

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 03/01/2023 SEQUENCE NAME 01Mar23

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN10051909 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN05311902 0.99992
 Vial 3 0.20 calibrator Lot FN02052101
 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 122022AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.398 g/dL	Lipomed 30012020-A
8	Aqueous control	0.040 g/dL	0.039 g/dL	Lipomed 14082019-B
9	Blood control	0.199 g/dL	0.205 g/dL	ACQ 4110320133/10
20	Aqueous control	0.080 g/dL	0.079 g/dL	Lipomed 20012020-B
31	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
40	Aqueous control	0.400 g/dL	0.409 g/dL	Lipomed 30012020-A
41	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
42	Blood control	0.199 g/dL	0.203 g/dL	ACQ 4110320133/10
43	Blank	Not detected	Not detected	SPD lab 011823WB

SUBJECT SAMPLES

Subjects in the sequence 14 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected.

Run valid Run invalid [Signature] Analyst
 Run valid Run invalid [Signature] Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

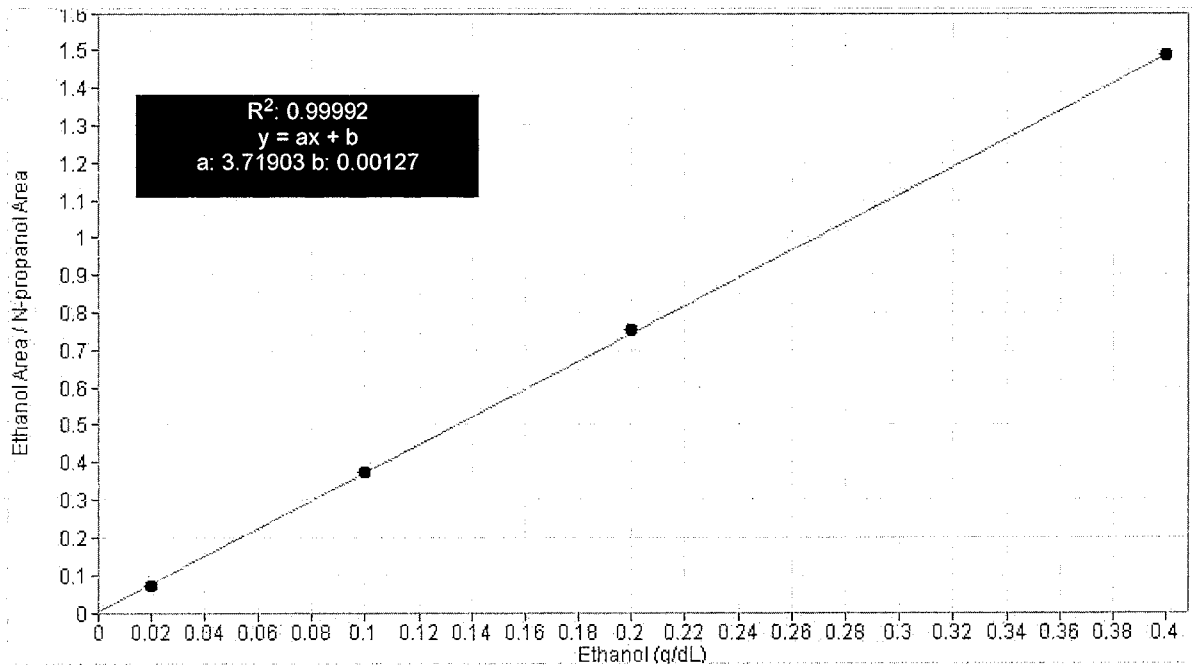
SEQUENCE NAME: 01Mar23

ANALYST: Abbott

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 122022AQ	5	negative	negative	-	-
0.400 30012020-A	7	0.398	0.400	0.50	-0.002
0.040 14082019-B	8	0.039	0.040	2.50	-0.001
0.199 4110320133/10	9	0.205	0.199	3.02	0.006
0.080 20012020-B	20	0.079	0.080	1.25	-0.001
0.080 20012020-B	31	0.081	0.080	1.25	0.001
0.400 30012020-A	40	0.409	0.400	2.25	0.009
0.040 14082019-B	41	0.040	0.040	0.00	0.000
0.199 4110320133/10	42	0.203	0.199	2.01	0.004
blank 011823WB	43	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.755	162.910	0.072
0.100	61.228	164.376	0.373
0.200	123.495	164.056	0.753
0.400	240.683	162.033	1.485

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN10051909	Vial:	1
Description:	0.020 calibrator	Sequence:	01Mar23
Method:	ethanol quant.M	Injection date:	3/1/2023 3:31:11 PM
Instrument:	US14173023 CN14160045	Analyst:	Abbott <i>JA</i>
Data file:	C:\Chem32\1\Data\01Mar23\1.D		

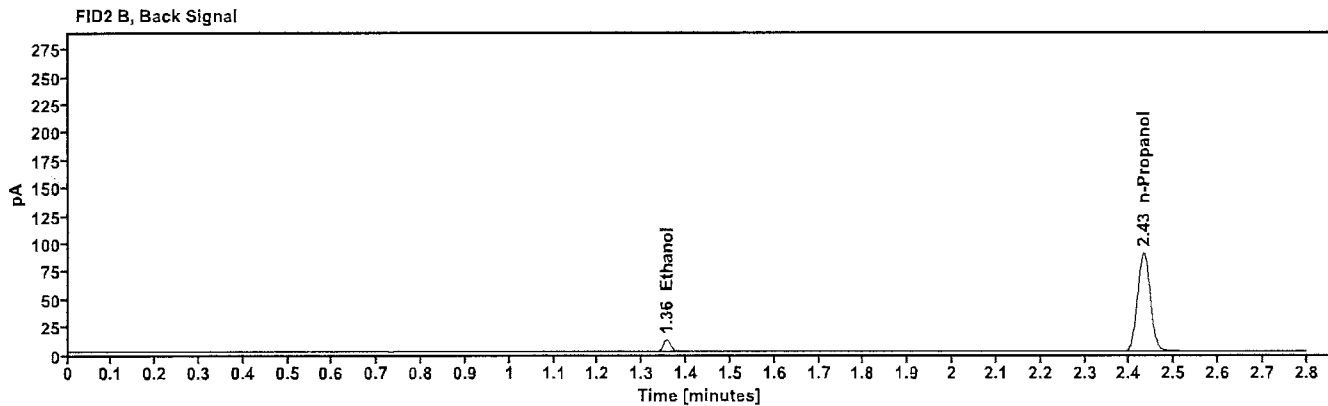
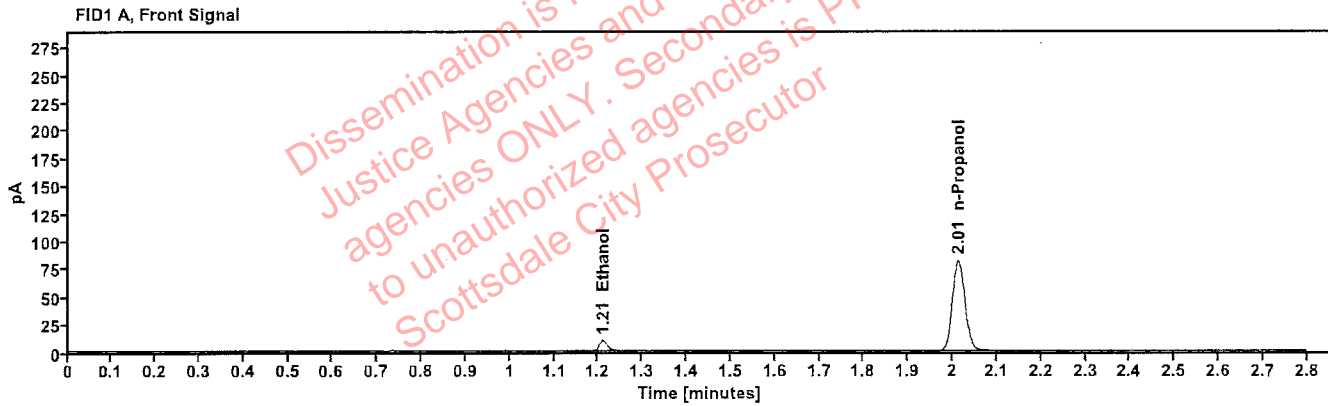


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	11.755
n-Propanol	2.013	162.910

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

Compound	Time (min)	Peak Area
Ethanol	1.355	12.782
n-Propanol	2.431	177.104

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05311902	Vial: 2
Description: 0.100 calibrator	Sequence: 01Mar23
Method: ethanol quant.M	Injection date: 3/1/2023 3:35:11 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>JA</i>
Data file: C:\Chem32\1\Data\01Mar23\2.D	

