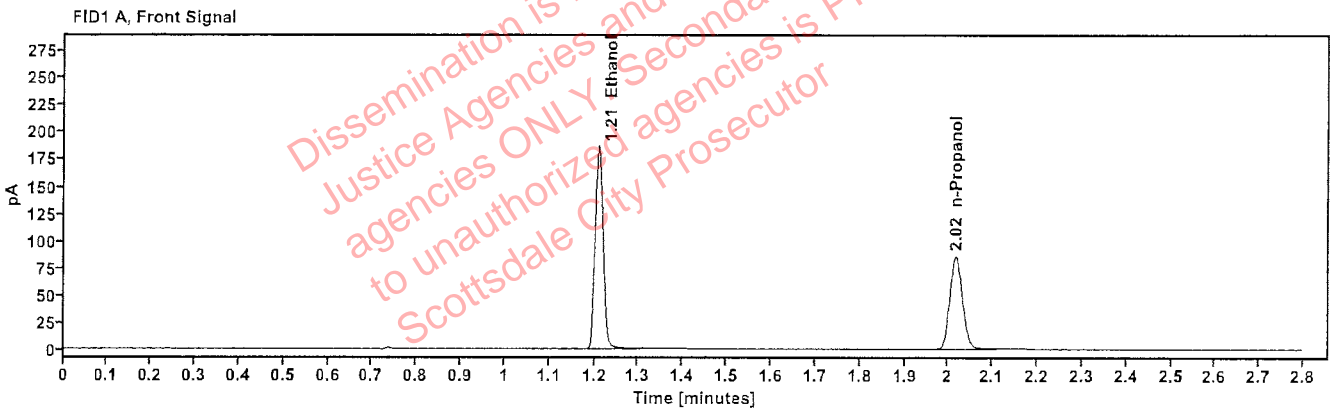


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	236.948
n-Propanol	2.017	169.518

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

Compound	Time (min)	Peak Area
Ethanol	1.357	261.259
n-Propanol	2.438	184.304

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	011823WB	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 4:31:57 PM
Data file:	C:\Chem32\1\Data\12Mar24\5.D	Analyst:	Abbott

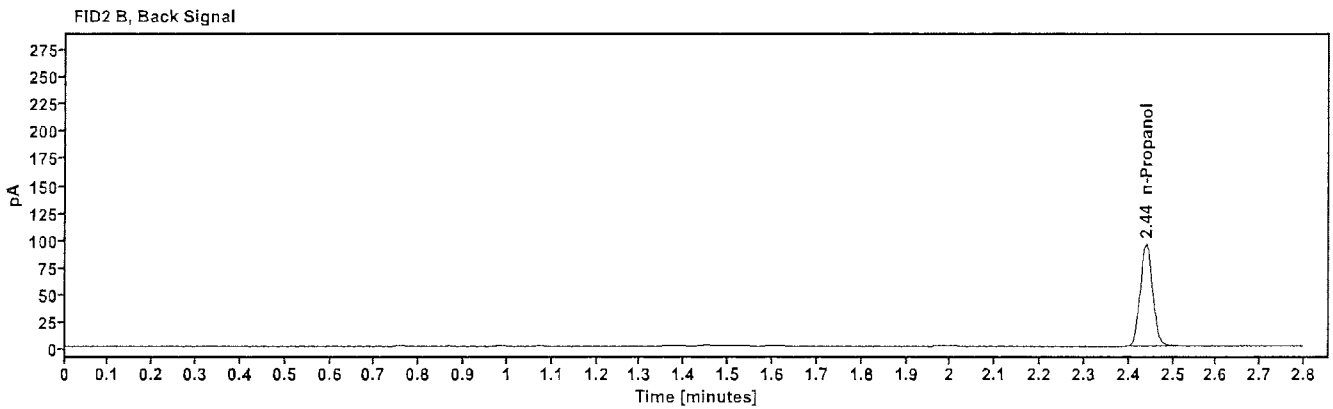
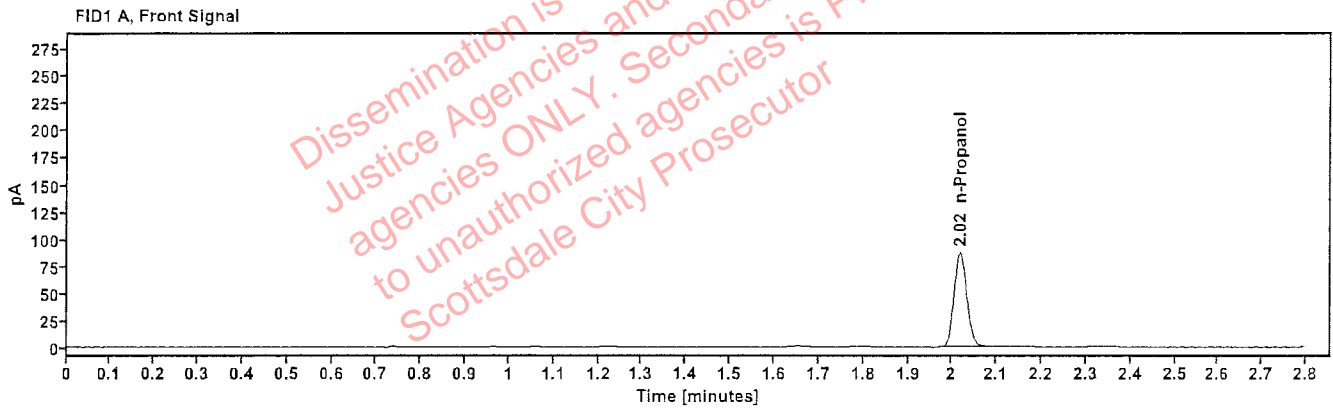


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.018	172.647

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

Compound	Time (min)	Peak Area
n-Propanol	2.439	188.063

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 12Mar24
Instrument: US14173023 CN14160045	Injection date: 3/12/2024 4:35:58 PM
Data file: C:\Chem32\1\Data\12Mar24\6.D	Analyst: Abbott

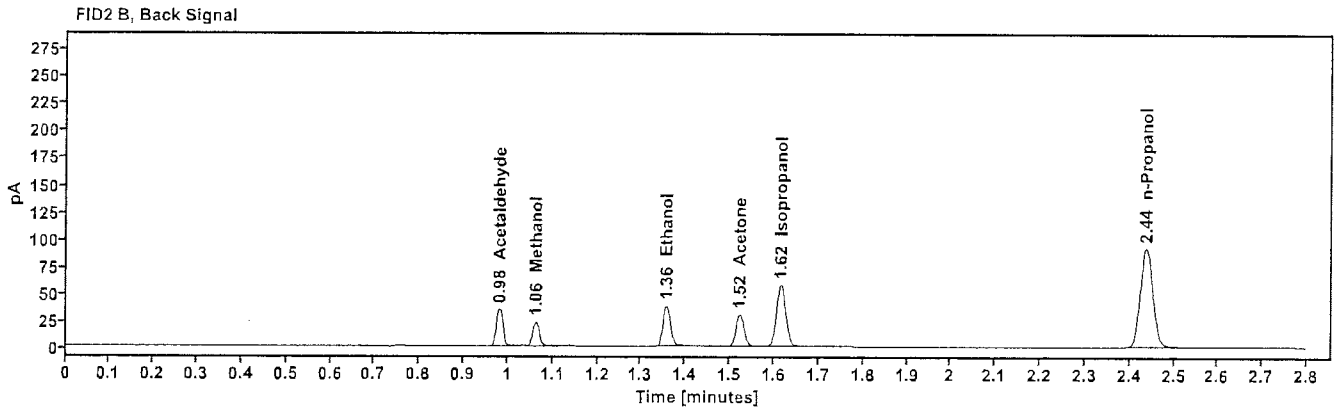
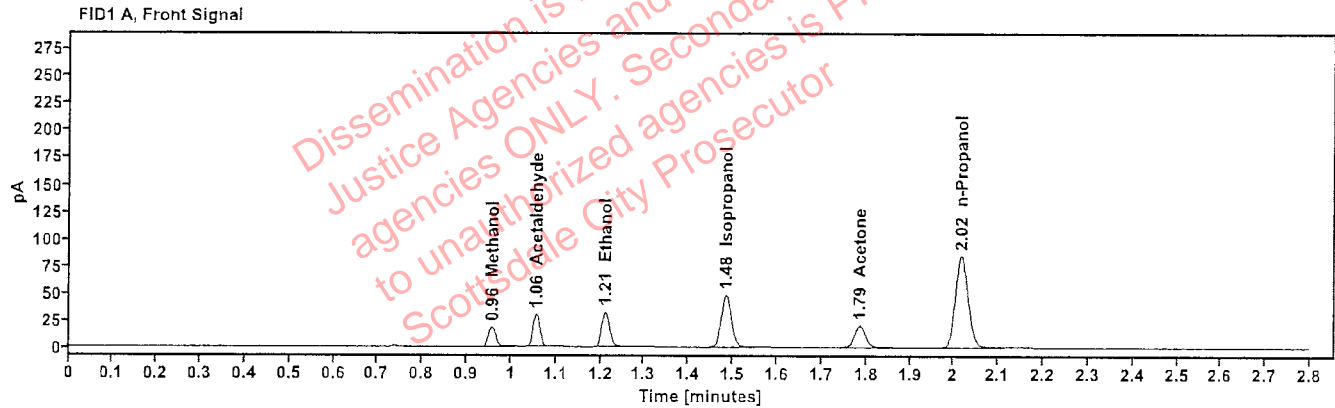


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.957	20.835
Acetaldehyde	-----	1.055	32.890
>Ethanol	0.0716	1.211	41.358
Isopropanol	-----	1.484	76.612
Acetone	-----	1.785	34.874
n-Propanol	-----	2.017	168.099

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.981	36.839
Methanol	1.062	23.146
Ethanol	1.357	45.439
Acetone	1.523	38.320
Isopropanol	1.616	84.509
n-Propanol	2.438	182.511

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 30012020-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 12Mar24
Instrument: US14173023 CN14160045	Injection date: 3/12/2024 4:40:12 PM
Data file: C:\Chem32\1\Data\12Mar24\7.D	Analyst: Abbott

Abbott

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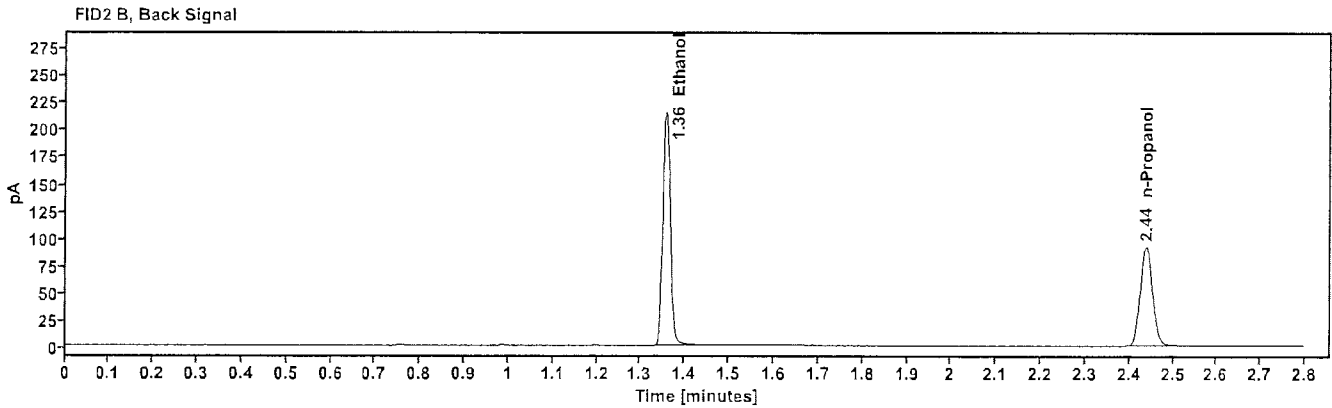
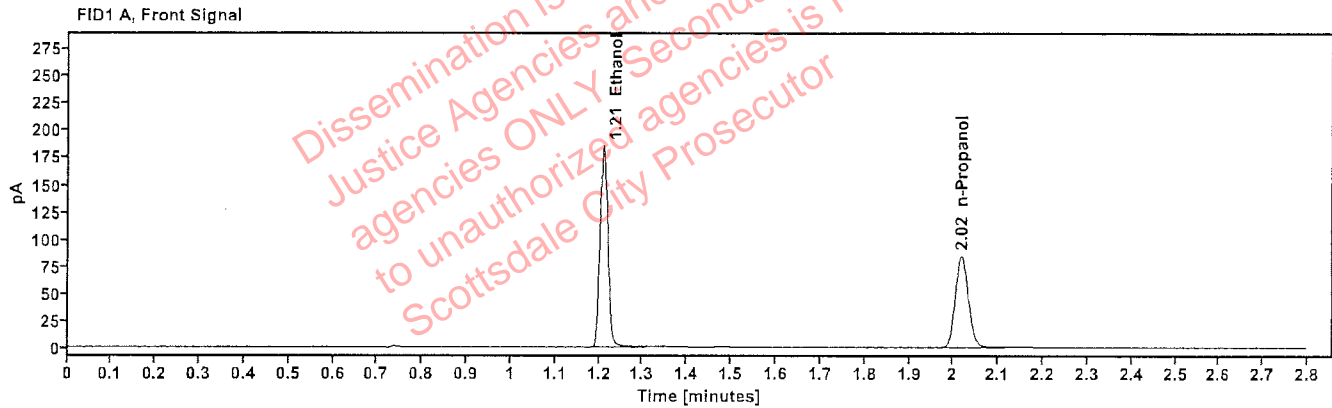


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3996	1.210	233.711
n-Propanol	-----	2.018	167.451

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

Compound	Time (min)	Peak Area
Ethanol	1.357	257.651
n-Propanol	2.439	181.884

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 12Mar24
Instrument: US14173023 CN14160045	Injection date: 3/12/2024 4:44:12 PM
Data file: C:\Chem32\1\Data\12Mar24\8.D	Analyst: Abbott

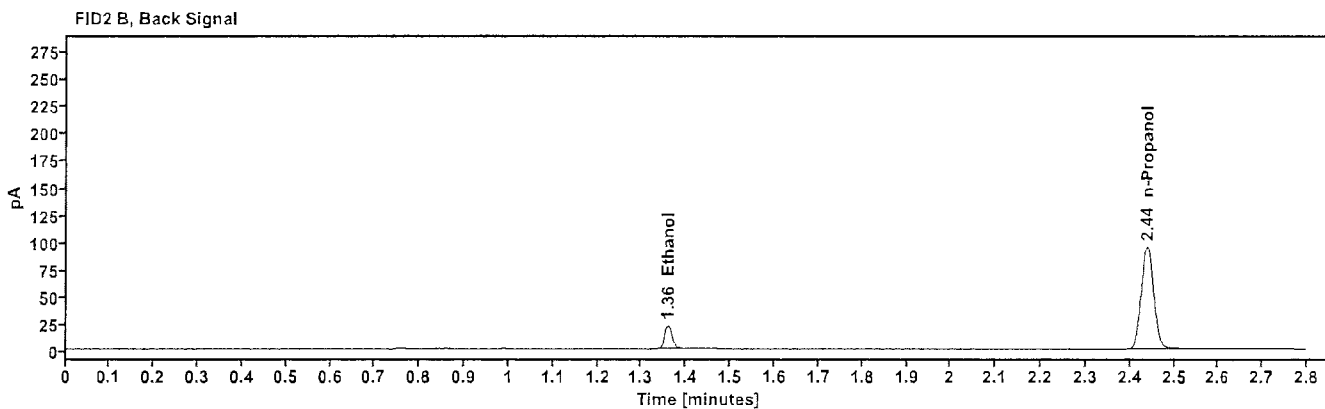
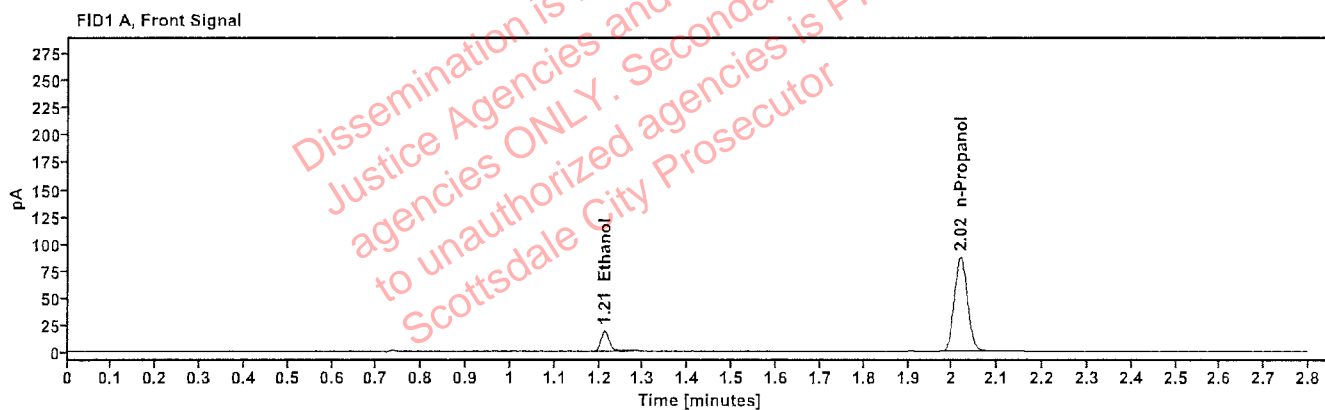


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0410	1.212	24.102
n-Propanol	-----	2.018	173.421

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

Compound	Time (min)	Peak Area
Ethanol	1.359	26.314
n-Propanol	2.439	188.500

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/11	Vial: 9
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 12Mar24
Instrument: US14173023 CN14160045	Injection date: 3/12/2024 4:48:12 PM
Data file: C:\Chem32\1\Data\12Mar24\9.D	Analyst: Abbott

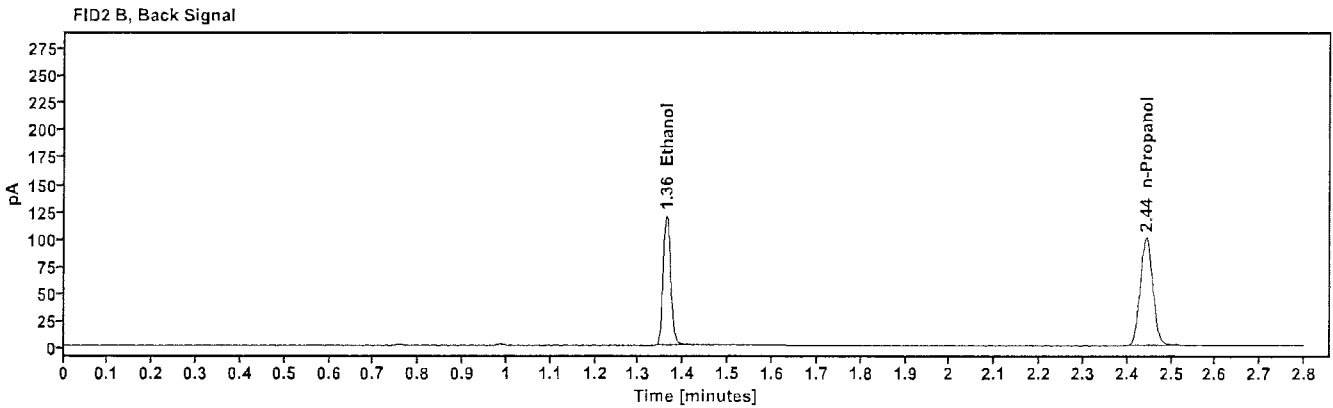
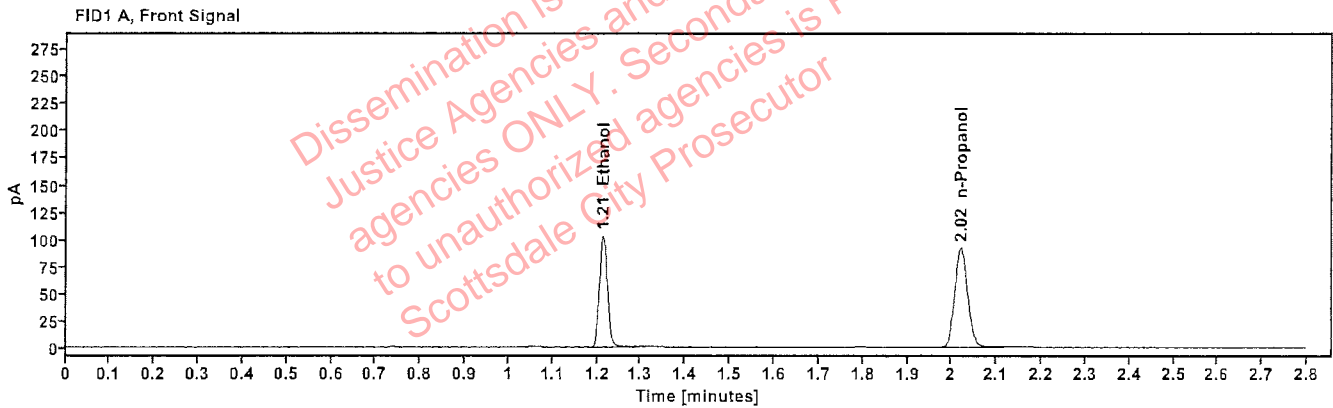