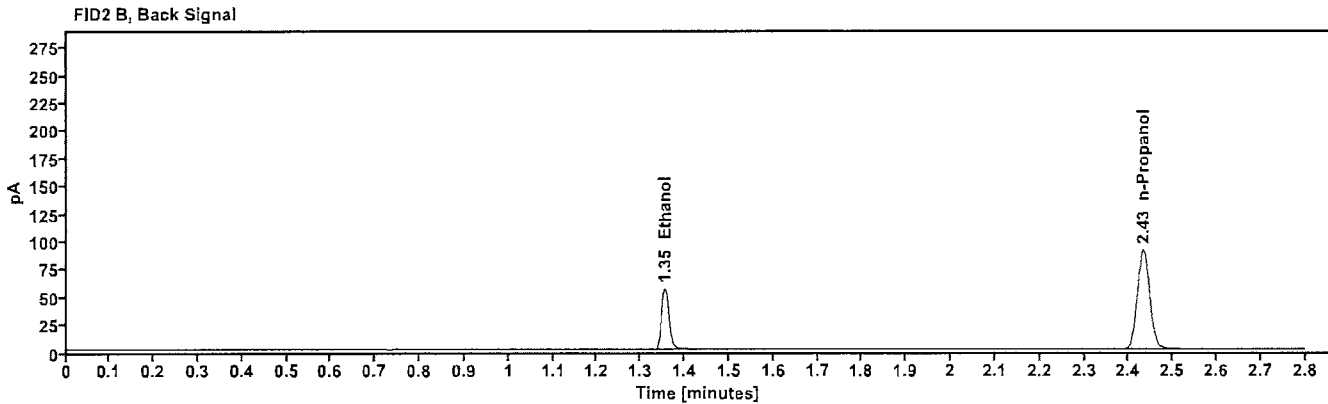
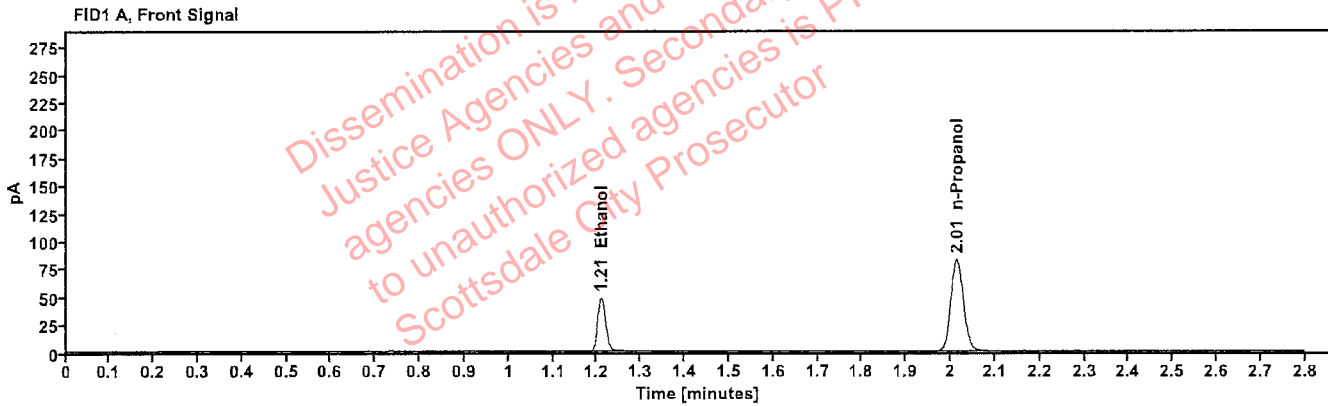


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	61.228
n-Propanol	2.014	164.376

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

Compound	Time (min)	Peak Area
Ethanol	1.355	66.567
n-Propanol	2.433	178.663

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN02052101	Vial: 3
Description: 0.200 calibrator	Sequence: 01Mar23
Method: ethanol quant.M	Injection date: 3/1/2023 3:39:11 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>MA</i>
Data file: C:\Chem32\1\Data\01Mar23\3.D	

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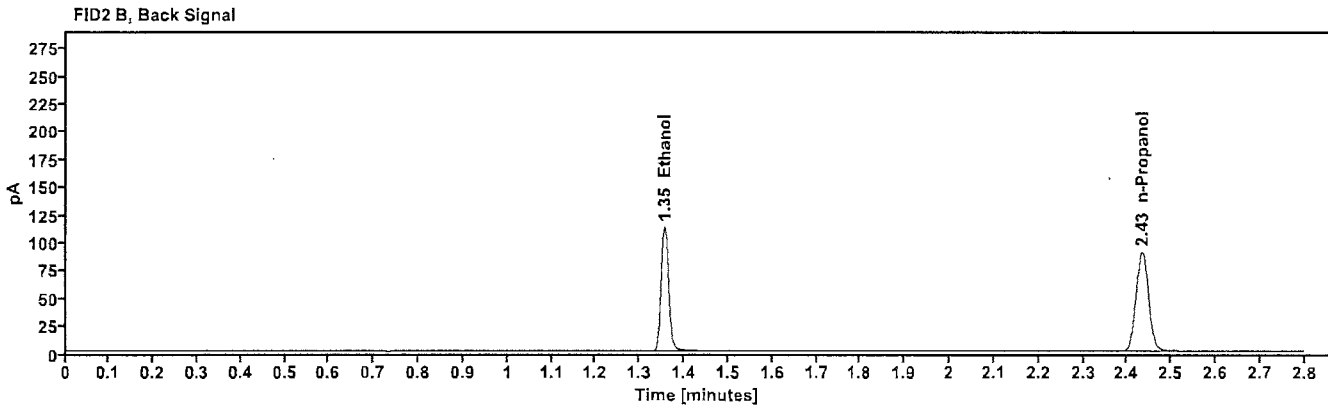
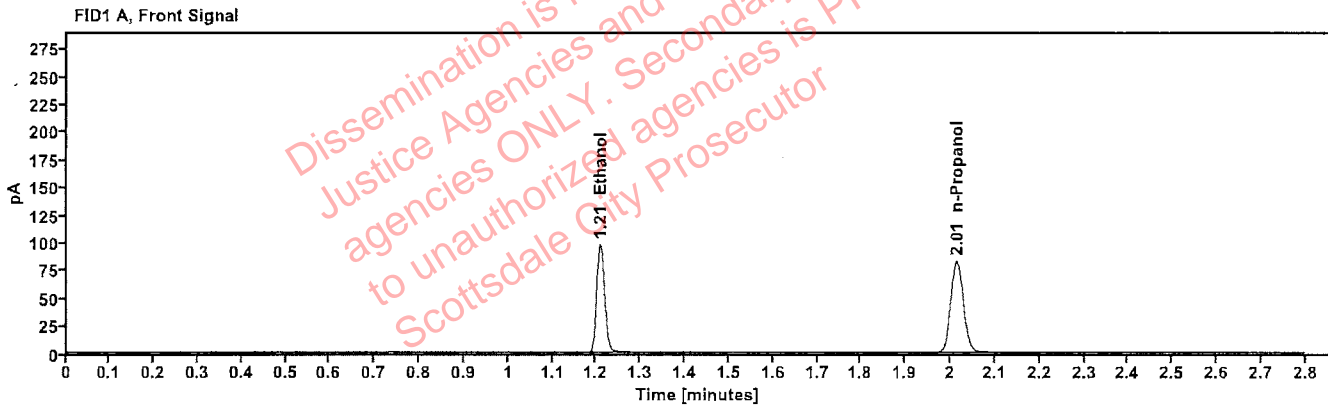


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	123.495
n-Propanol	2.014	164.056

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

Compound	Time (min)	Peak Area
Ethanol	1.355	134.960
n-Propanol	2.433	177.923

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN03052102	Vial:	4
Description:	0.400 calibrator	Sequence:	01Mar23
Method:	ethanol quant.M	Injection date:	3/1/2023 3:43:11 PM
Instrument:	US14173023 CN14160045	Analyst:	Abbott
Data file:	C:\Chem32\1\Data\01Mar23\4.D		