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2058	1.213	131.136
n-Propanol	-----	2.020	183.077

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

Compound	Time (min)	Peak Area
Ethanol	1.362	144.029
n-Propanol	2.443	198.826

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 12Mar24
Instrument: US14173023 CN14160045	Injection date: 3/12/2024 5:32:42 PM
Data file: C:\Chem32\1\Data\12Mar24\20.D	Analyst: Abbott

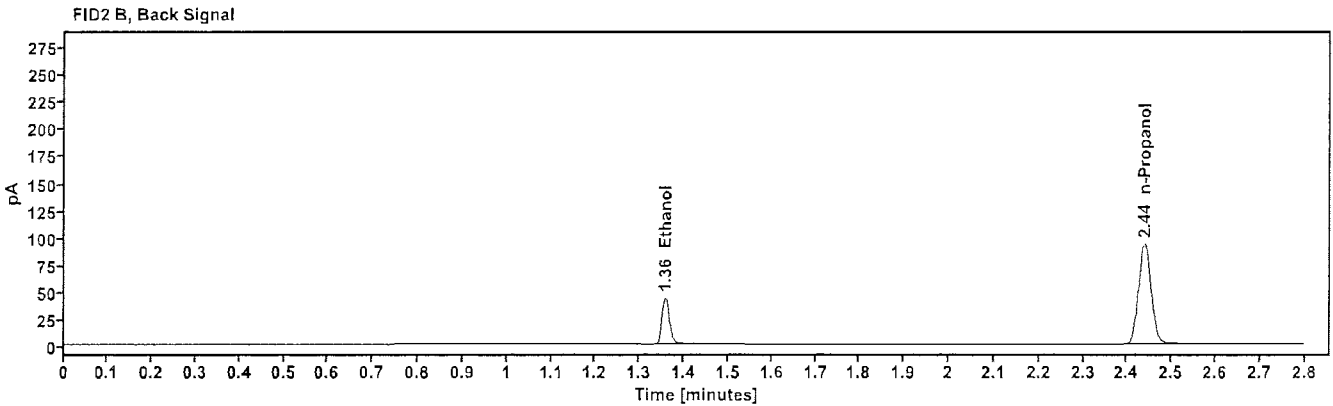
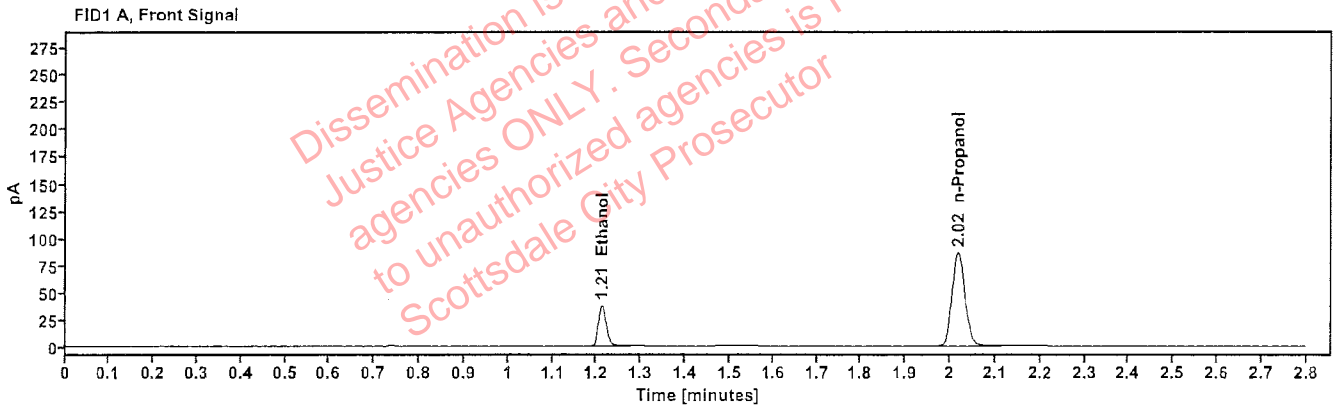


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0805	1.211	47.411
n-Propanol	-----	2.018	170.919

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

Compound	Time (min)	Peak Area
Ethanol	1.358	51.986
n-Propanol	2.439	185.455

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 12Mar24
Instrument: US14173023 CN14160045	Injection date: 3/12/2024 6:17:12 PM
Data file: C:\Chem32\1\Data\12Mar24\31.D	Analyst: Abbott

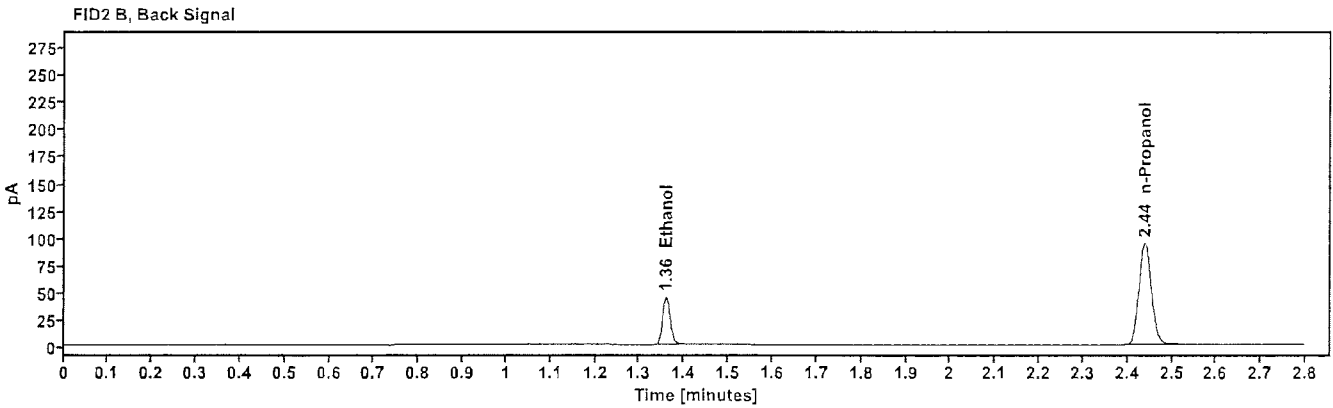
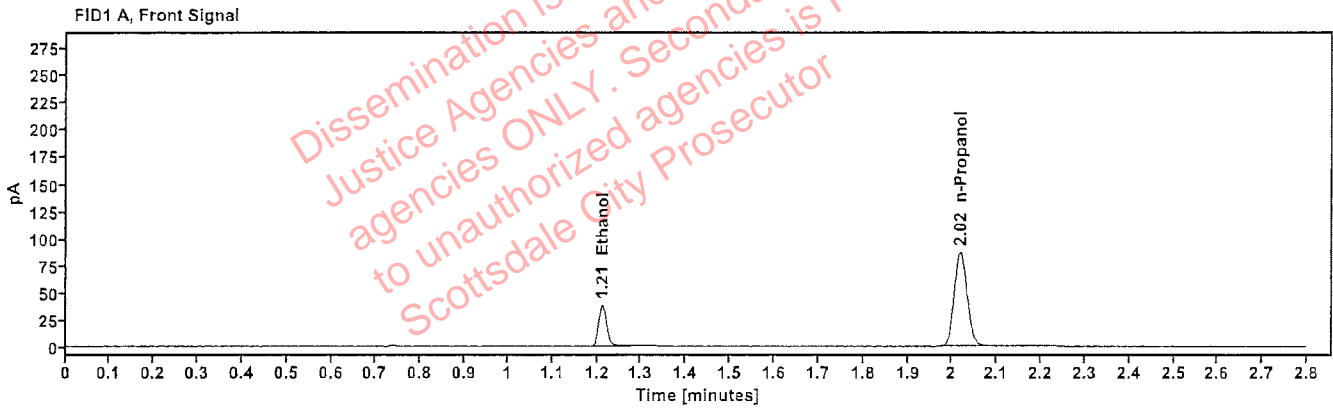


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0810	1.212	48.335
n-Propanol	-----	2.018	173.155

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

Compound	Time (min)	Peak Area
Ethanol	1.359	52.948
n-Propanol	2.440	187.489

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	30012020-A	Vial:	42
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 7:01:29 PM
Data file:	C:\Chem32\1\Data\12Mar24\42.D	Analyst:	Abbott

JA

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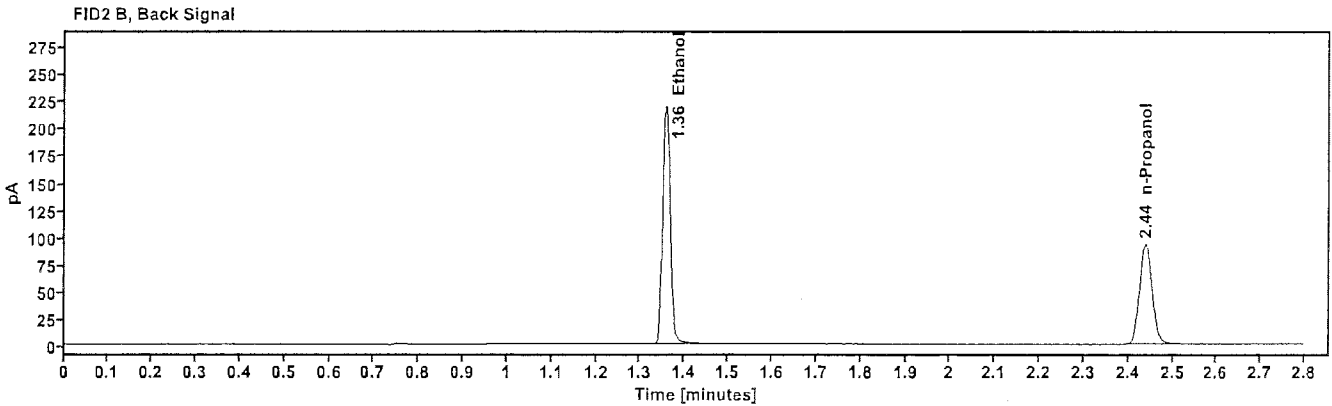
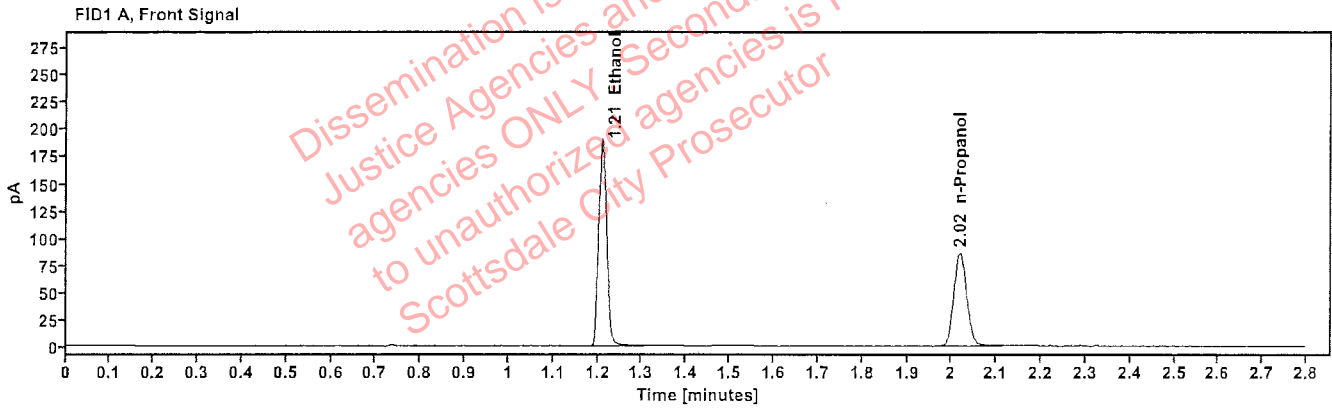


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4037	1.210	240.863
n-Propanol	-----	2.018	170.853

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

Compound	Time (min)	Peak Area
Ethanol	1.358	265.402
n-Propanol	2.439	185.475

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 43
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 12Mar24
Instrument: US14173023 CN14160045	Injection date: 3/12/2024 7:05:42 PM
Data file: C:\Chem32\1\Data\12Mar24\43.D	Analyst: Abbott

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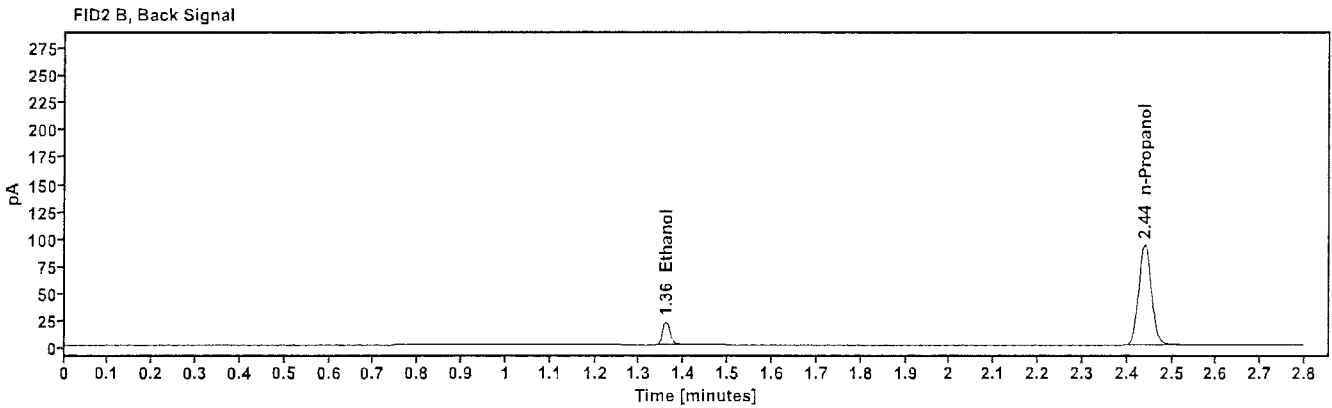
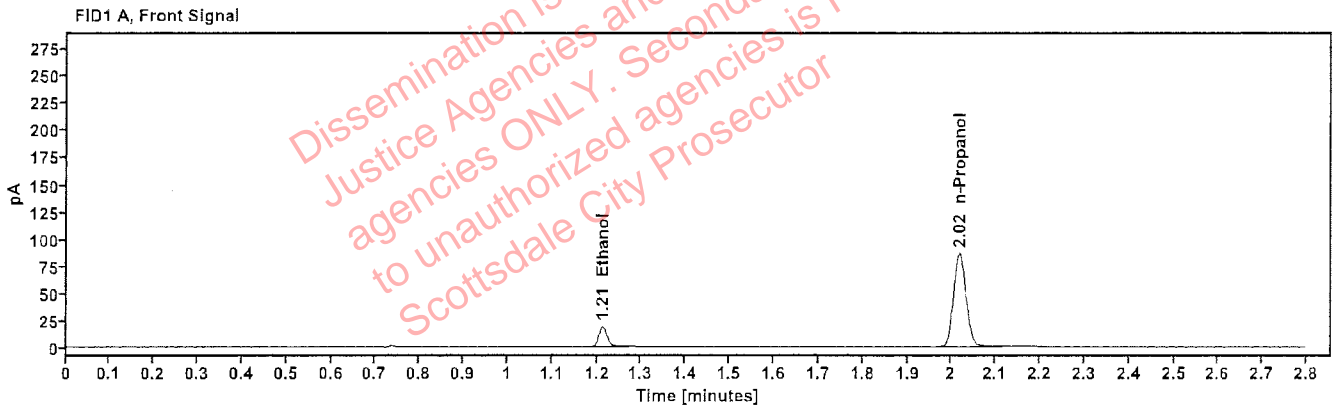


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0413	1.212	23.947
n-Propanol	-----	2.018	171.126

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

Compound	Time (min)	Peak Area
Ethanol	1.359	26.139
n-Propanol	2.439	185.362

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/11	Vial: 44
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 12Mar24
Instrument: US14173023 CN14160045	Injection date: 3/12/2024 7:09:42 PM
Data file: C:\Chem32\1\Data\12Mar24\44.D	Analyst: Abbott

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JK

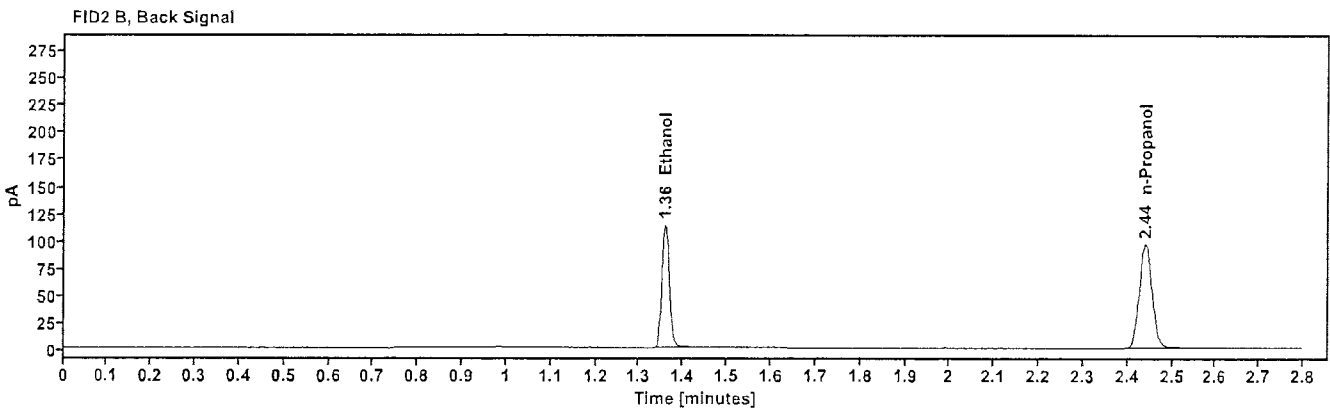
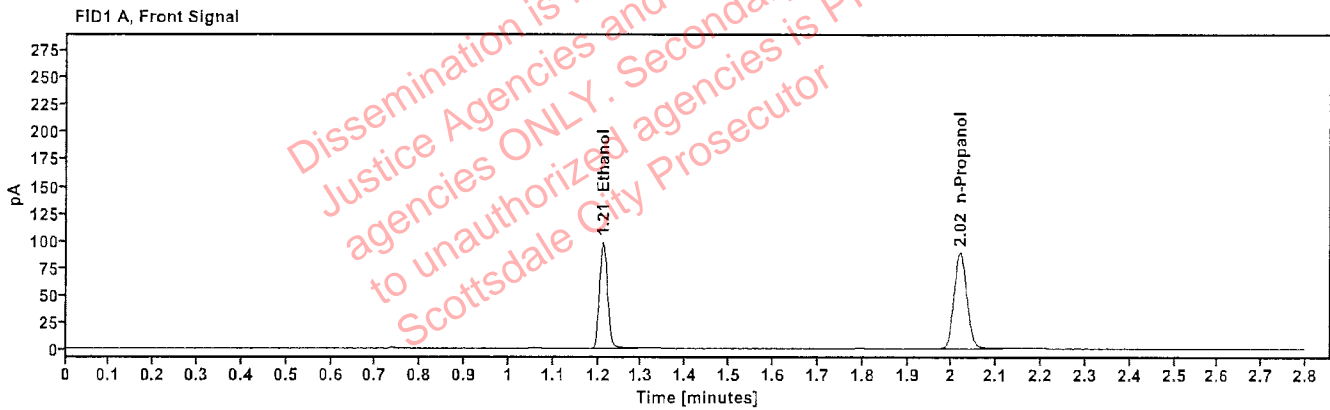