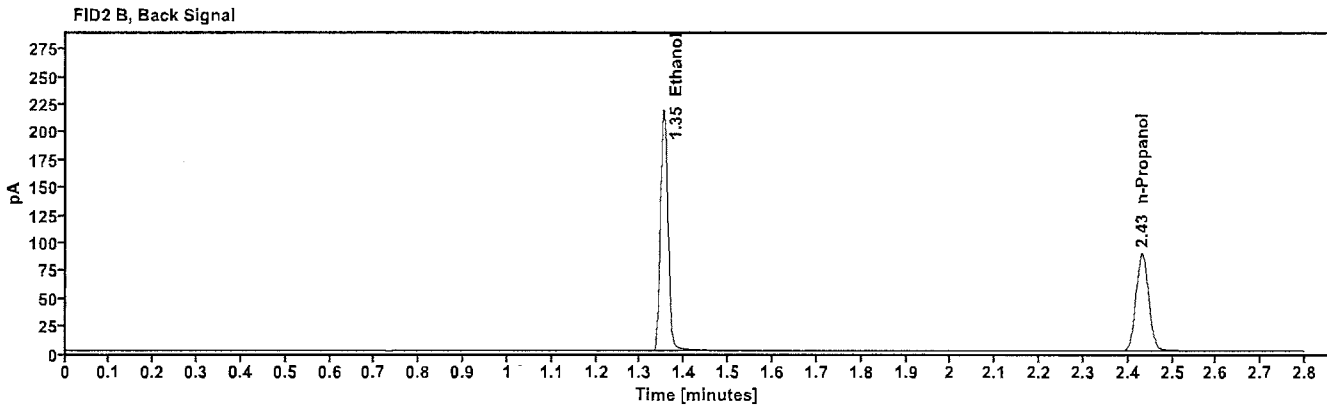
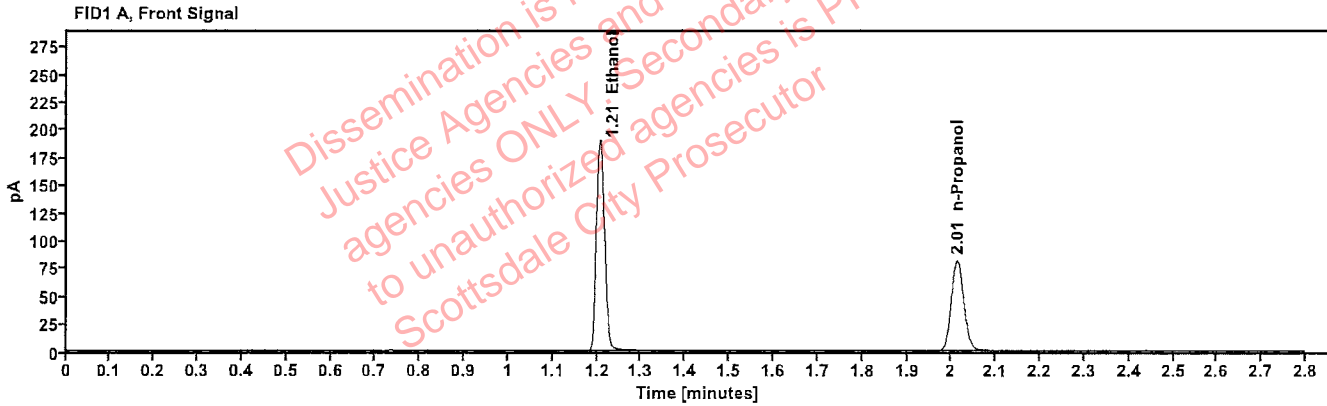


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.207	240.683
n-Propanol	2.013	162.033

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

Compound	Time (min)	Peak Area
Ethanol	1.353	264.229
n-Propanol	2.431	175.802

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	122022AQ	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 3:47:11 PM
Data file:	C:\Chem32\1\Data\01Mar23\5.D	Analyst:	Abbott <i>ah</i>

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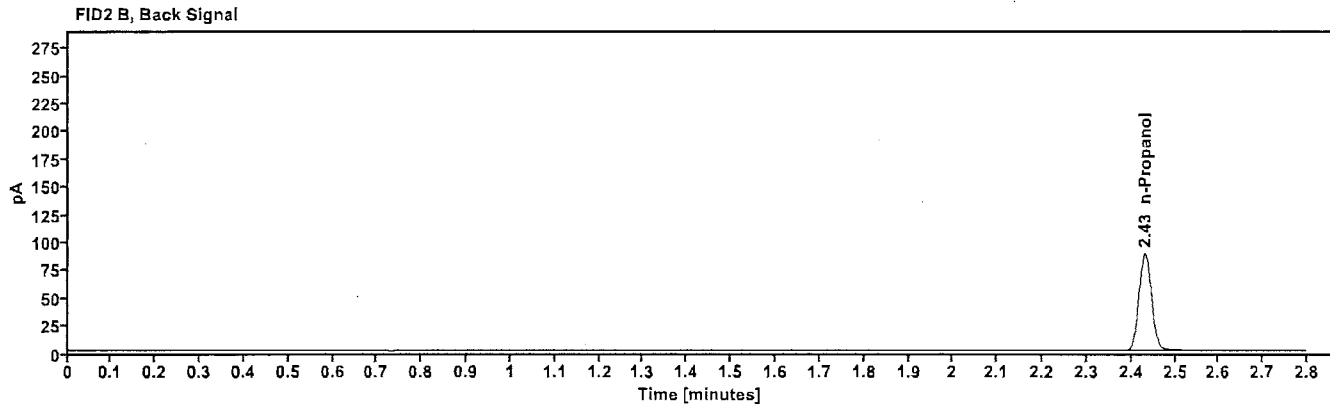
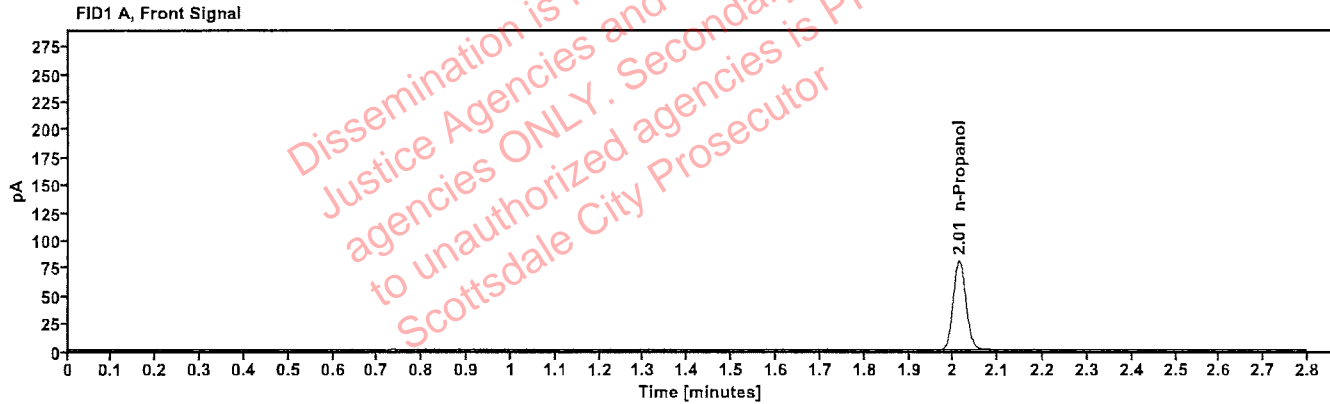


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	----	2.013	160.682

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

Compound	Time (min)	Peak Area
n-Propanol	2.431	174.507

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 050721MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 01Mar23
Instrument: US14173023 CN14160045	Injection date: 3/1/2023 3:51:11 PM
Data file: C:\Chem32\1\Data\01Mar23\6.D	Analyst: Abbott <i>DA</i>

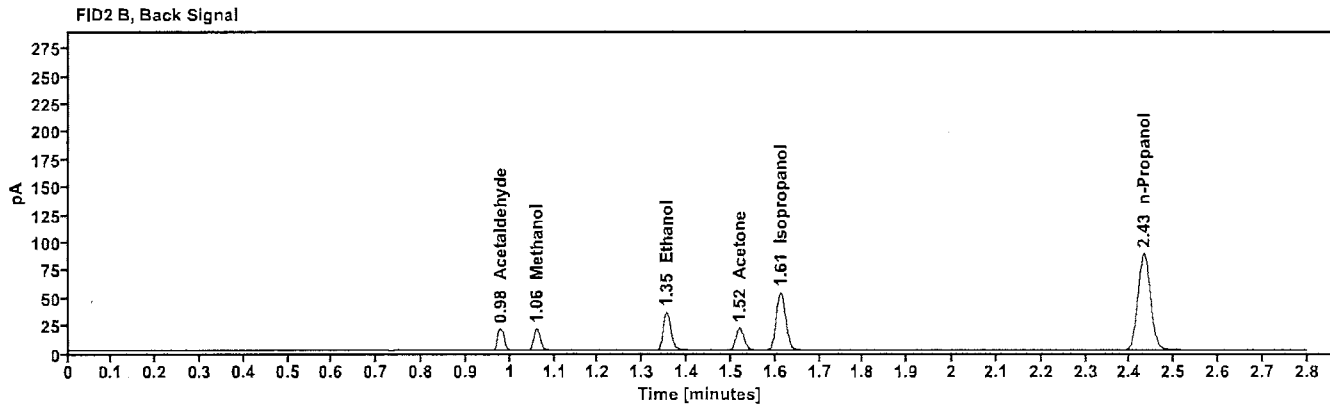
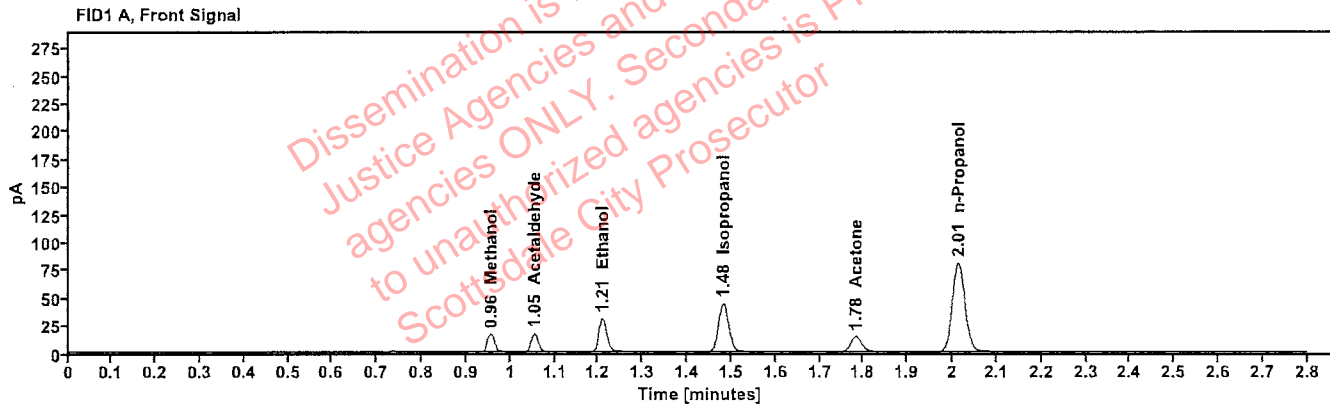