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2021	1.211	124.221
n-Propanol	-----	2.019	176.604

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

Compound	Time (min)	Peak Area
Ethanol	1.359	136.068
n-Propanol	2.440	191.657

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 010524AQ	Vial: 45
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 12Mar24
Instrument: US14173023 CN14160045	Injection date: 3/12/2024 7:13:42 PM
Data file: C:\Chem32\1\Data\12Mar24\45.D	Analyst: Abbott

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A

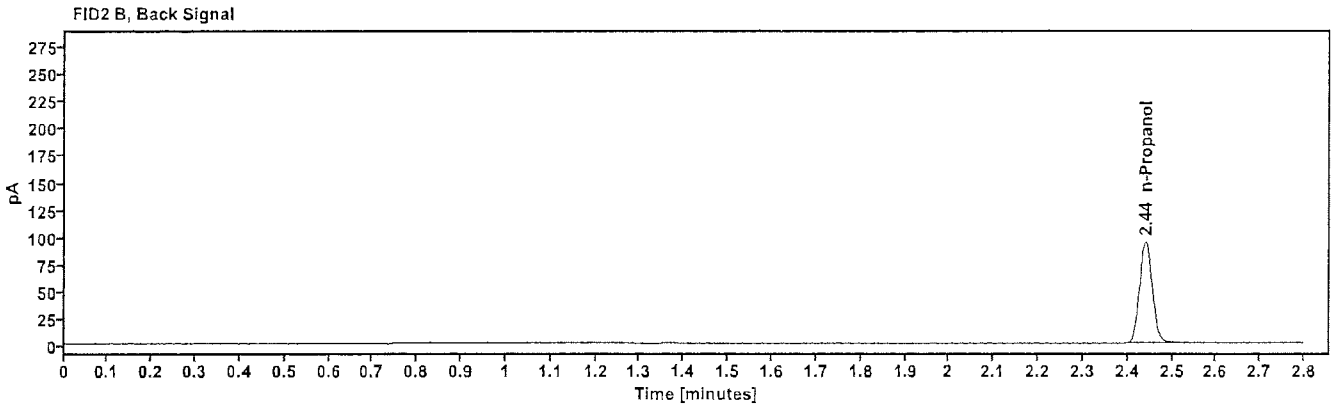
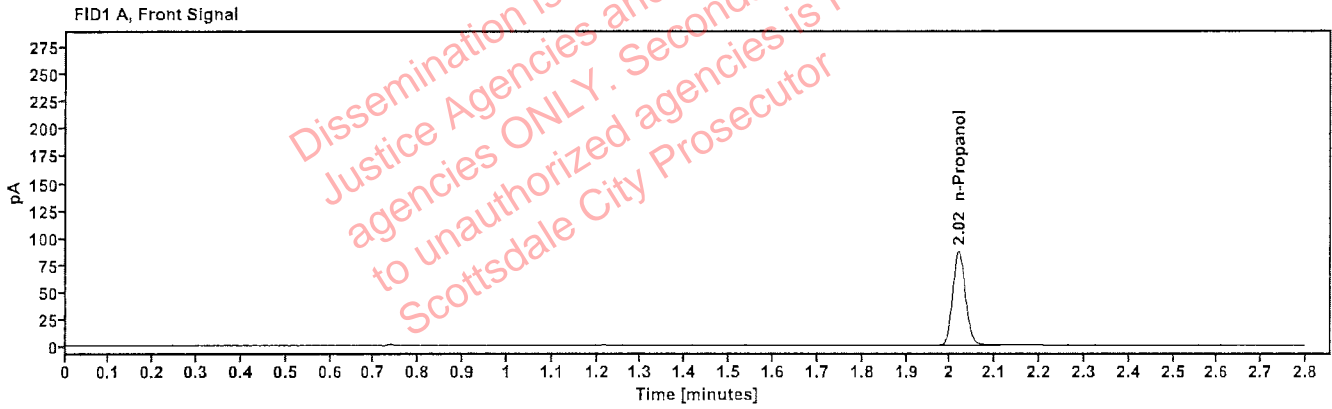


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.019	172.684

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

Compound	Time (min)	Peak Area
n-Propanol	2.441	187.415

Sequence Summary

Sequence name: 12Mar24 Instrument: US14173023 CN14160045 Analyst: Abbott *JA*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN03122113		Calibration		ethanol quant.M
2	FN03072301		Calibration		ethanol quant.M
3	FN03132302		Calibration		ethanol quant.M
4	FN03052102		Calibration		ethanol quant.M
5	011823WB	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	30012020-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4110320133/11	0.199	Control		ethanol quant.M
10	1237028		Sample		ethanol quant.M
11	1237028		Sample		ethanol quant.M
12	419-01C.F.		Sample		ethanol quant.M
13	419-01C.F.		Sample		ethanol quant.M
14	433-01H.J.		Sample		ethanol quant.M
15	433-01H.J.		Sample		ethanol quant.M
16	353-01V.L.		Sample		ethanol quant.M
17	353-01V.L.		Sample		ethanol quant.M
18	427-01M.L.		Sample		ethanol quant.M
19	427-01M.L.		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	2404654-1		Sample		ethanol quant.M
22	2404654-1		Sample		ethanol quant.M
23	2404655-2		Sample		ethanol quant.M
24	2404655-2		Sample		ethanol quant.M
25	2404752-1		Sample		ethanol quant.M
26	2404752-1		Sample		ethanol quant.M
27	2404754-1		Sample		ethanol quant.M
28	2404754-1		Sample		ethanol quant.M
29	2404896-1		Sample		ethanol quant.M
30	2404896-1		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	2401822-2		Sample		ethanol quant.M
33	2401822-2		Sample		ethanol quant.M
34	2405043-1		Sample		ethanol quant.M
35	2405043-1		Sample		ethanol quant.M
36	2405046-1		Sample		ethanol quant.M
37	2405046-1		Sample		ethanol quant.M
38	2405049-1		Sample		ethanol quant.M
39	2405049-1		Sample		ethanol quant.M
40	2405087-1		Sample		ethanol quant.M
41	2405087-1		Sample		ethanol quant.M
42	30012020-A	0.400	Control		ethanol quant.M
43	14082019-B	0.040	Control		ethanol quant.M
44	4110320133/11	0.199	Control		ethanol quant.M
45	010524AQ	Negative	Control		ethanol quant.M

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Scottsdale Police Department Crime Laboratory Summary of Cases

SEQUENCE NAME: 12Mar24

ANALYST: Abbott

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.0812	0.0812	0.08120	0.00	0.00000
12 13	0.1352	0.1390	0.13710	1.39	0.00190
14 15	0.1744	0.1749	0.17465	0.14	0.00025
16 17	0.0915	0.0918	0.09165	0.16	0.00015
18 19	0.1221	0.1211	0.12160	0.41	0.00050
21 22	0.1587	0.1583	0.15850	0.13	0.00020
23 24	0.0758	0.0768	0.07630	0.66	0.00050
25 26	0.0788	0.0789	0.07885	0.06	0.00005
27 28	0.2338	0.2303	0.23205	0.75	0.00175
29 30	0.2049	0.2036	0.20425	0.32	0.00065
32 33	0.2551	0.2545	0.25480	0.12	0.00030
34 35	0.1980	0.1983	0.19815	0.08	0.00015
36 37	0.2342	0.2332	0.23370	0.21	0.00050
38 39	0.1030	0.1052	0.10410	1.06	0.00110
40 41	0.3277	0.3274	0.32755	0.05	0.00015

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1237028	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 4:52:13 PM
Data file:	C:\Chem32\1\Data\12Mar24\10.D	Analyst:	Abbott

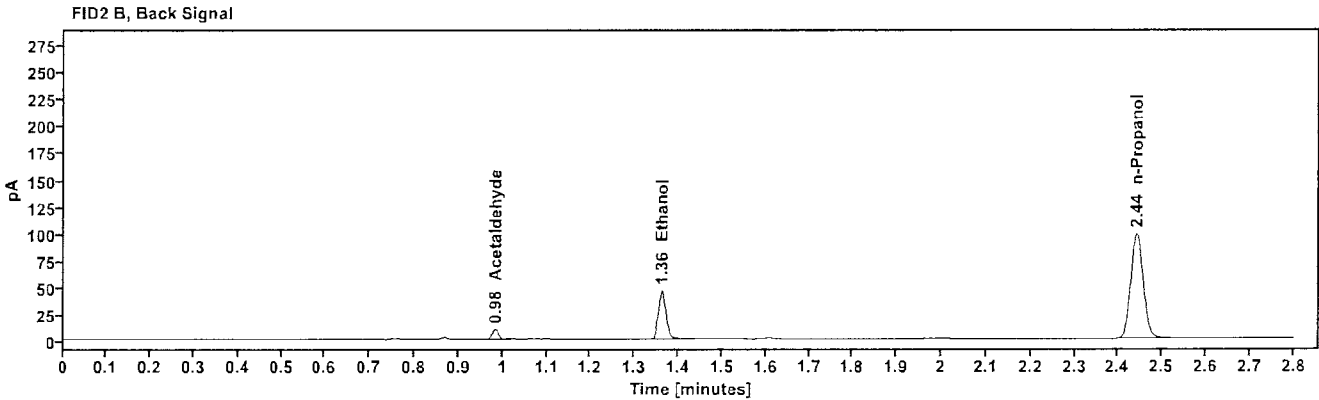
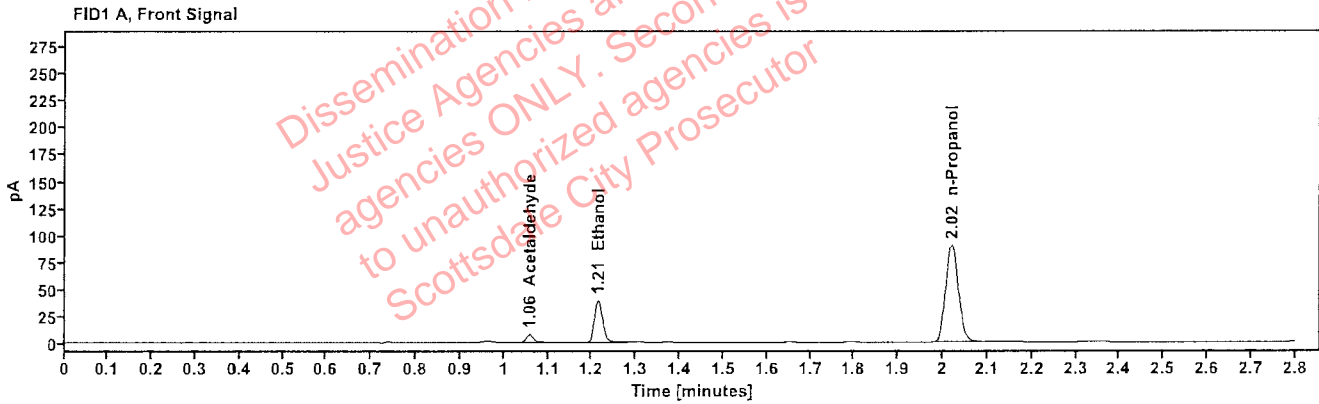


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.058	7.961
>Ethanol	0.0812	1.214	50.077
n-Propanol	-----	2.020	178.969

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.984	8.933
Ethanol	1.362	55.467
n-Propanol	2.442	194.809

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1237028	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 4:56:13 PM
Data file:	C:\Chem32\1\Data\12Mar24\11.D	Analyst:	Abbott

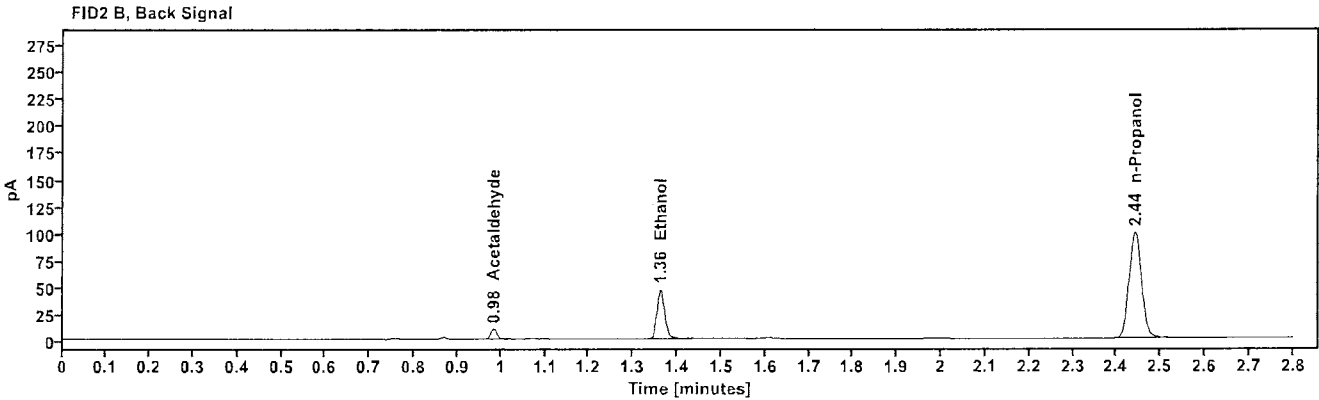
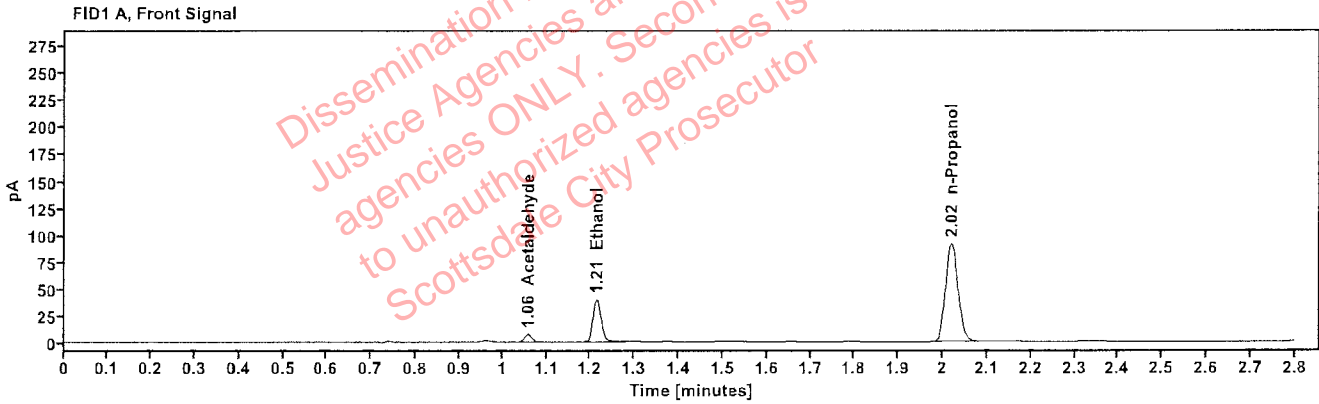


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.058	7.951
>Ethanol	0.0812	1.213	50.801
n-Propanol	-----	2.020	181.552

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.983	8.934
Ethanol	1.362	56.318
n-Propanol	2.442	197.482

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	419-01C.F.	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 5:00:13 PM
Data file:	C:\Chem32\1\Data\12Mar24\12.D	Analyst:	Abbott

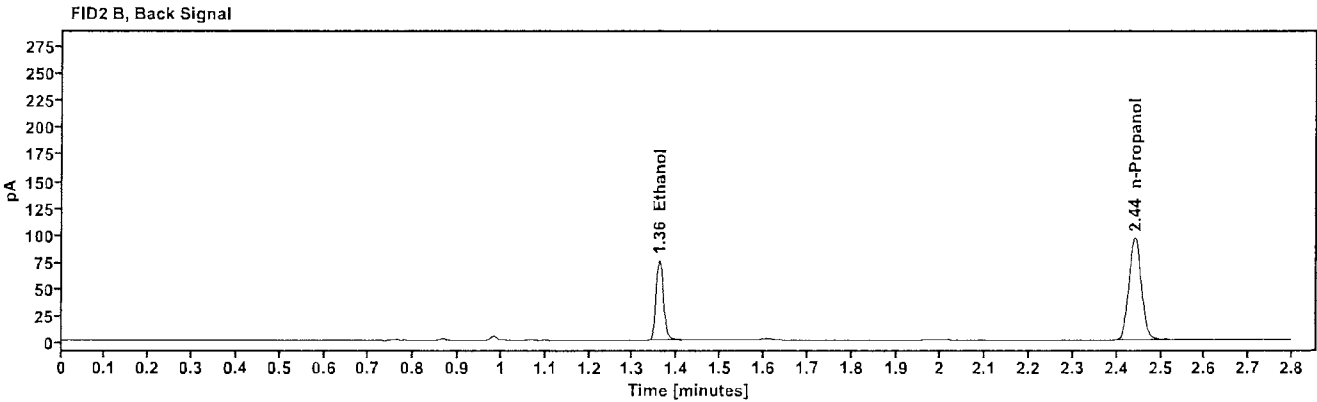
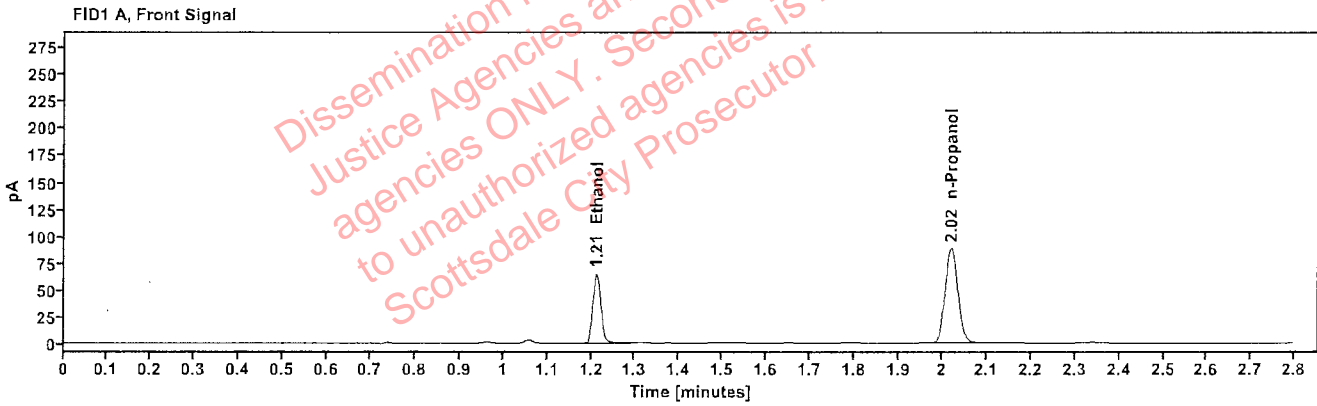


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1352	1.212	82.365
n-Propanol	-----	2.019	175.580

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

Compound	Time (min)	Peak Area
Ethanol	1.360	90.345
n-Propanol	2.441	191.000

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	419-01C.F.	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 5:04:27 PM
Data file:	C:\Chem32\1\Data\12Mar24\13.D	Analyst:	Abbott

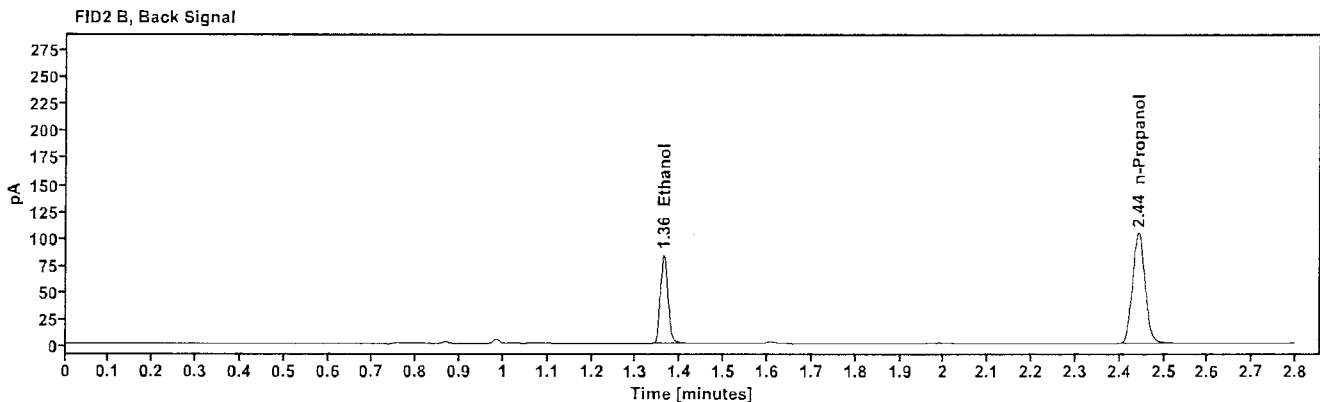
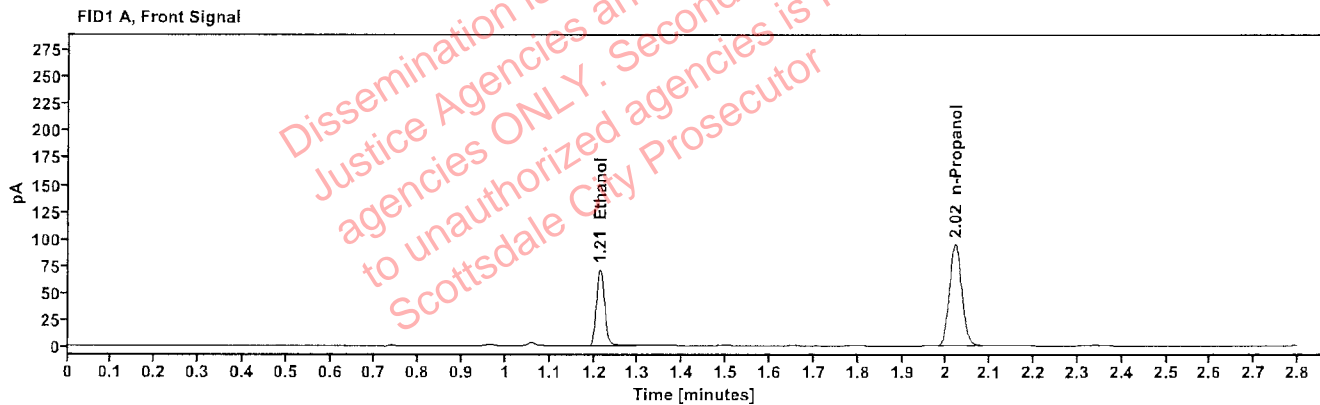


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1390	1.213	91.105
n-Propanol	-----	2.020	188.836

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

Compound	Time (min)	Peak Area
Ethanol	1.362	100.047
n-Propanol	2.443	205.305

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	433-01H.J.	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 5:08:27 PM
Data file:	C:\Chem32\1\Data\12Mar24\14.D	Analyst:	Abbott

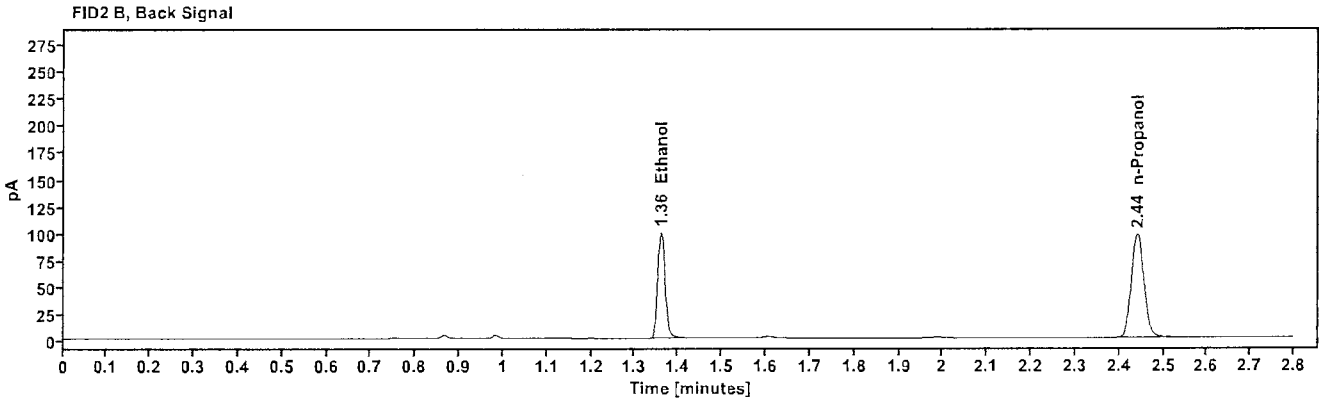
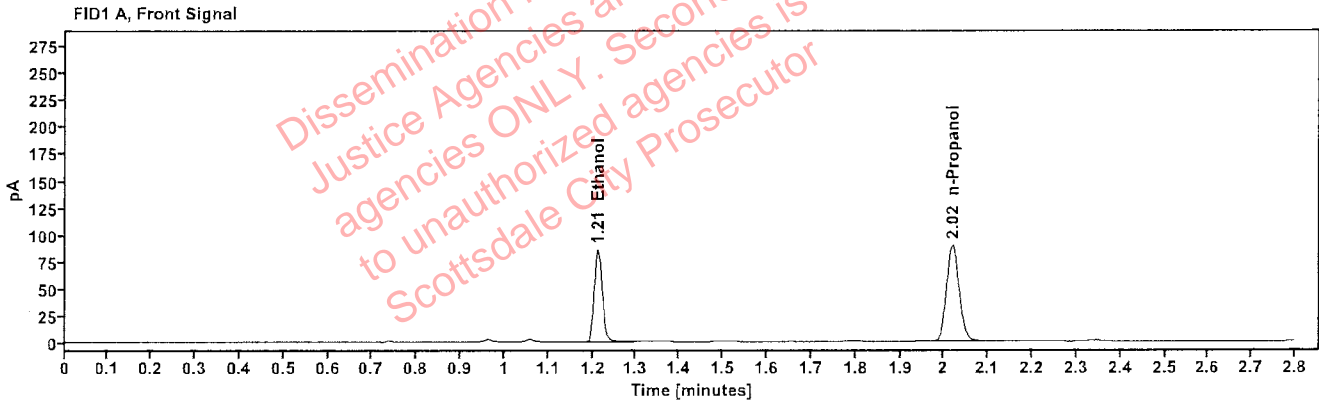


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1744	1.212	108.580
n-Propanol	-----	2.019	179.033

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

Compound	Time (min)	Peak Area
Ethanol	1.360	119.326
n-Propanol	2.441	192.830

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	433-01H.J.	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 5:12:27 PM
Data file:	C:\Chem32\1\Data\12Mar24\15.D	Analyst:	Abbott

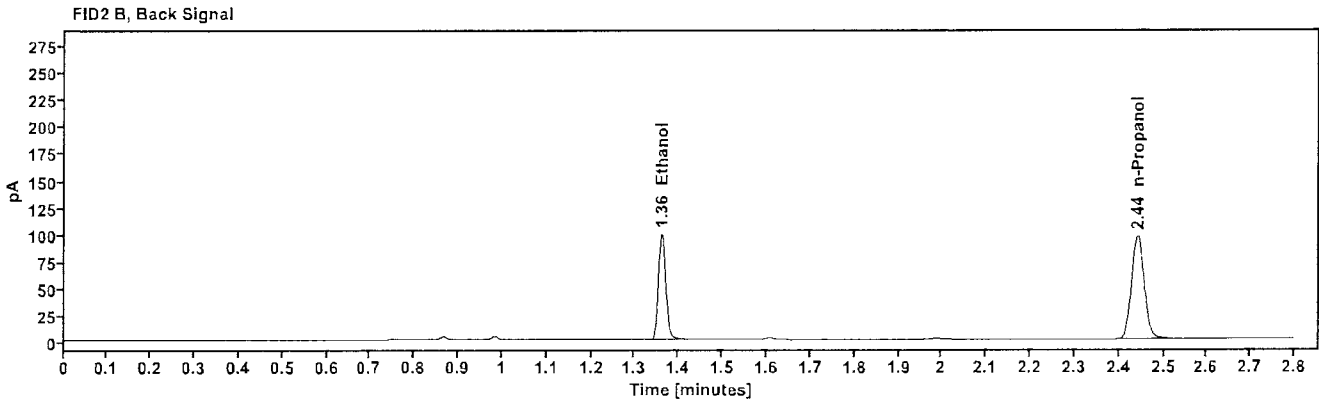
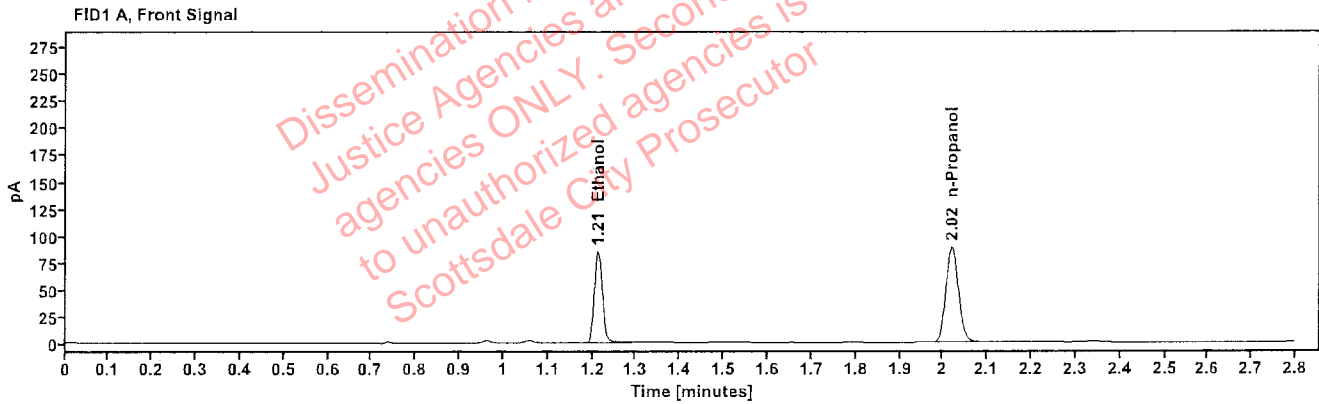


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1749	1.213	108.262
n-Propanol	-----	2.020	177.990

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

Compound	Time (min)	Peak Area
Ethanol	1.361	118.925
n-Propanol	2.442	191.716

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	353-01V.L.	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 5:16:28 PM
Data file:	C:\Chem32\1\Data\12Mar24\16.D	Analyst:	Abbott

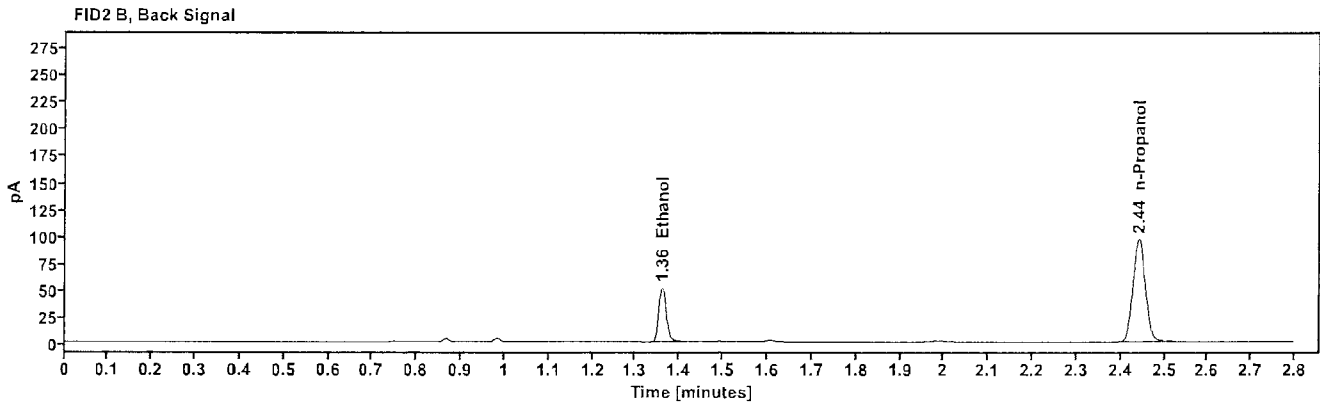
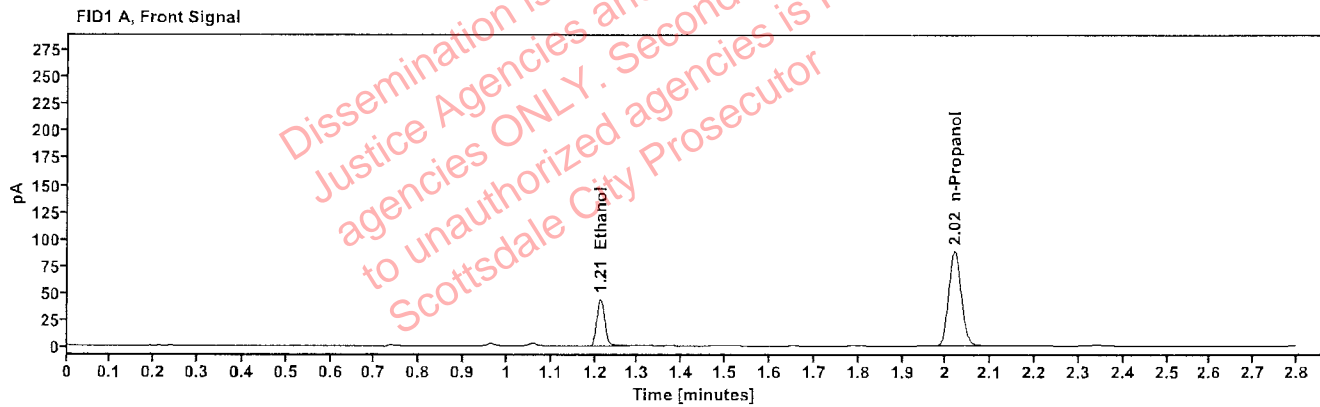


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0915	1.213	56.045
n-Propanol	-----	2.019	177.399

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

Compound	Time (min)	Peak Area
Ethanol	1.360	61.582
n-Propanol	2.441	191.894

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	353-01V.L.	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 5:20:27 PM
Data file:	C:\Chem32\1\Data\12Mar24\17.D	Analyst:	Abbott

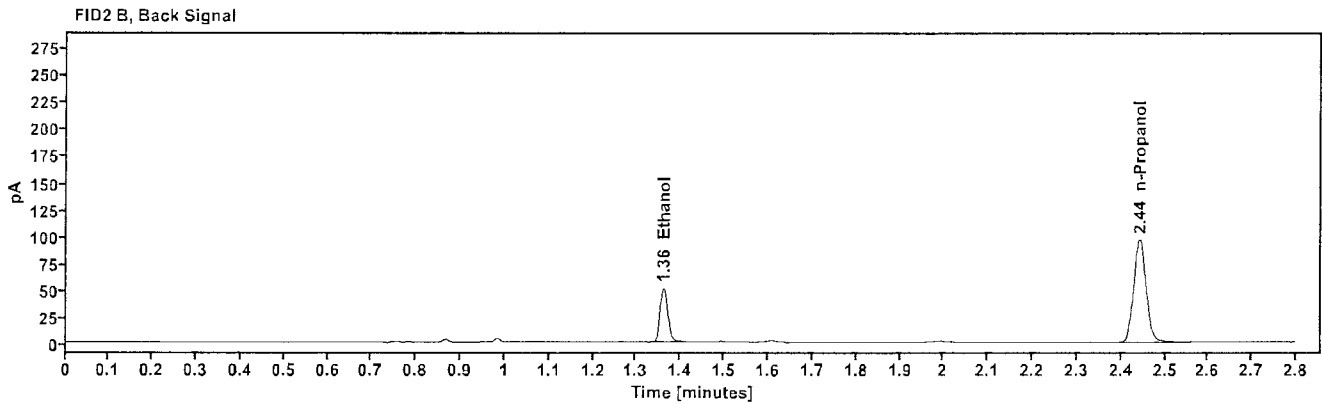
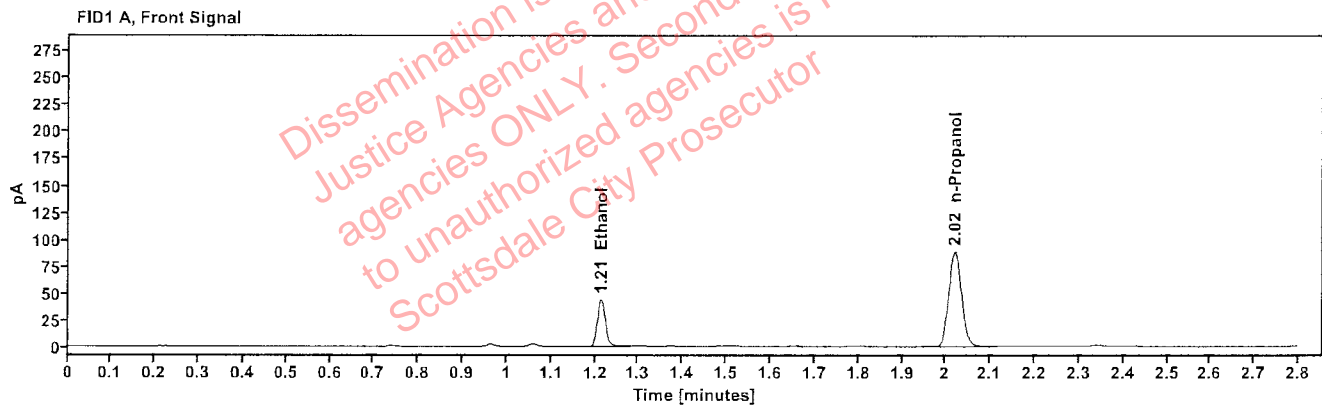


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0918	1.213	55.998
n-Propanol	-----	2.020	176.658

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

Compound	Time (min)	Peak Area
Ethanol	1.362	61.580
n-Propanol	2.442	191.095

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	427-01M.L.	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 5:24:28 PM
Data file:	C:\Chem32\1\Data\12Mar24\18.D	Analyst:	Abbott

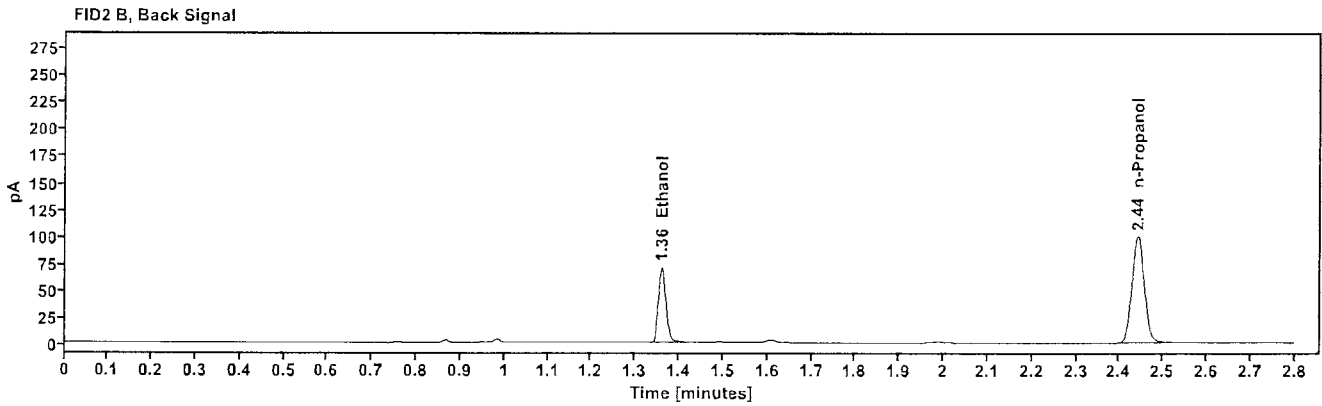
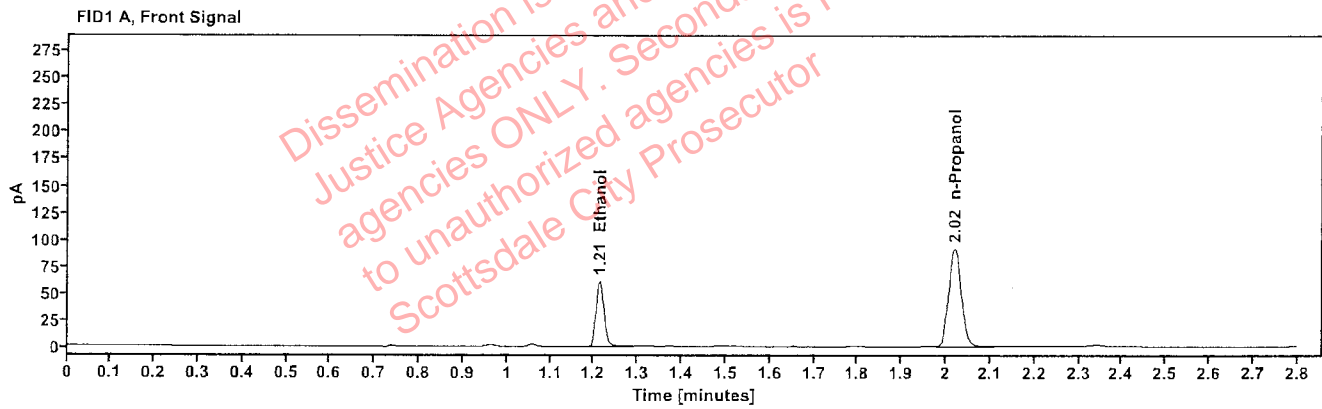