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	18.539
Acetaldehyde	-----	1.054	18.254
>Ethanol	0.0637	1.209	38.245
Isopropanol	-----	1.482	70.045
Acetone	-----	1.783	23.655
n-Propanol	-----	2.013	160.585

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.978	20.410
Methanol	1.060	20.460
Ethanol	1.354	41.632
Acetone	1.519	25.954
Isopropanol	1.612	77.516
n-Propanol	2.432	174.435

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	30012020-A	Vial:	7
Description:	0.400	LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 3:55:25 PM
Data file:	C:\Chem32\1\Data\01Mar23\7.D	Analyst:	Abbott <i>DA</i>

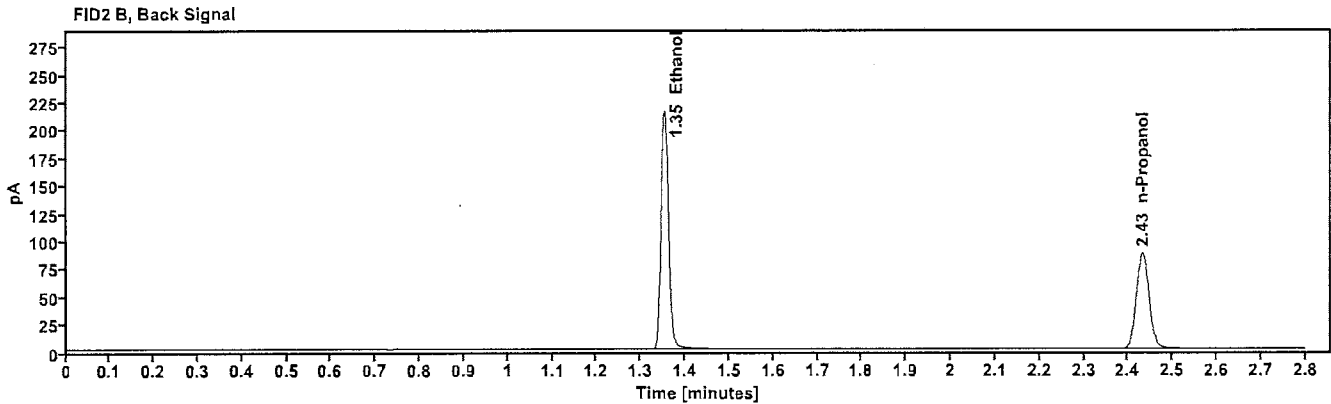
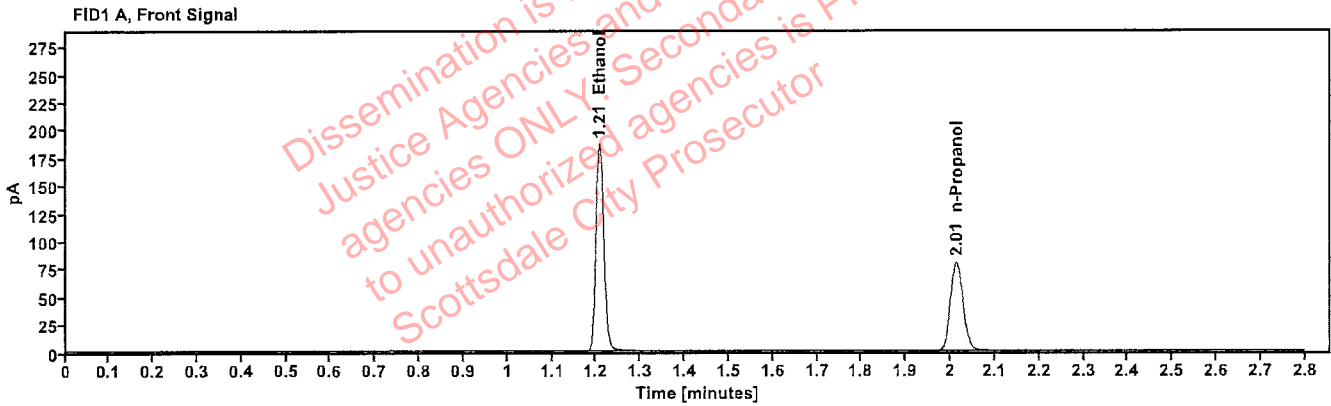


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3986	1.207	236.129
n-Propanol	---	2.013	159.144

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

Compound	Time (min)	Peak Area
Ethanol	1.353	259.420
n-Propanol	2.432	172.859

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	8
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 3:59:26 PM
Data file:	C:\Chem32\1\Data\01Mar23\8.D	Analyst:	Abbott DR

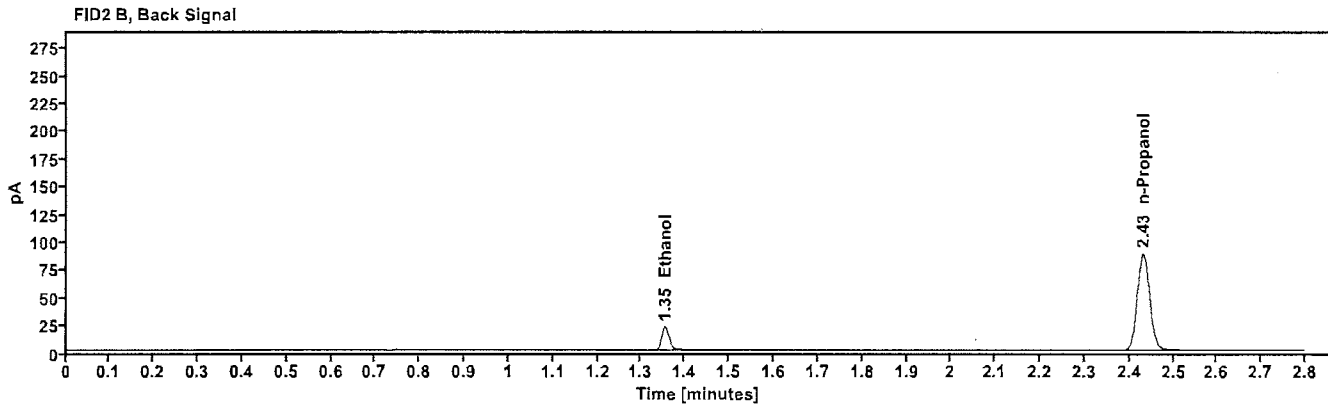
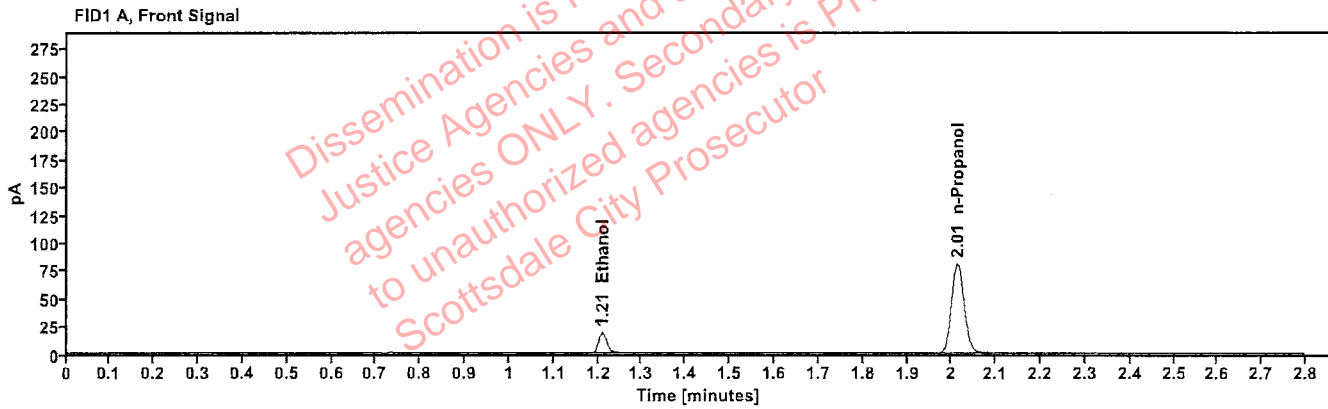