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1221	1.213	77.381
n-Propanol	-----	2.020	182.829

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

Compound	Time (min)	Peak Area
Ethanol	1.361	85.043
n-Propanol	2.442	197.865

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	427-01M.L.	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 5:28:42 PM
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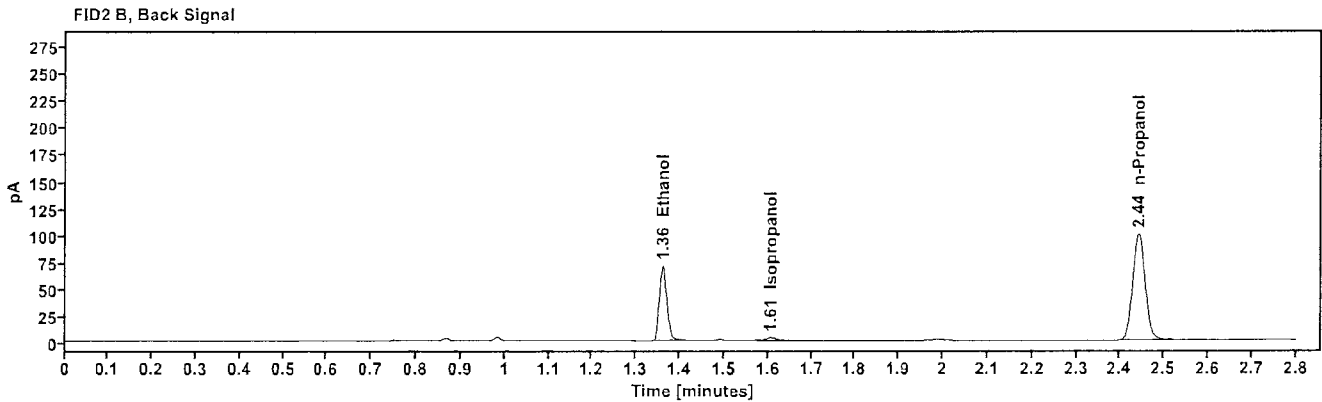
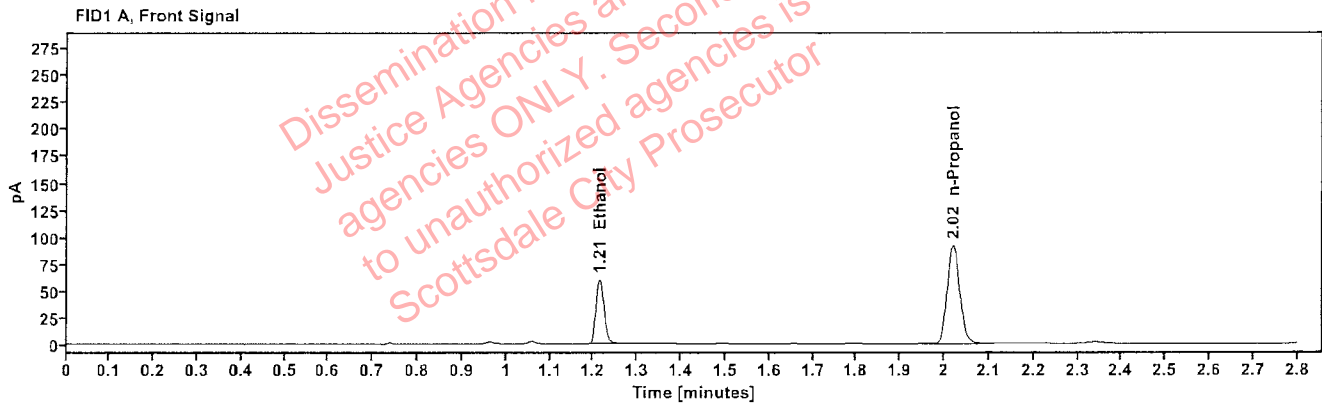


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1211	1.213	77.017
n-Propanol	-----	2.020	183.518

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

Compound	Time (min)	Peak Area
Ethanol	1.361	84.754
Isopropanol	1.606	3.865
n-Propanol	2.442	197.360

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2404654-1	Vial:	21
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 5:36:42 PM
Data file:	C:\Chem32\1\Data\12Mar24\21.D	Analyst:	Abbott

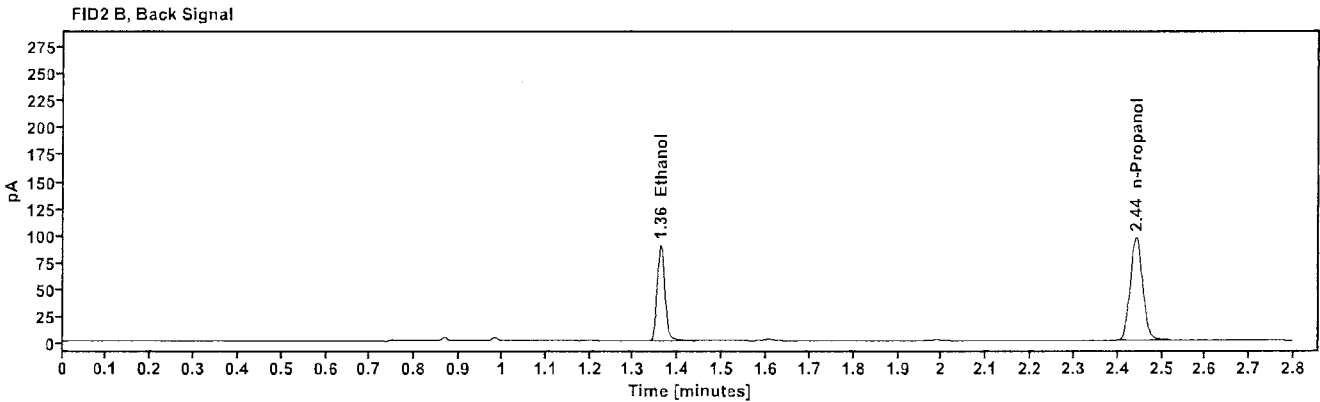
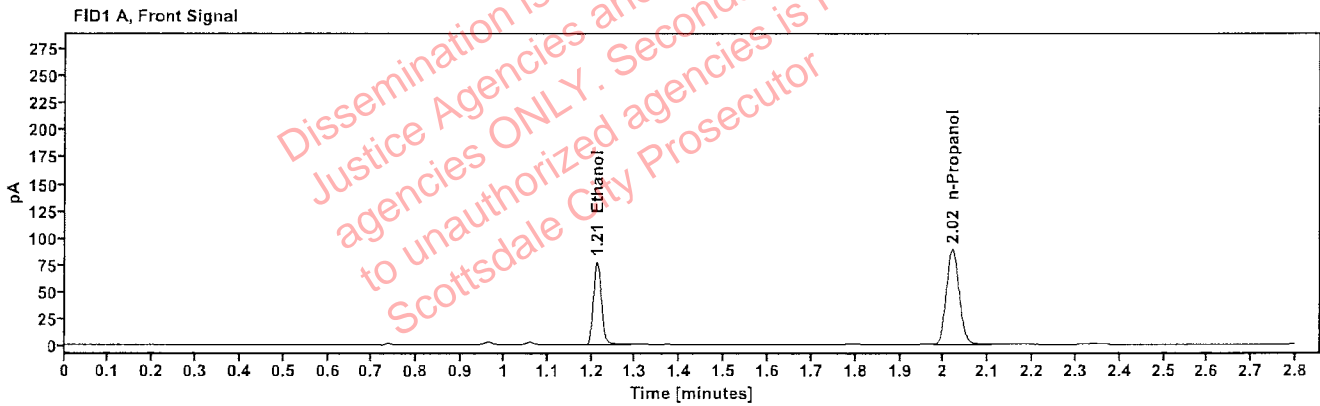


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1587	1.213	97.900
n-Propanol	-----	2.020	177.604

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

Compound	Time (min)	Peak Area
Ethanol	1.361	107.663
n-Propanol	2.442	191.798

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2404654-1	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
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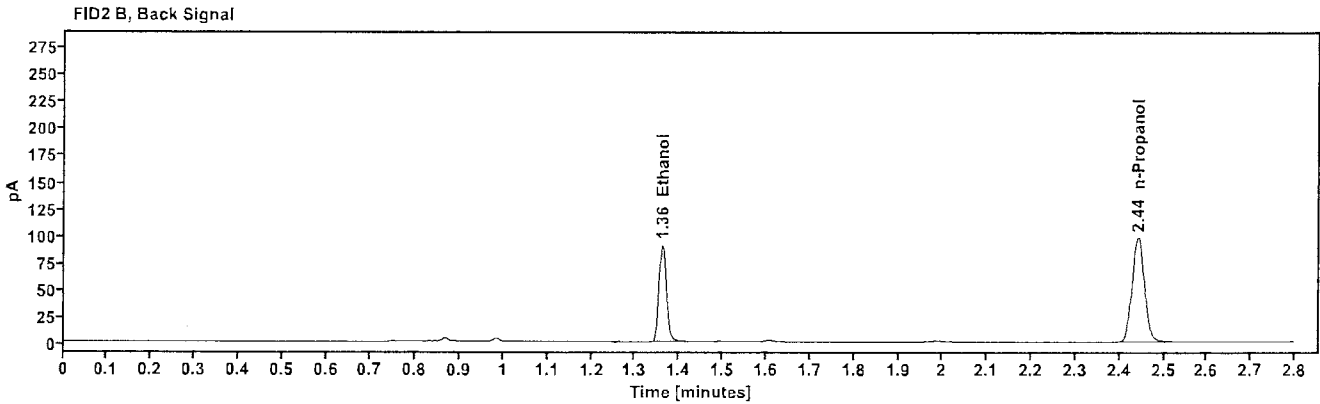
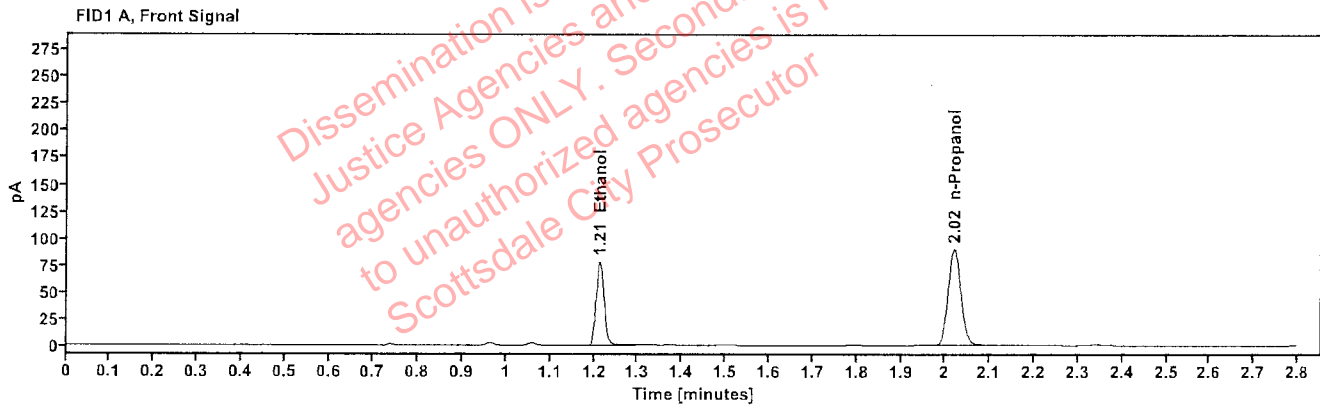


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1583	1.213	99.194
n-Propanol	-----	2.020	180.414

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

Compound	Time (min)	Peak Area
Ethanol	1.361	108.942
n-Propanol	2.442	193.989

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2404655-2	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 5:44:43 PM
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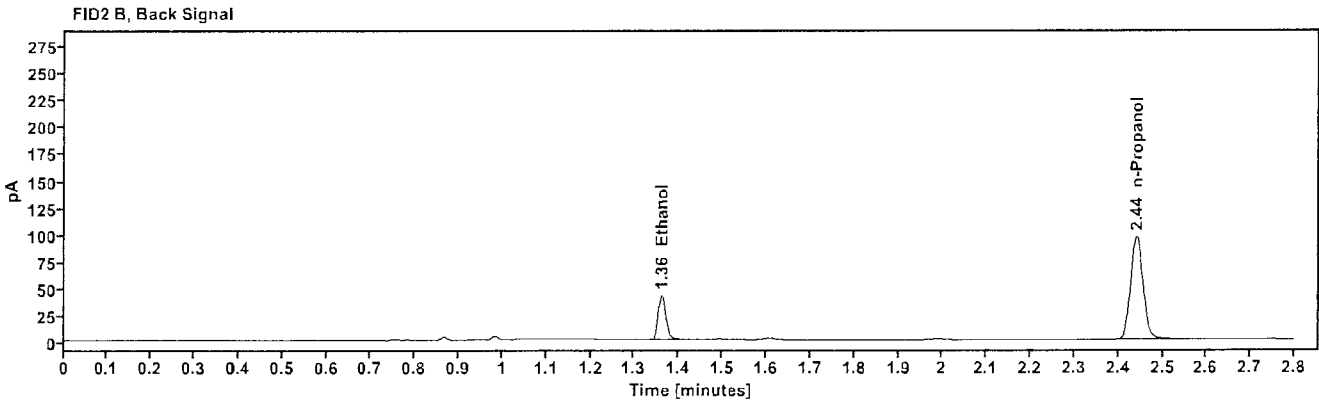
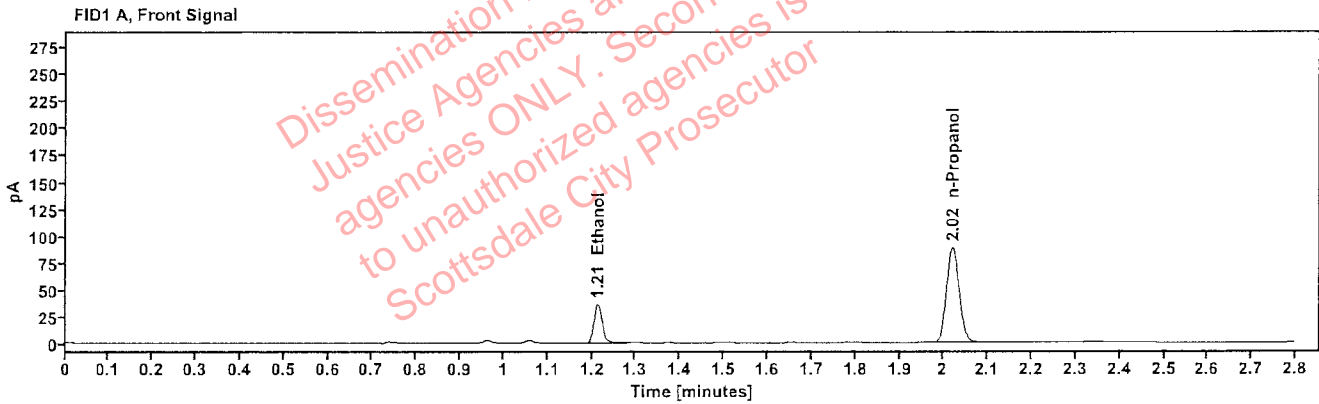


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0758	1.213	46.169
n-Propanol	-----	2.019	177.058

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

Compound	Time (min)	Peak Area
Ethanol	1.361	50.716
n-Propanol	2.441	191.861

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2404655-2	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
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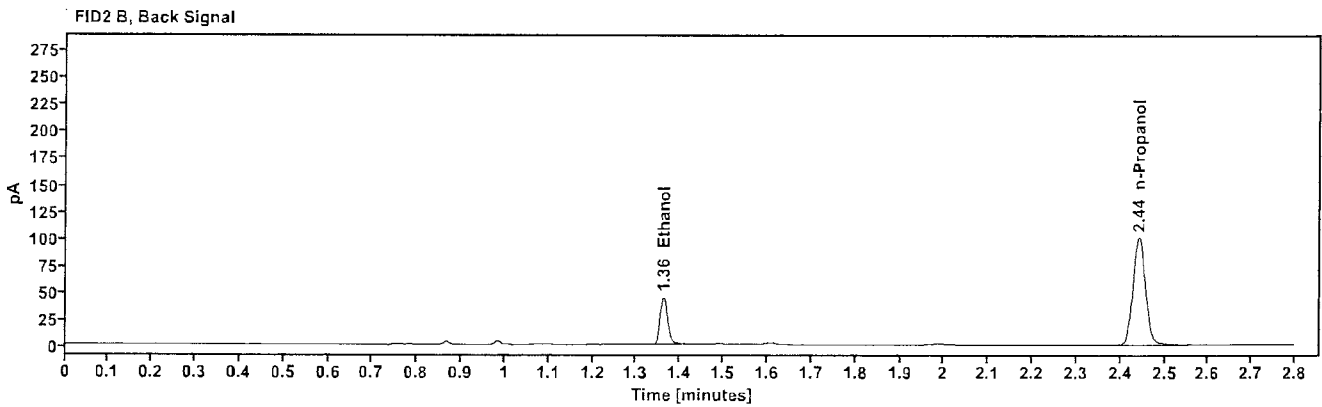
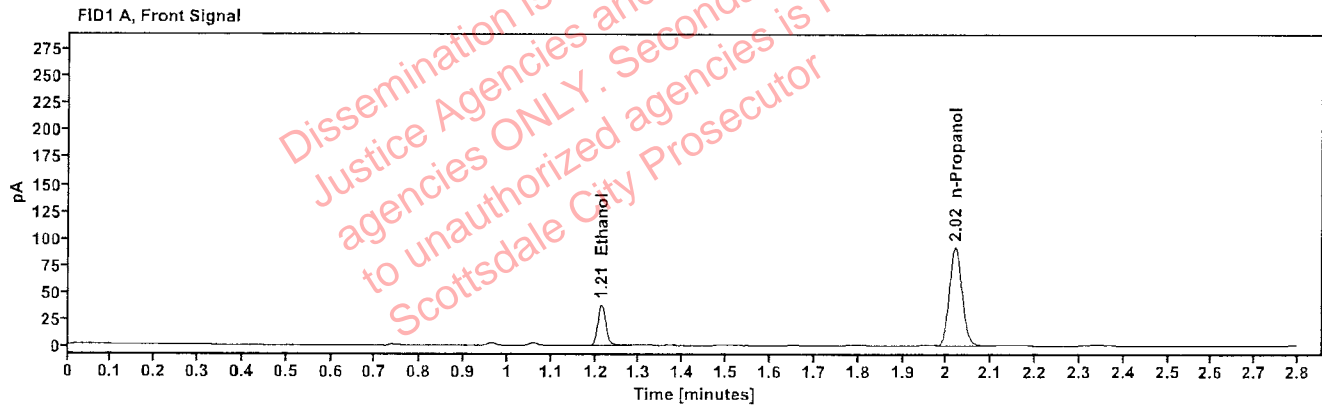


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0768	1.213	48.571
n-Propanol	-----	2.019	183.742

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

Compound	Time (min)	Peak Area
Ethanol	1.362	53.607
n-Propanol	2.442	198.762

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2404752-1	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 5:52:57 PM
Data file:	C:\Chem32\1\Data\12Mar24\25.D	Analyst:	Abbott