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0393	1.209	23.691
n-Propanol	-----	2.013	160.566

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

Compound	Time (min)	Peak Area
Ethanol	1.354	25.733
n-Propanol	2.432	174.470

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4110320133/10	Vial: 9
Description: 0.199	LIMS ID:
Method: ethanol quant.M	Sequence: 01Mar23
Instrument: US14173023 CN14160045	Injection date: 3/1/2023 4:03:25 PM
Data file: C:\Chem32\1\Data\01Mar23\9.D	Analyst: Abbott

Abbott

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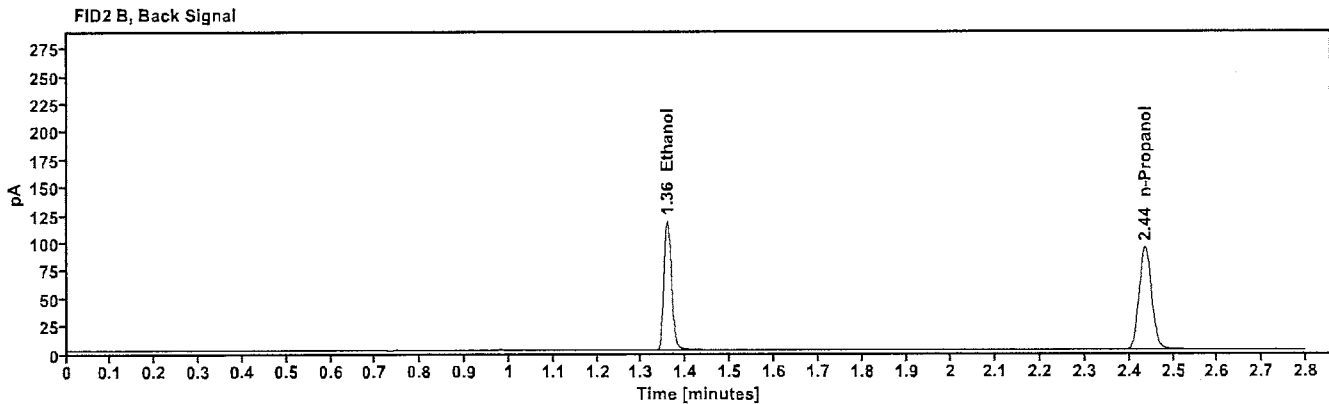
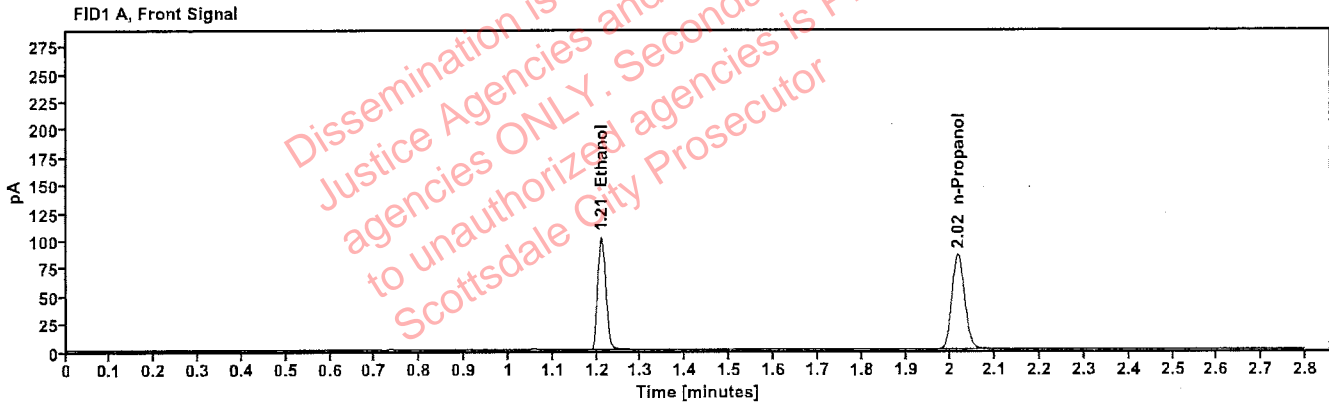


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2054	1.210	130.292
n-Propanol	-----	2.016	170.305

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

Compound	Time (min)	Peak Area
Ethanol	1.358	143.027
n-Propanol	2.436	185.100

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 01Mar23
Instrument: US14173023 CN14160045	Injection date: 3/1/2023 4:47:56 PM
Data file: C:\Chem32\1\Data\01Mar23\20.D	Analyst: Abbott AM

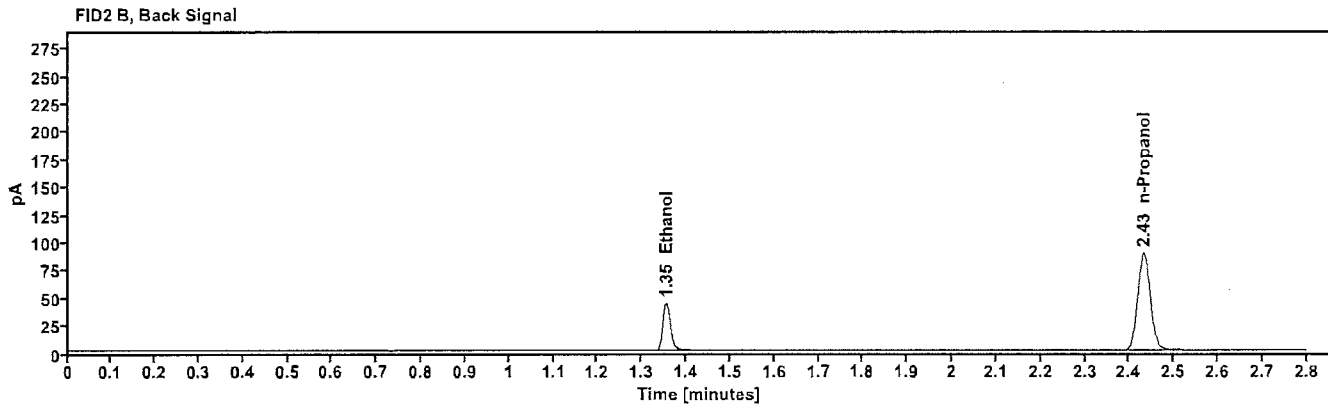
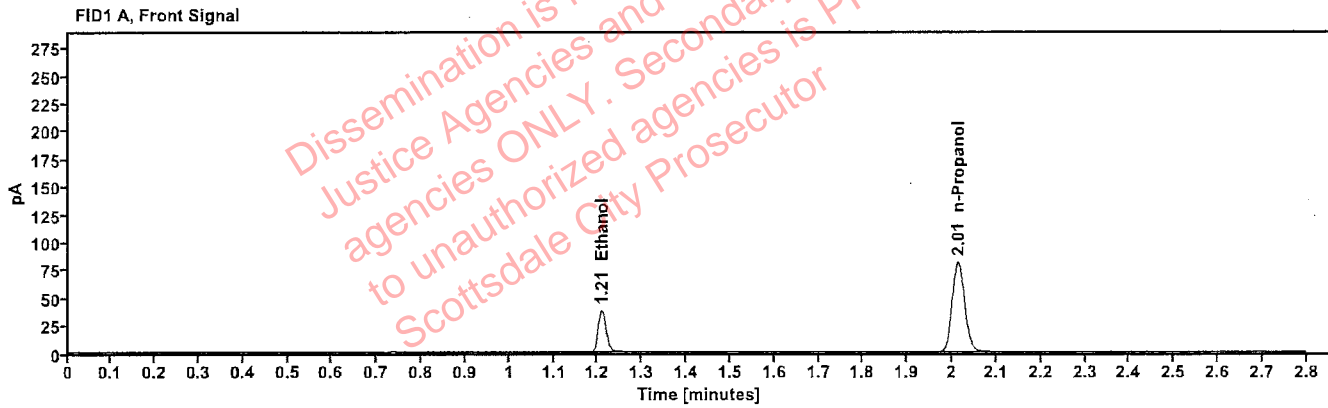


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0792	1.209	47.874
n-Propanol	-----	2.013	161.870

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

Compound	Time (min)	Peak Area
Ethanol	1.354	52.215
n-Propanol	2.432	175.796

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 01Mar23
Instrument: US14173023 CN14160045	Injection date: 3/1/2023 5:32:26 PM
Data file: C:\Chem32\1\Data\01Mar23\31.D	Analyst: Abbott