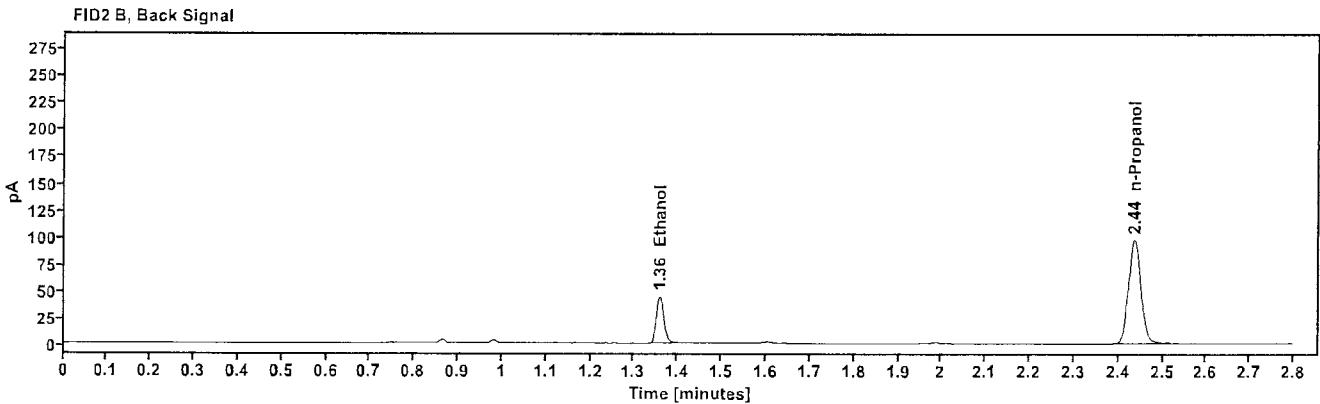
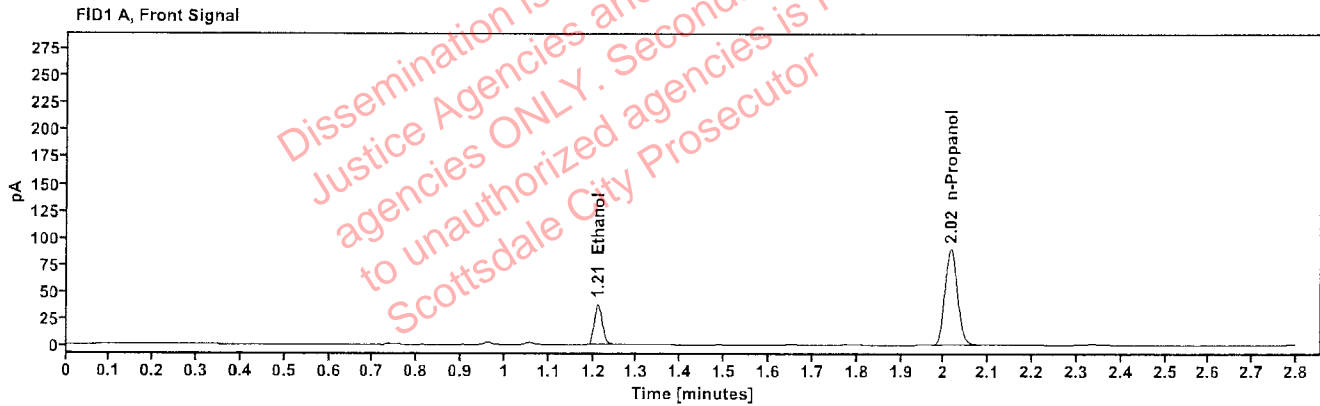


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0788	1.211	48.501
n-Propanol	-----	2.015	178.696

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

Compound	Time (min)	Peak Area
Ethanol	1.358	53.270
n-Propanol	2.436	192.690

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2404752-1	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 5:56:57 PM
Data file:	C:\Chem32\1\Data\12Mar24\26.D	Analyst:	Abbott

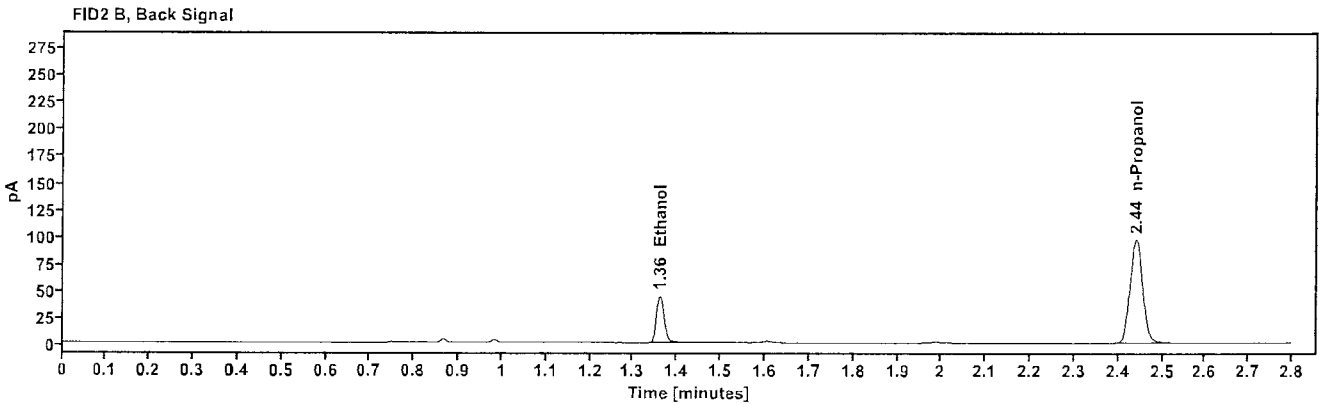
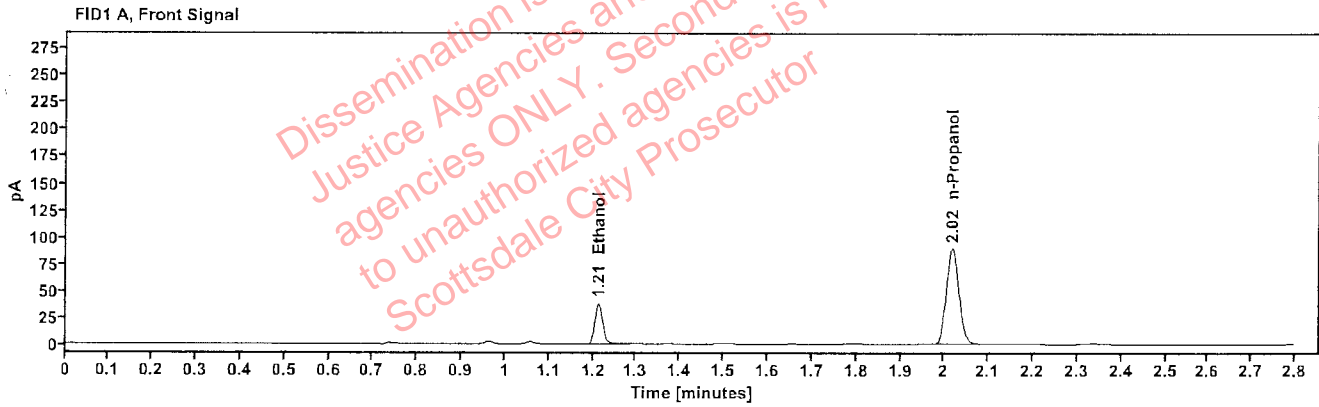


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0789	1.212	48.499
n-Propanol	-----	2.018	178.456

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

Compound	Time (min)	Peak Area
Ethanol	1.360	53.117
n-Propanol	2.440	192.510

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2404754-1	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 6:00:57 PM
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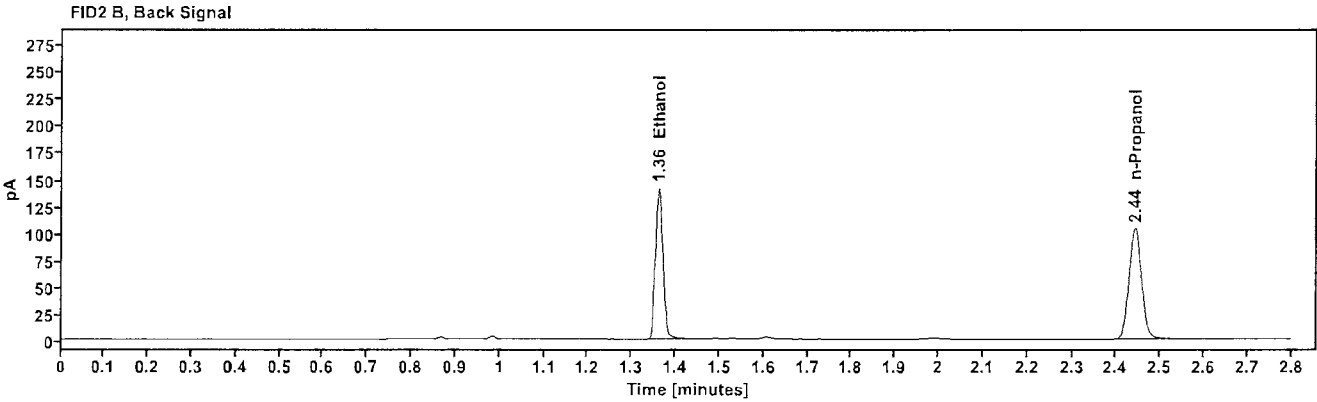
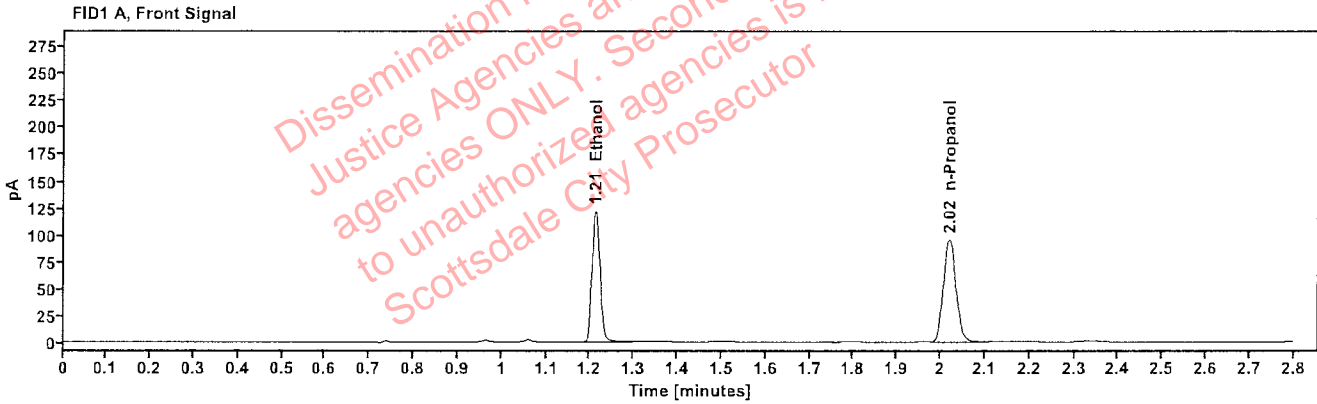


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2338	1.212	155.328
n-Propanol	-----	2.020	190.728

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

Compound	Time (min)	Peak Area
Ethanol	1.361	170.693
n-Propanol	2.442	205.730

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2404754-1	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 6:04:58 PM
Data file:	C:\Chem32\1\Data\12Mar24\28.D	Analyst:	Abbott

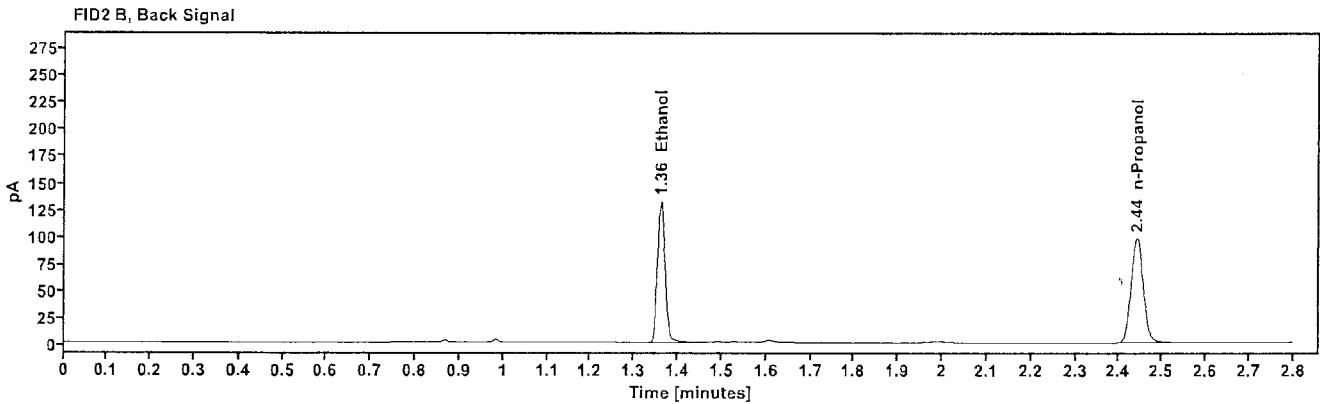
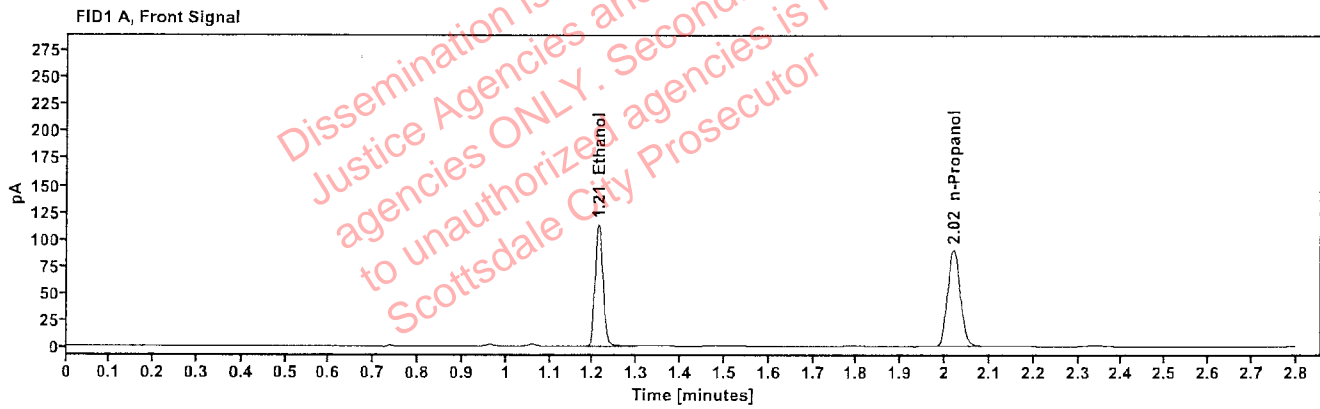


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2303	1.212	144.425
n-Propanol	-----	2.019	180.041

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

Compound	Time (min)	Peak Area
Ethanol	1.360	159.944
n-Propanol	2.441	194.026

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2404896-1	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 6:08:58 PM
Data file:	C:\Chem32\1\Data\12Mar24\29.D	Analyst:	Abbott

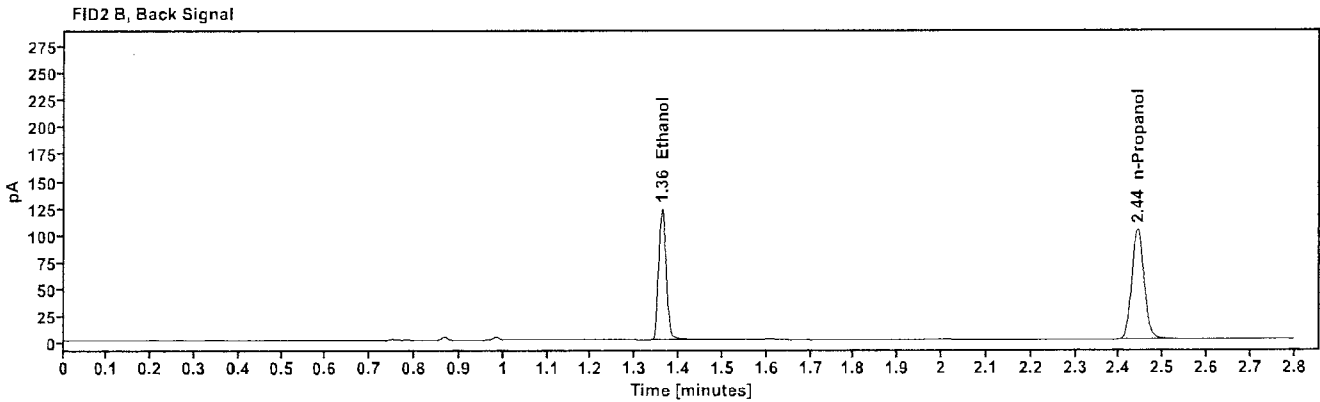
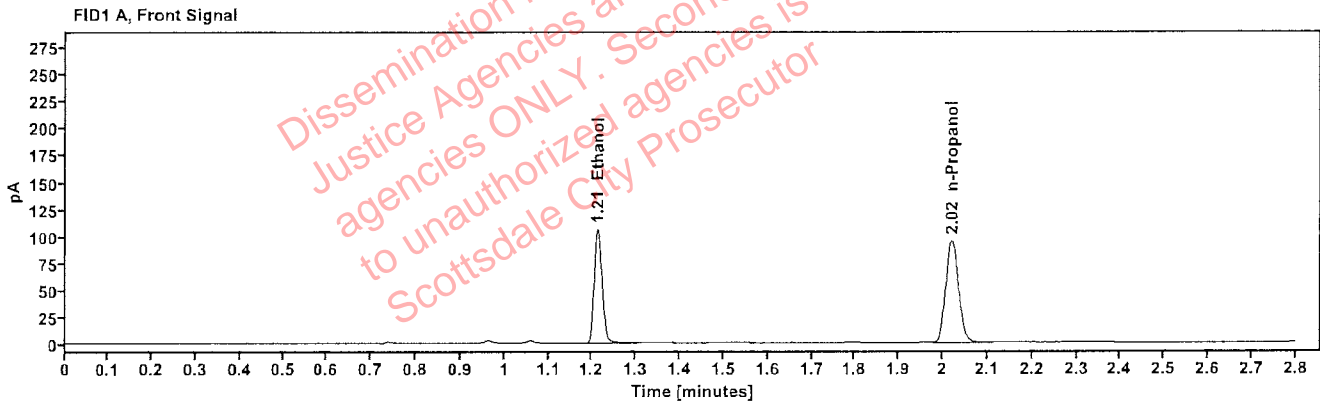


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2049	1.213	135.214
n-Propanol	-----	2.020	189.543

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

Compound	Time (min)	Peak Area
Ethanol	1.361	148.693
n-Propanol	2.442	204.804

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2404896-1	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 6:12:58 PM
Data file:	C:\Chem32\1\Data\12Mar24\30.D	Analyst:	Abbott