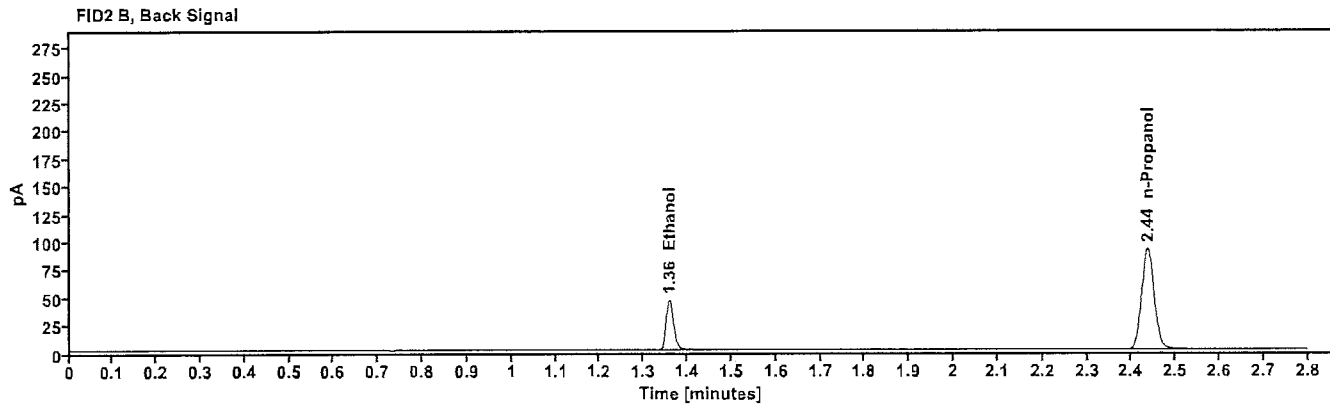
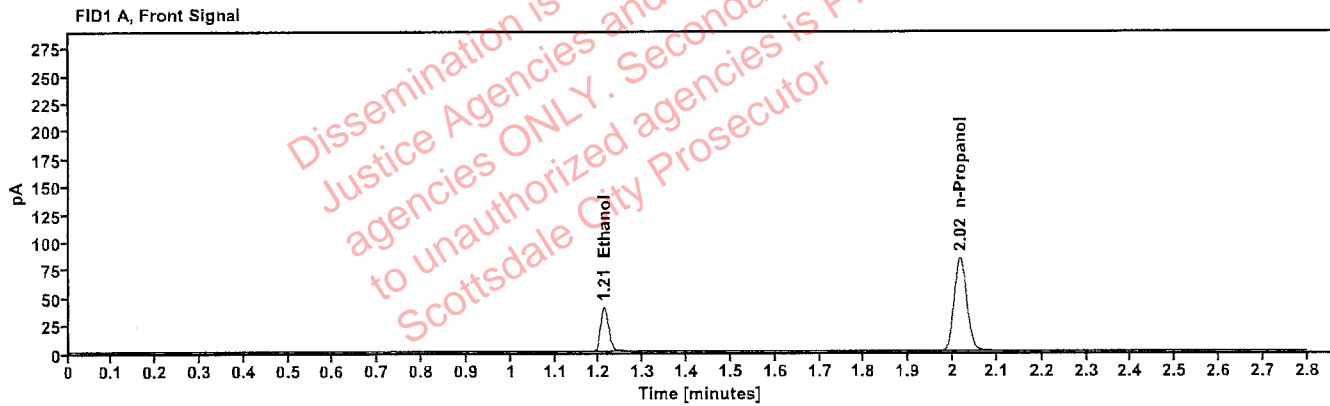


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0814	1.211	50.921
n-Propanol	-----	2.016	167.420

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

Compound	Time (min)	Peak Area
Ethanol	1.359	55.380
n-Propanol	2.436	181.730

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 30012020-A	Vial: 40
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 01Mar23
Instrument: US14173023 CN14160045	Injection date: 3/1/2023 6:08:41 PM
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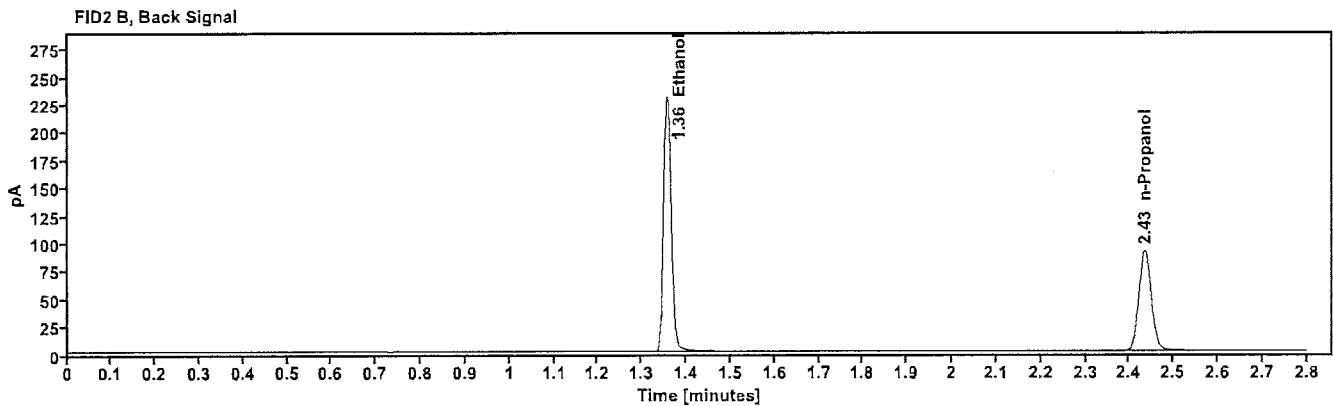
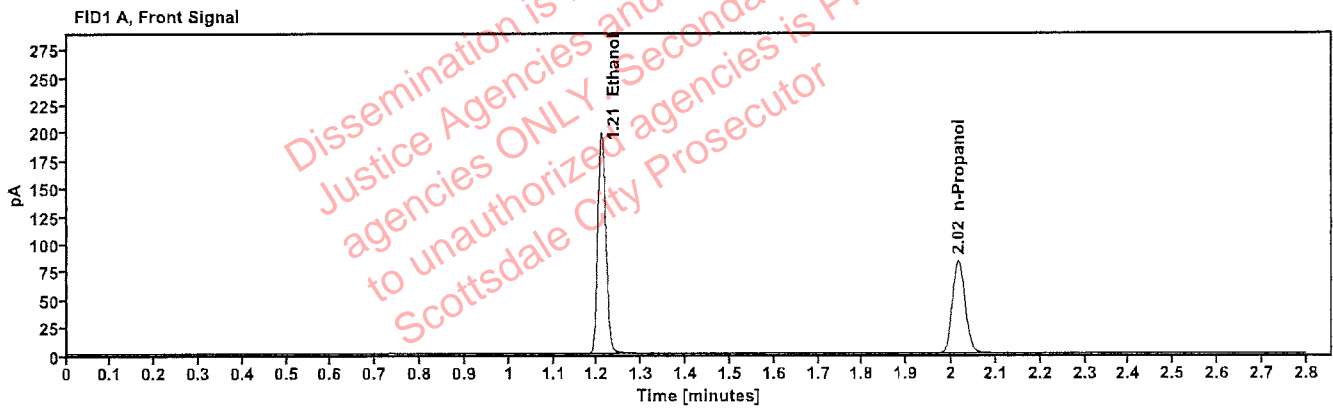


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4099	1.209	254.133
n-Propanol	-----	2.015	166.583

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

Compound	Time (min)	Peak Area
Ethanol	1.357	279.401
n-Propanol	2.435	180.913

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 41
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 01Mar23
Instrument: US14173023 CN14160045	Injection date: 3/1/2023 6:12:41 PM
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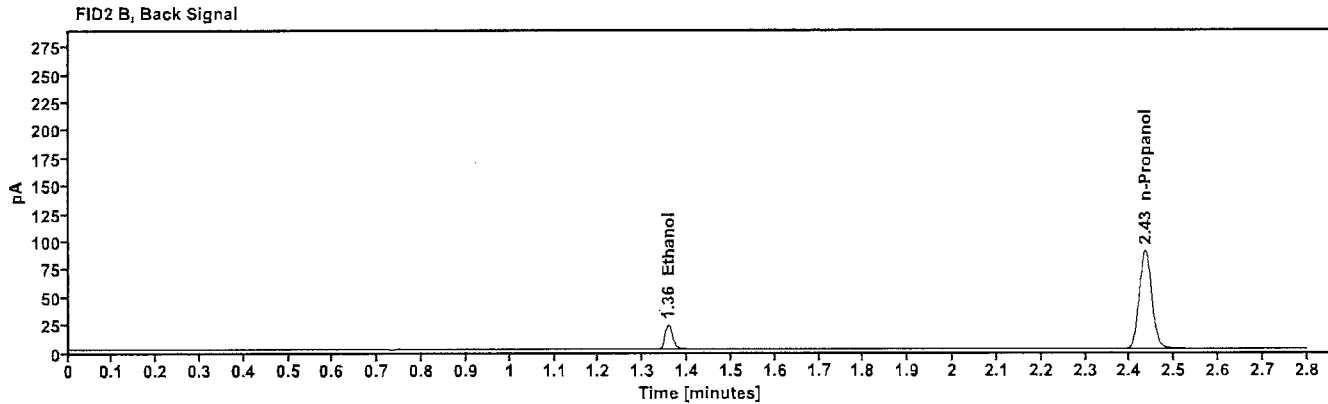
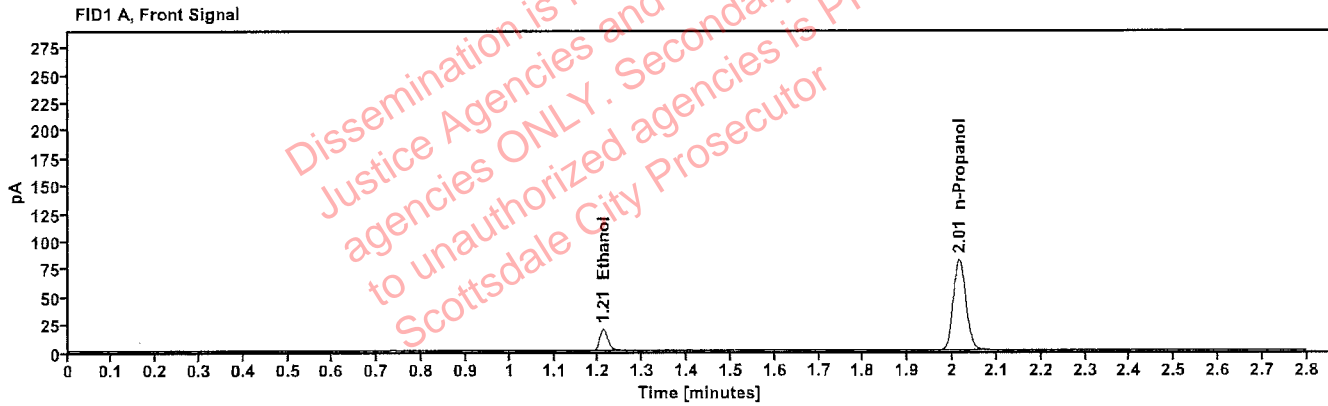


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0402	1.211	24.614
n-Propanol	-----	2.015	163.320

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

Compound	Time (min)	Peak Area
Ethanol	1.357	26.679
n-Propanol	2.434	177.199

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4110320133/10	Vial:	42
Description:	0.199	LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 6:16:41 PM
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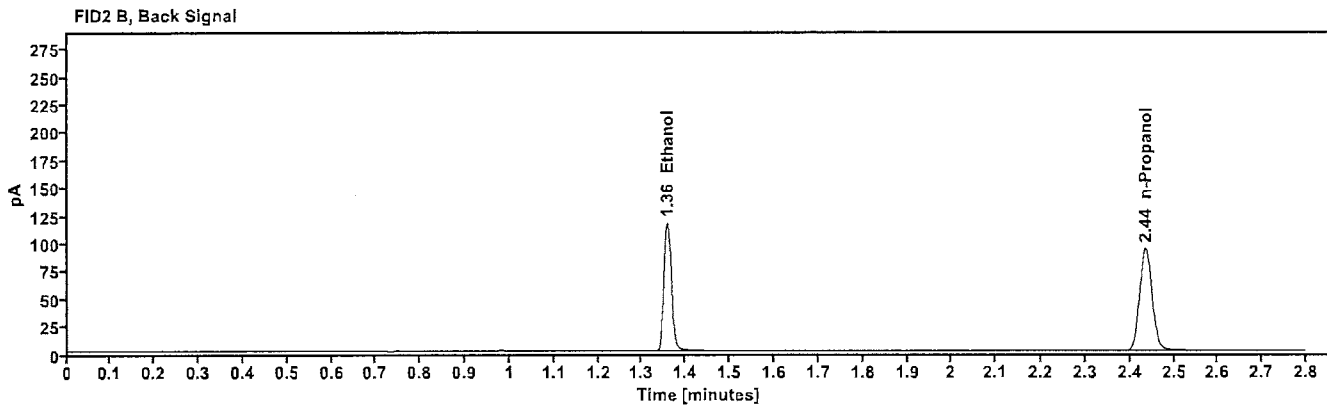
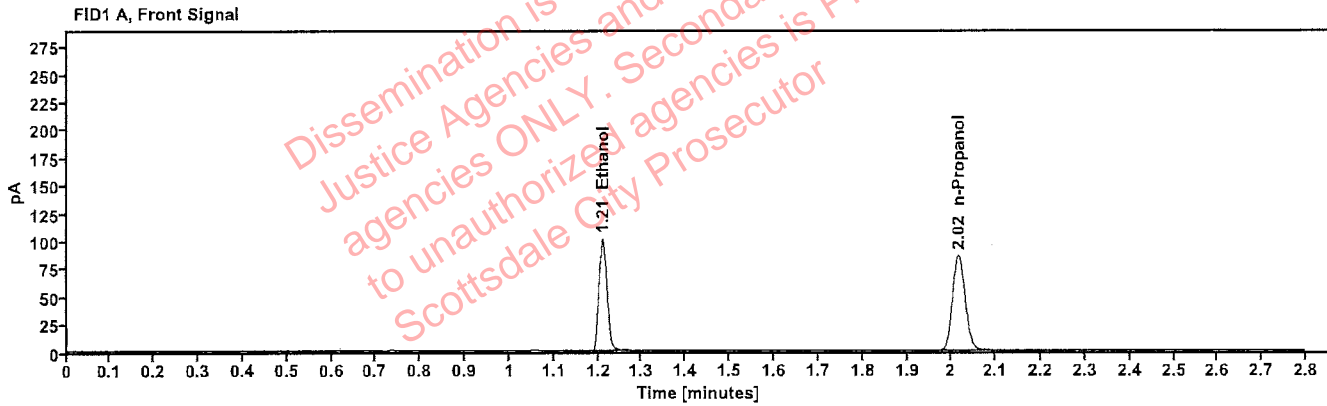


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2039	1.210	129.370
n-Propanol	---	2.016	170.349

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

Compound	Time (min)	Peak Area
Ethanol	1.358	141.525
n-Propanol	2.436	185.017

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	011823WB	Vial:	43
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 6:20:56 PM
Data file:	C:\Chem32\1\Data\01Mar23\43.D	Analyst:	Abbott <i>Abbott</i>

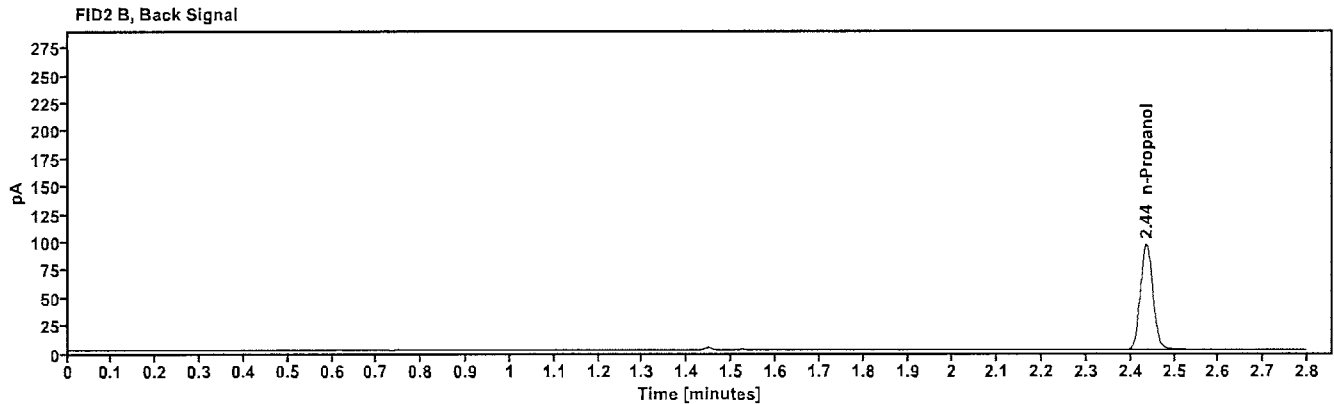
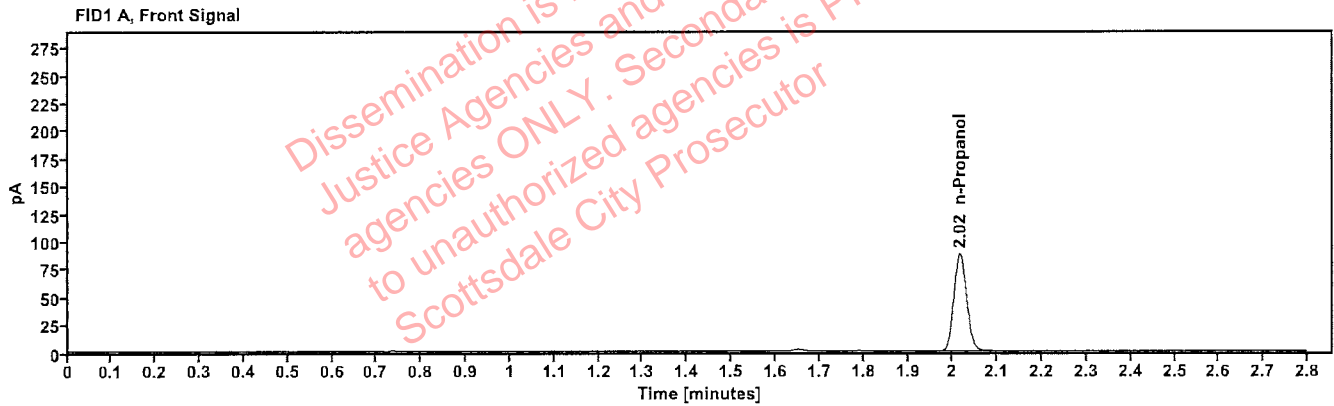