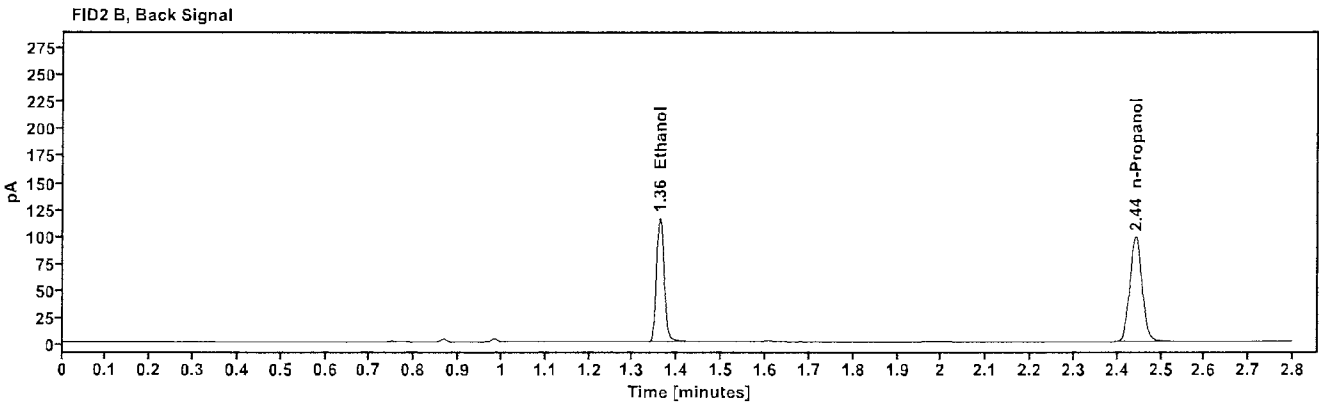
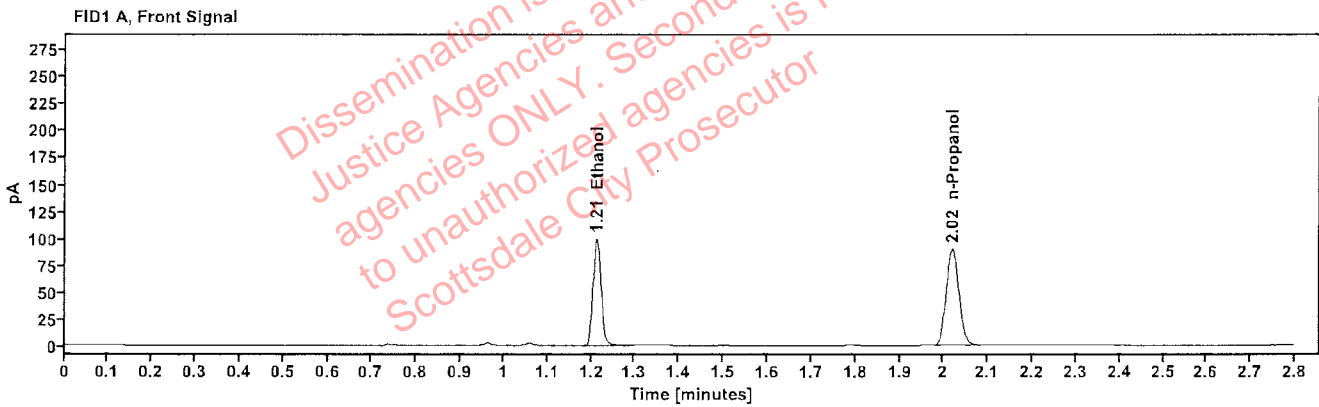


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2036	1.212	126.695
n-Propanol	-----	2.019	178.807

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

Compound	Time (min)	Peak Area
Ethanol	1.361	139.342
n-Propanol	2.442	194.106

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2401822-2	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 6:21:12 PM
Data file:	C:\Chem32\1\Data\12Mar24\32.D	Analyst:	Abbott

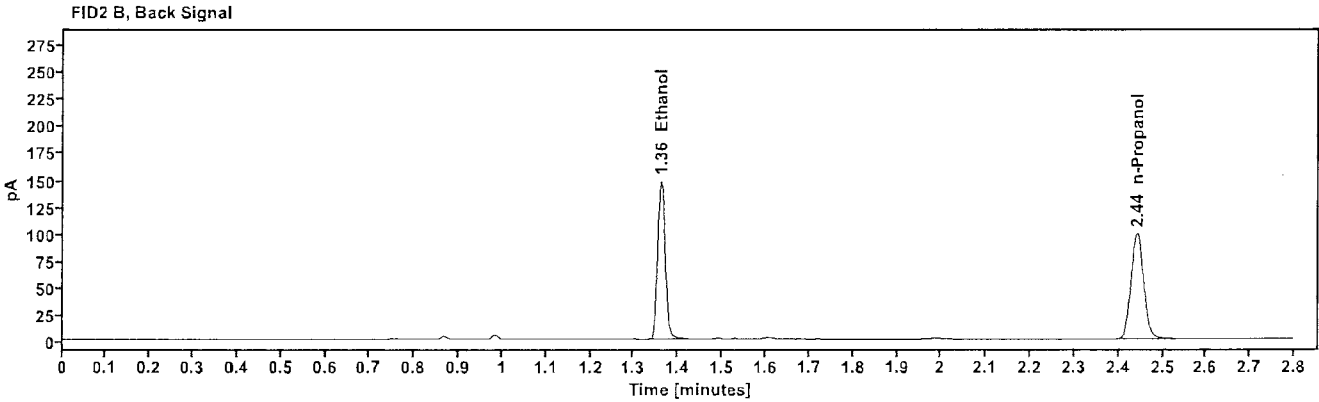
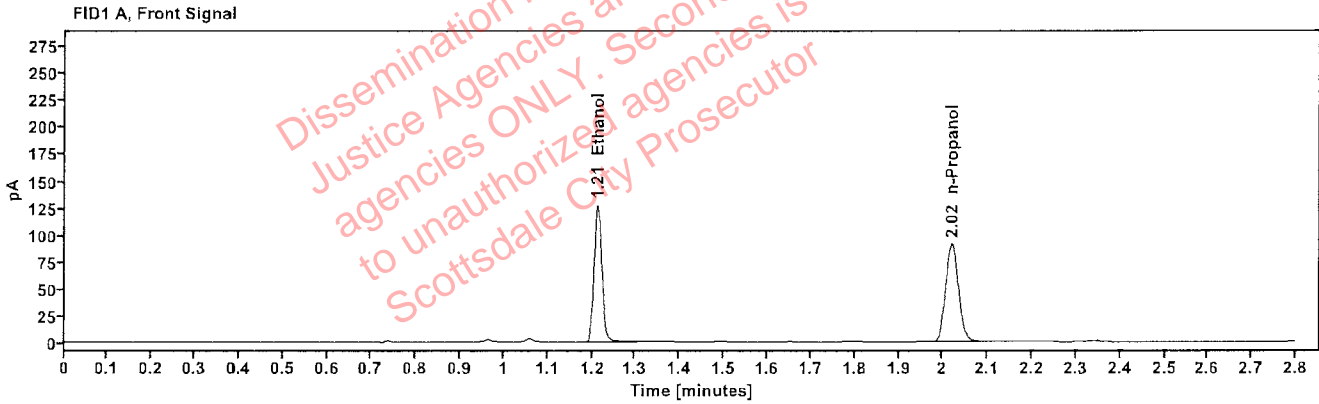


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2551	1.212	161.900
n-Propanol	-----	2.020	182.090

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

Compound	Time (min)	Peak Area
Ethanol	1.361	177.995
n-Propanol	2.442	196.274

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2401822-2	Vial:	33
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 6:25:12 PM
Data file:	C:\Chem32\1\Data\12Mar24\33.D	Analyst:	Abbott

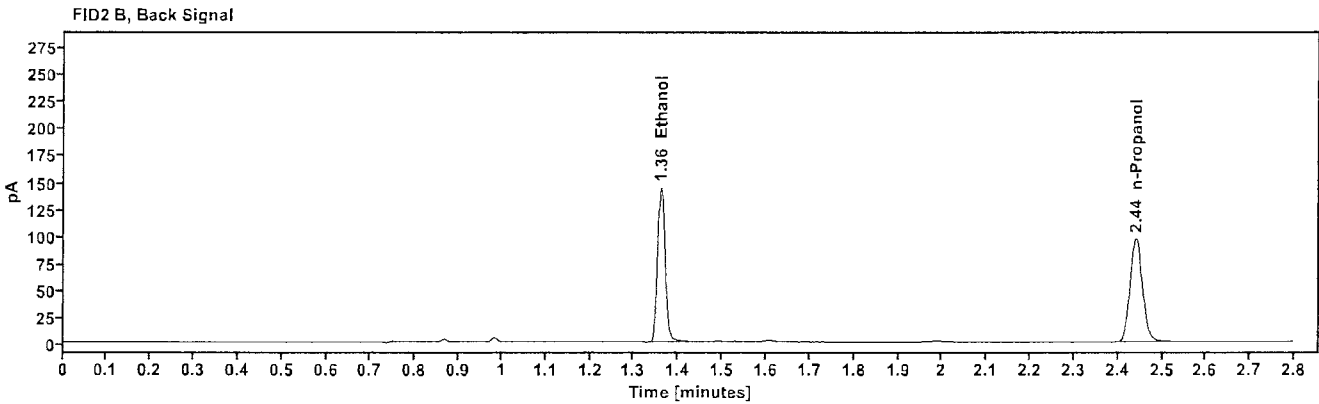
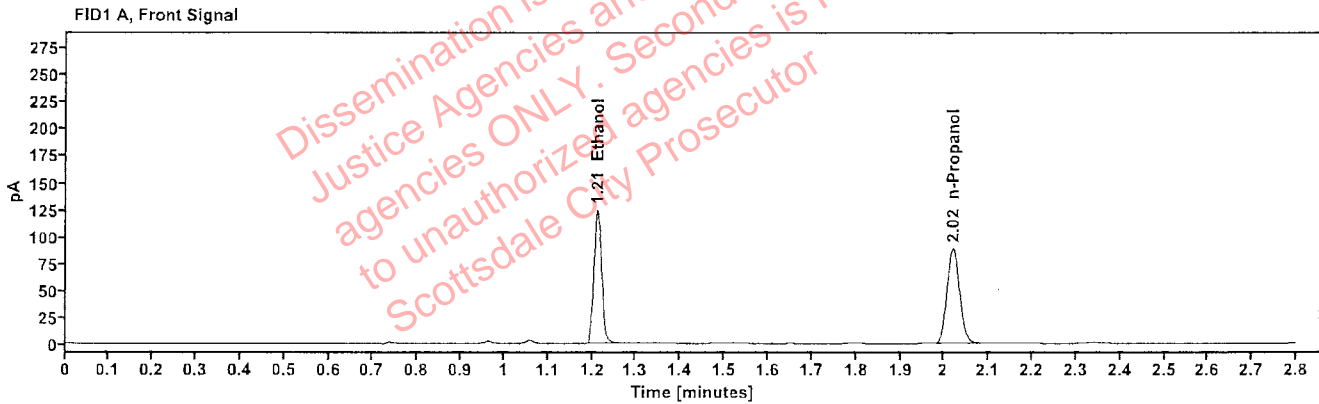


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2545	1.212	157.398
n-Propanol	-----	2.019	177.448

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

Compound	Time (min)	Peak Area
Ethanol	1.360	173.122
n-Propanol	2.441	191.395

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2405043-1	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 6:29:12 PM
Data file:	C:\Chem32\1\Data\12Mar24\34.D	Analyst:	Abbott

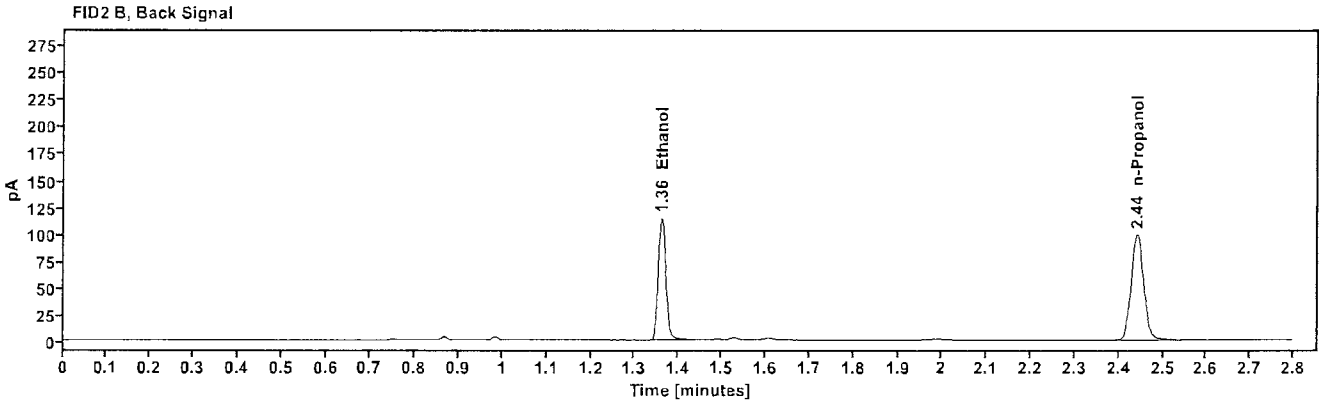
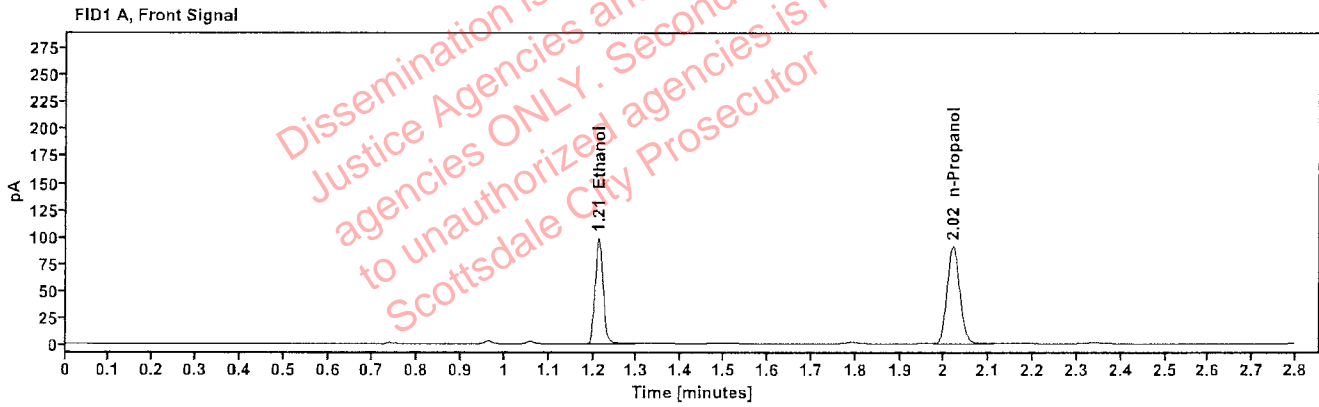


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1980	1.212	125.095
n-Propanol	-----	2.019	181.559

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

Compound	Time (min)	Peak Area
Ethanol	1.361	137.607
n-Propanol	2.442	197.007

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2405043-1	Vial:	35
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 6:33:13 PM
Data file:	C:\Chem32\1\Data\12Mar24\35.D	Analyst:	Abbott

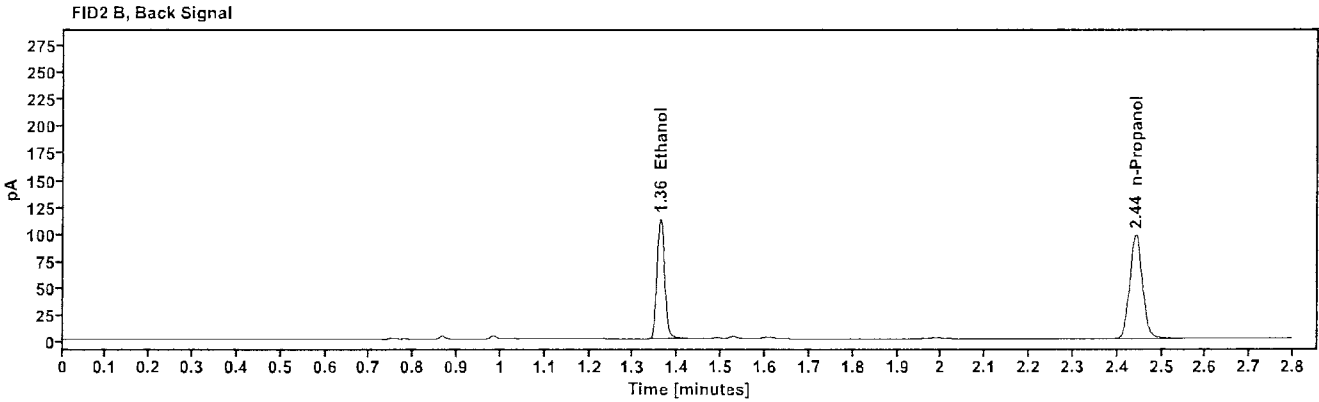
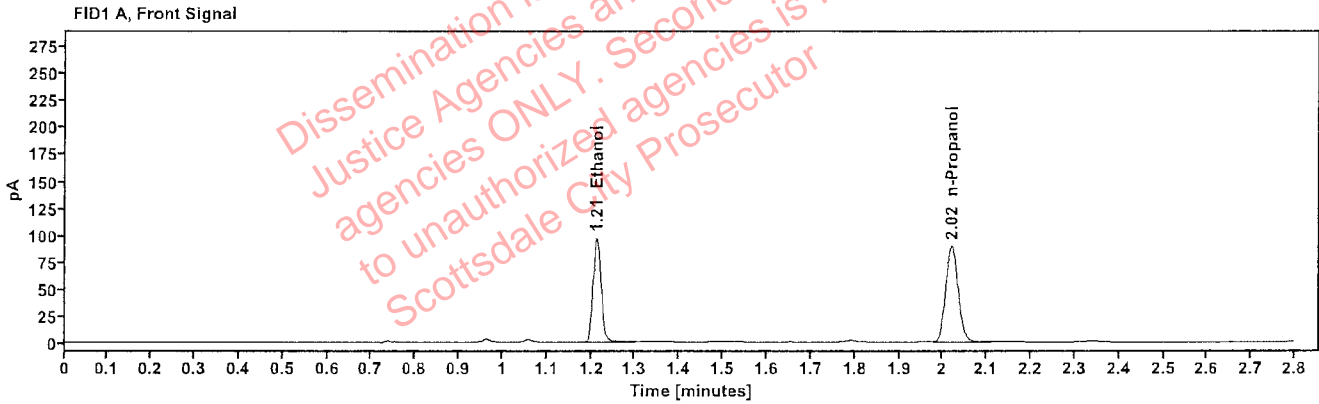


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1983	1.212	123.596
n-Propanol	-----	2.019	179.084

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

Compound	Time (min)	Peak Area
Ethanol	1.361	135.905
n-Propanol	2.442	194.609

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2405046-1	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 6:37:13 PM
Data file:	C:\Chem32\1\Data\12Mar24\36.D	Analyst:	Abbott

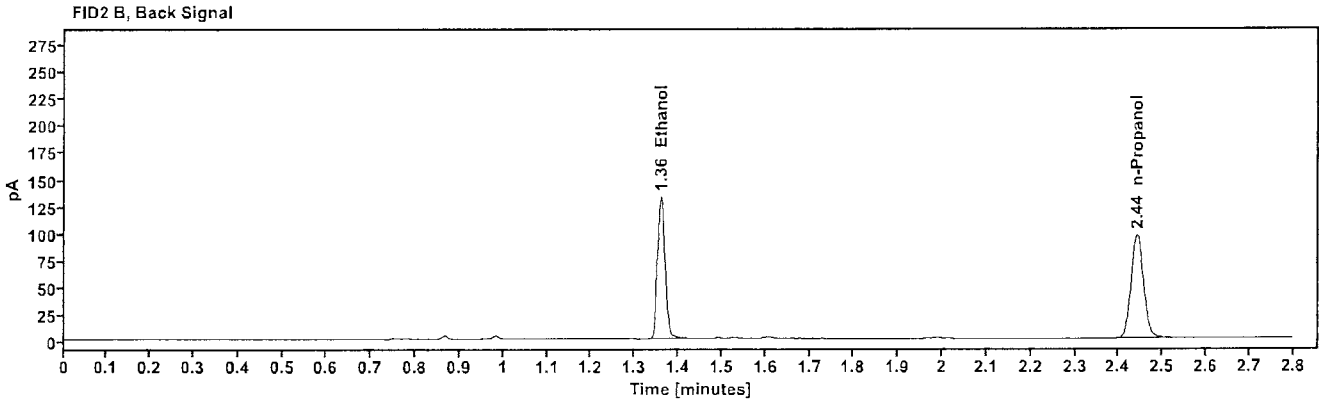
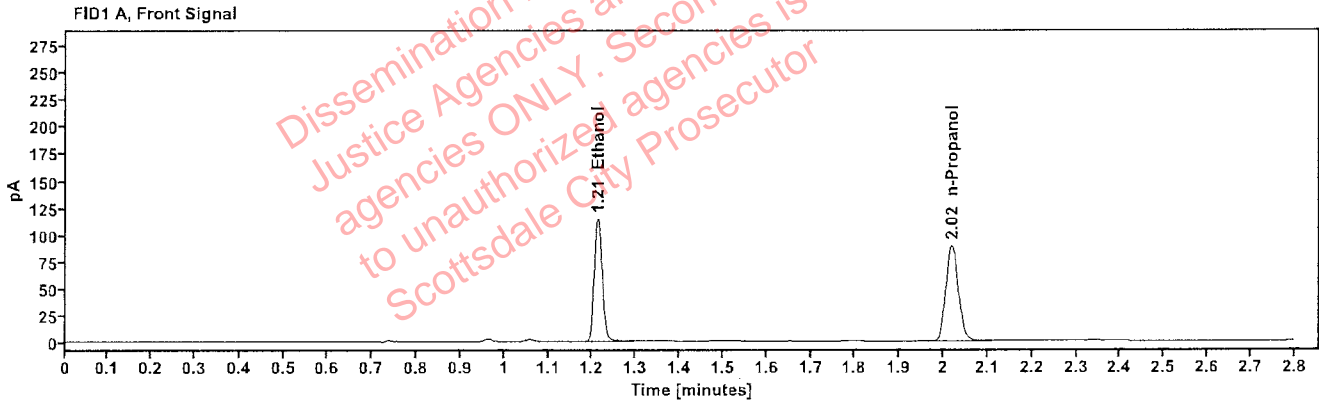


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2342	1.212	144.951
n-Propanol	-----	2.019	177.672

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

Compound	Time (min)	Peak Area
Ethanol	1.360	159.394
n-Propanol	2.441	191.681

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2405046-1	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 6:41:27 PM
Data file:	C:\Chem32\1\Data\12Mar24\37.D	Analyst:	Abbott

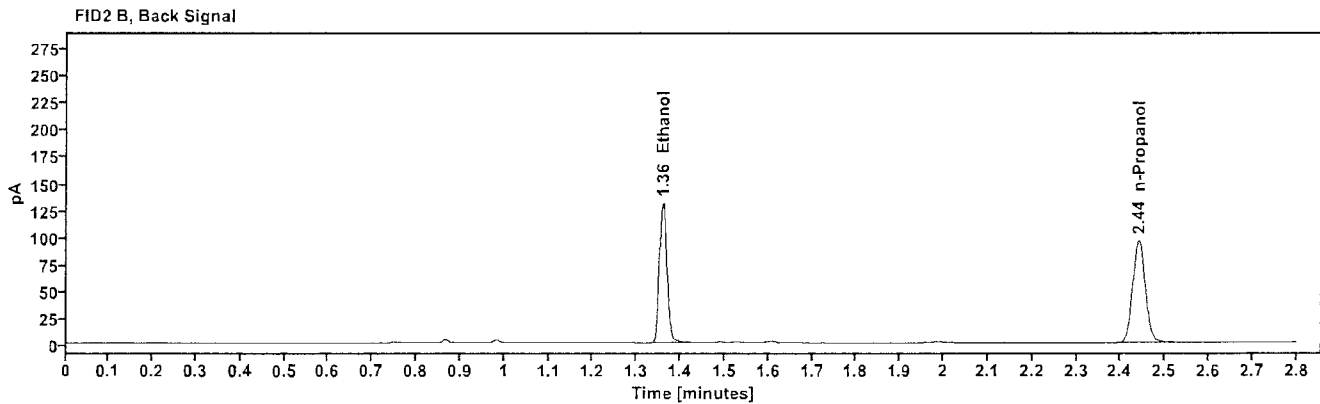
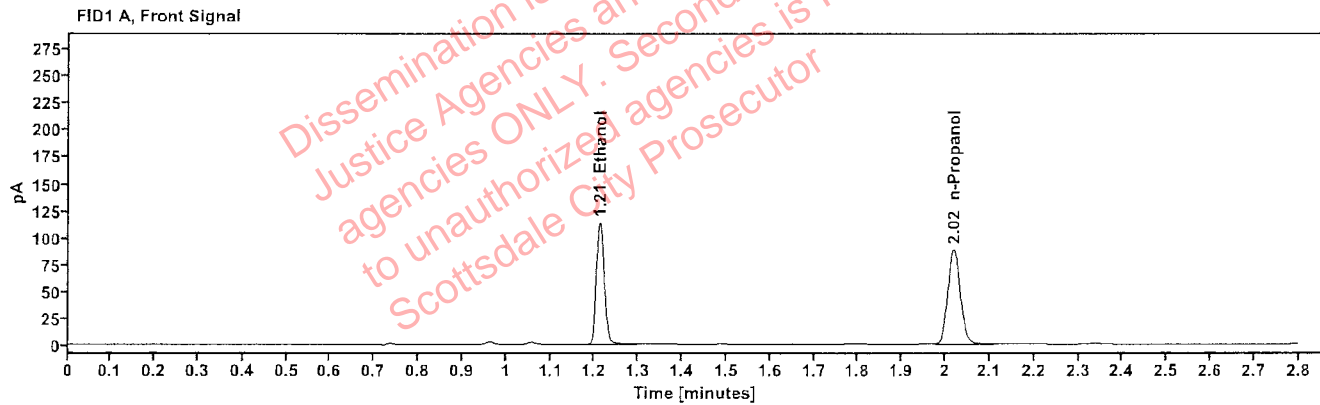


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2332	1.211	143.435
n-Propanol	-----	2.019	176.589

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

Compound	Time (min)	Peak Area
Ethanol	1.359	157.682
n-Propanol	2.440	190.269

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2405049-1	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 6:45:28 PM
Data file:	C:\Chem32\1\Data\12Mar24\38.D	Analyst:	Abbott

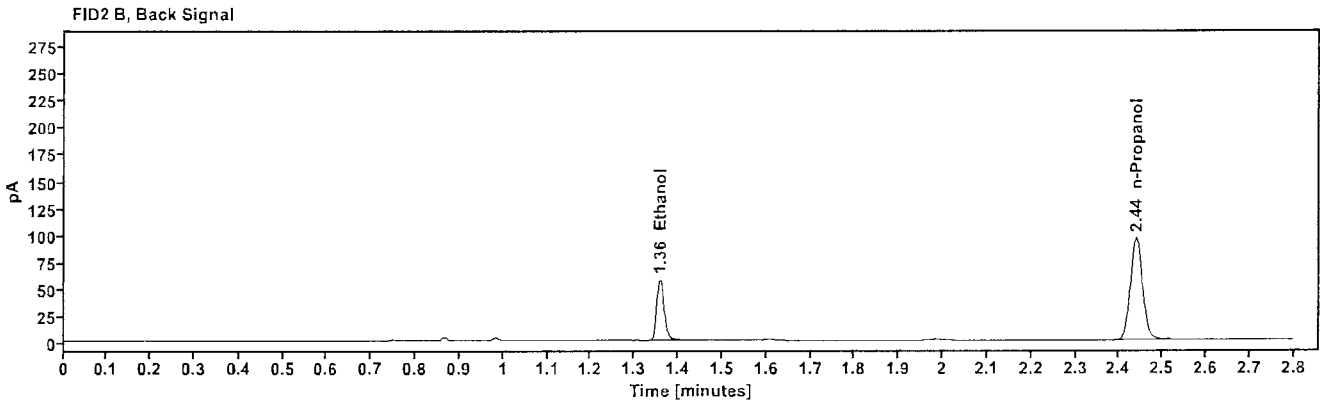
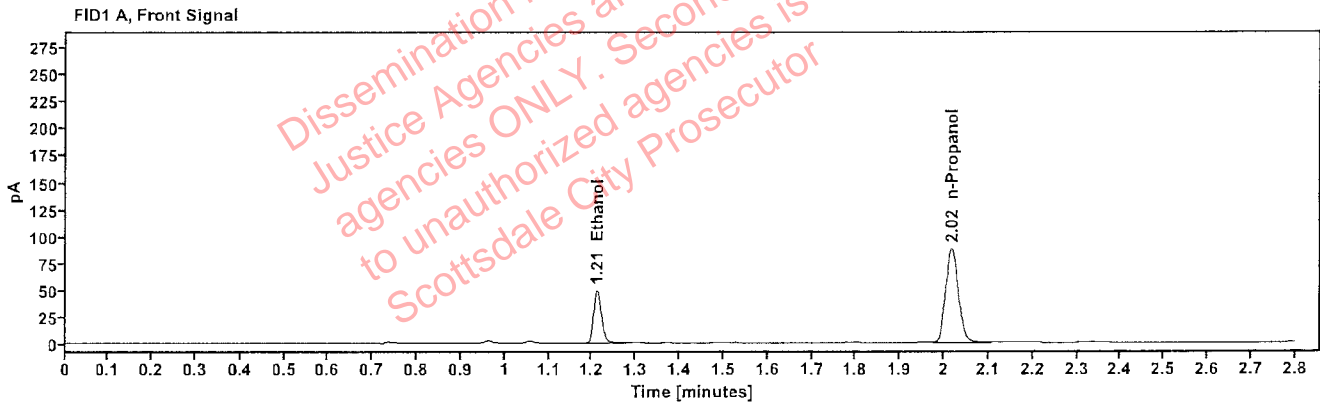


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1030	1.211	62.398
n-Propanol	-----	2.018	175.258

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

Compound	Time (min)	Peak Area
Ethanol	1.358	68.637
n-Propanol	2.439	189.591

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2405049-1	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 6:49:27 PM
Data file:	C:\Chem32\1\Data\12Mar24\39.D	Analyst:	Abbott

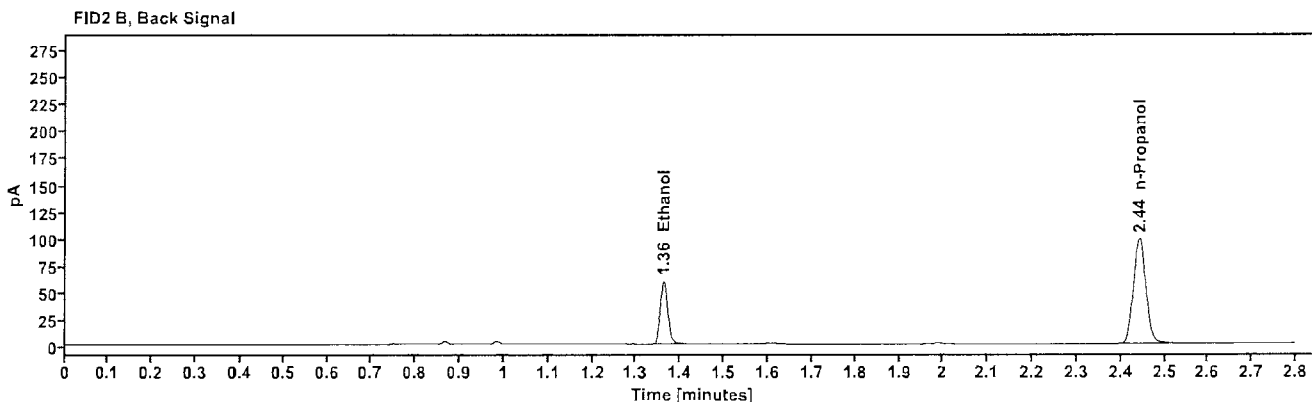
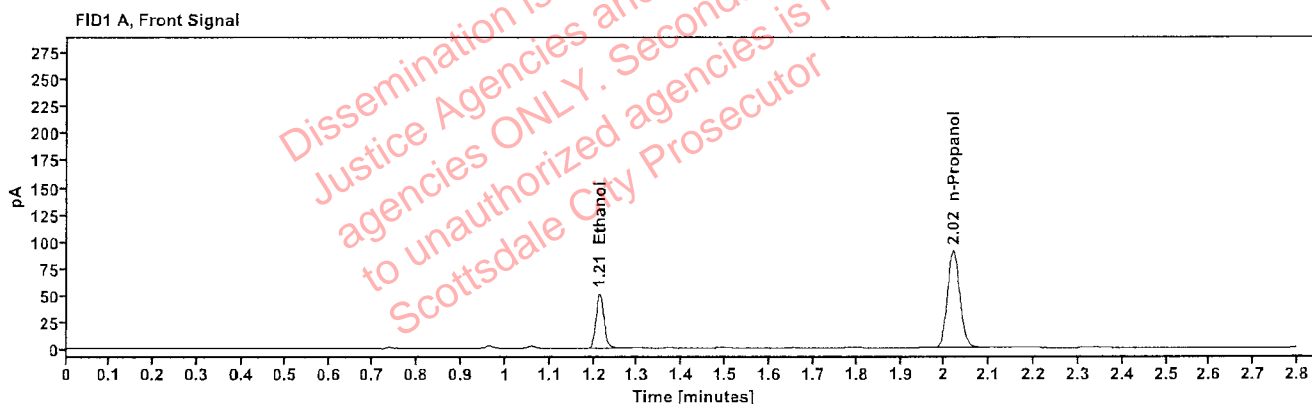


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1052	1.213	65.265
n-Propanol	-----	2.020	179.436

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

Compound	Time (min)	Peak Area
Ethanol	1.361	71.637
n-Propanol	2.442	195.159

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2405087-1	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 6:53:29 PM
Data file:	C:\Chem32\1\Data\12Mar24\40.D	Analyst:	Abbott

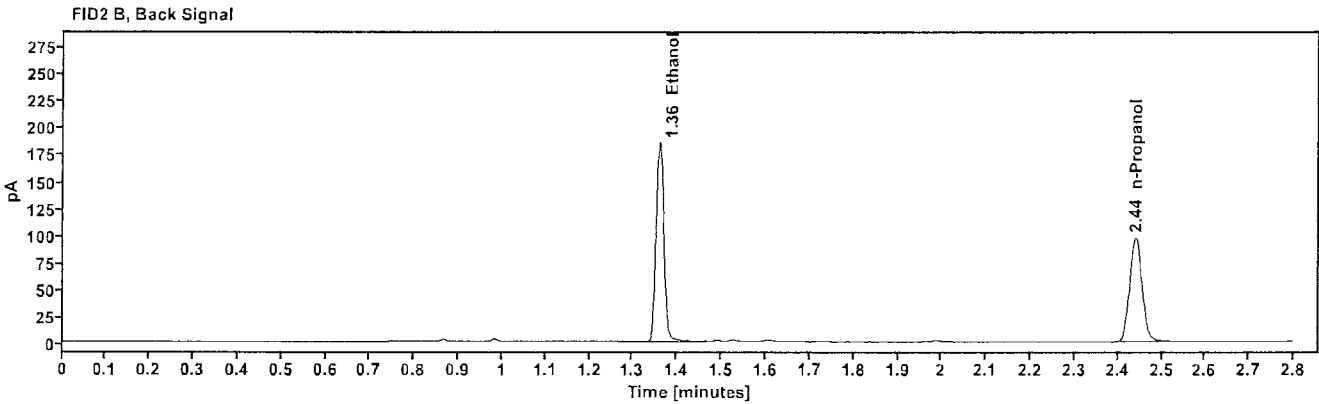
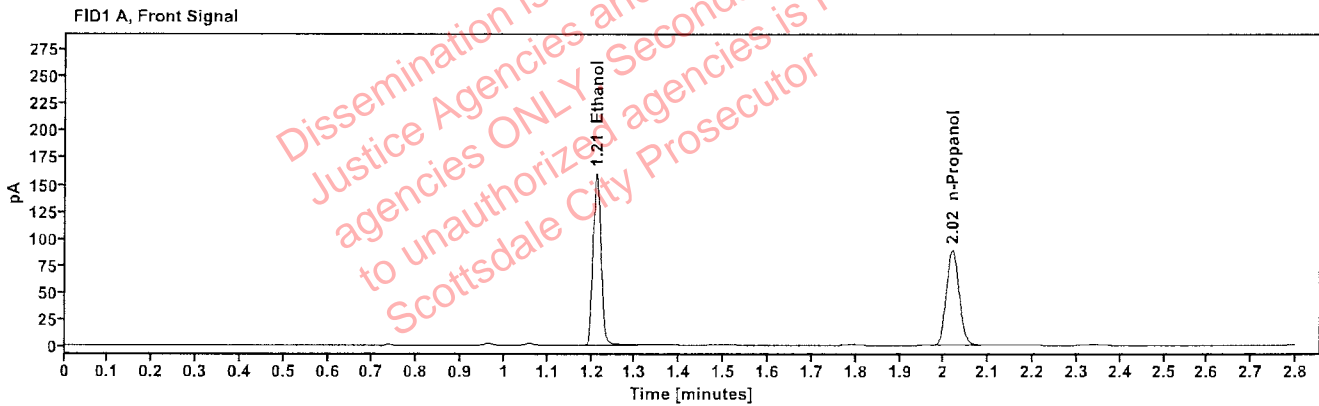


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3277	1.211	203.234
n-Propanol	-----	2.019	177.708

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

Compound	Time (min)	Peak Area
Ethanol	1.359	224.881
n-Propanol	2.441	191.577

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2405087-1	Vial:	41
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	12Mar24
Instrument:	US14173023 CN14160045	Injection date:	3/12/2024 6:57:29 PM
Data file:	C:\Chem32\1\Data\12Mar24\41.D	Analyst:	Abbott

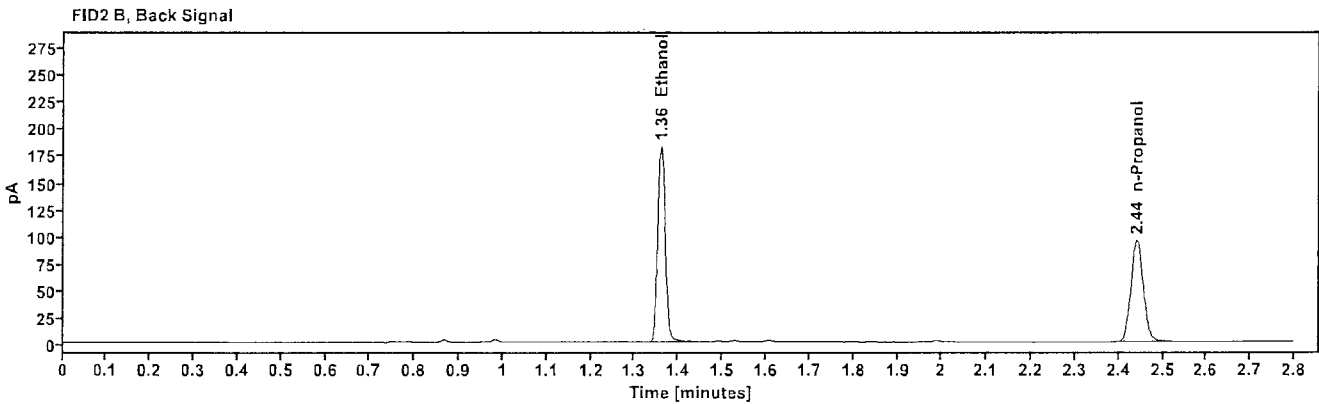
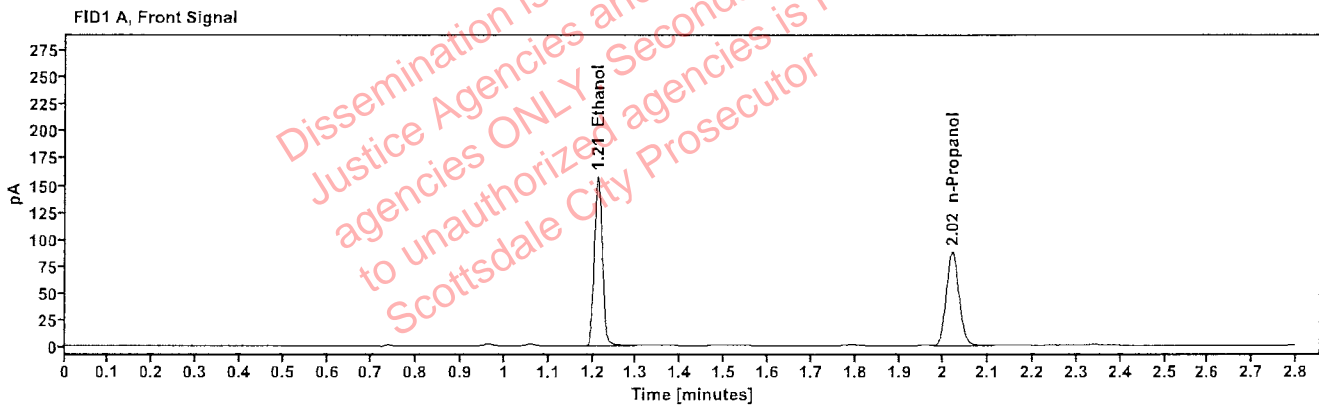


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3274	1.211	199.295
n-Propanol	---	2.019	174.413

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

Compound	Time (min)	Peak Area
Ethanol	1.360	220.472
n-Propanol	2.441	188.305