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	174.255

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

Compound	Time (min)	Peak Area
n-Propanol	2.436	189.454

Sequence Summary

Sequence name: 01Mar23 Instrument: US14173023 CN14160045 Analyst: Abbott *JA*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN10051909	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN02052101	0.200 calibrator	Calibration		ethanol quant.M
4	FN03052102	0.400 calibrator	Calibration		ethanol quant.M
5	122022AQ	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	4110320133/10	0.199	Control		ethanol quant.M
10	2302971-4		Sample		ethanol quant.M
11	2302971-4		Sample		ethanol quant.M
12	2303236-2		Sample		ethanol quant.M
13	2303236-2		Sample		ethanol quant.M
14	2303252-2		Sample		ethanol quant.M
15	2303252-2		Sample		ethanol quant.M
16	2303367-2		Sample		ethanol quant.M
17	2303367-2		Sample		ethanol quant.M
18	2303592-2		Sample		ethanol quant.M
19	2303592-2		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	1437227		Sample		ethanol quant.M
22	1437227		Sample		ethanol quant.M
23	2303239-2		Sample		ethanol quant.M
24	2303239-2		Sample		ethanol quant.M
25	2303745-1		Sample		ethanol quant.M
26	2303745-1		Sample		ethanol quant.M
27	2303754-1		Sample		ethanol quant.M
28	2303754-1		Sample		ethanol quant.M
29	1436991		Sample		ethanol quant.M
30	1436991		Sample		ethanol quant.M
31	20012020-B	0.080	Control		ethanol quant.M
32	2304033-2		Sample		ethanol quant.M
33	2304033-2		Sample		ethanol quant.M
34	2302547-2		Sample		ethanol quant.M
35	2302547-2		Sample		ethanol quant.M
36	2304045-3		Sample		ethanol quant.M
37	2304045-3		Sample		ethanol quant.M
38	2301282-2		Sample		ethanol quant.M
39	2301282-2		Sample		ethanol quant.M
40	30012020-A	0.400	Control		ethanol quant.M
41	14082019-B	0.040	Control		ethanol quant.M
42	4110320133/10	0.199	Control		ethanol quant.M
43	011823WB	Negative	Control		ethanol quant.M

Dissemination is restricted to Criminal Justice Agencies and authorized agencies ONLY. Secondary dissemination to unauthorized agencies is PROHIBITED. Scottsdale City Prosecutor

Scottsdale Police Department Crime Laboratory Summary of Cases

AA

SEQUENCE NAME: 01Mar23

ANALYST: Abbott

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1301	0.1287	0.12940	0.54	0.00070
12 13	0.2590	0.2600	0.25950	0.19	0.00050
14 15	0.1583	0.1609	0.15960	0.81	0.00130
16 17	0.0000	0.0000	0.00000	0.00	0.00000
18 19	0.2496	0.2533	0.25145	0.74	0.00185
21 22	0.1996	0.2006	0.20010	0.25	0.00050
23 24	0.2158	0.2176	0.21670	0.42	0.00090
25 26	0.1108	0.1113	0.11105	0.23	0.00025
27 28	0.2463	0.2455	0.24590	0.16	0.00040
29 30	0.2228	0.2218	0.22230	0.22	0.00050
32 33	0.0432	0.0432	0.04320	0.00	0.00000
34 35	0.1187	0.1190	0.11885	0.13	0.00015
36 37	0.2052	0.2063	0.20575	0.27	0.00055
38 39	0.1292	0.1268	0.12800	0.94	0.00120

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2302971-4	Vial:	10
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 4:07:27 PM
Data file:	C:\Chem32\1\Data\01Mar23\10.D	Analyst:	Abbott

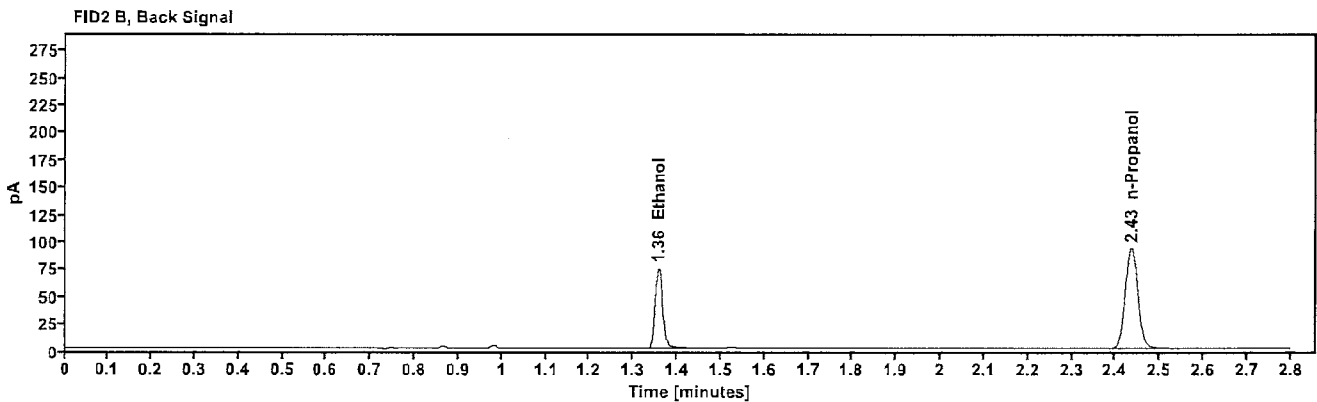
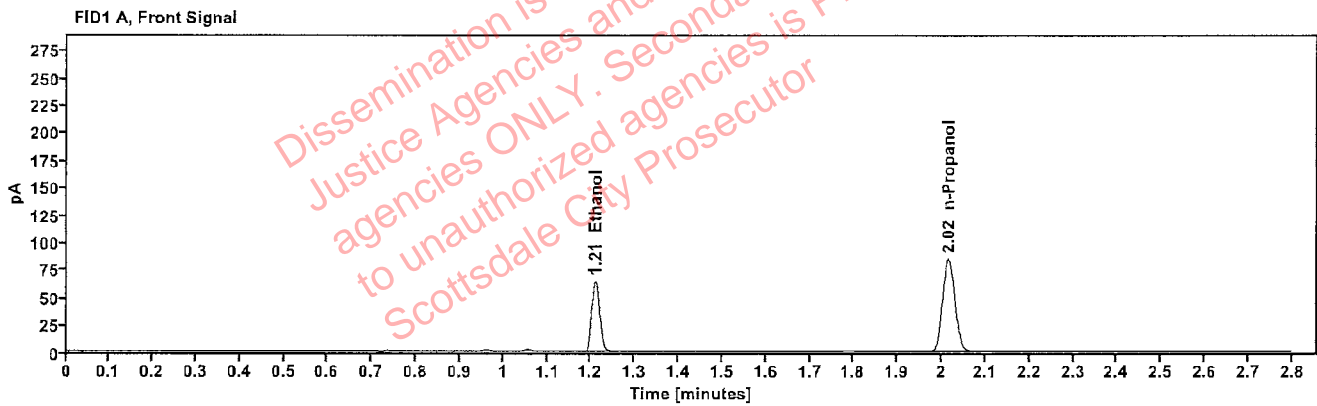


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1301	1.210	81.873
n-Propanol	-----	2.015	168.715

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

Compound	Time (min)	Peak Area
Ethanol	1.357	89.393
n-Propanol	2.435	183.092

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2302971-4	Vial:	11
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 4:11:26 PM
Data file:	C:\Chem32\1\Data\01Mar23\11.D	Analyst:	Abbott

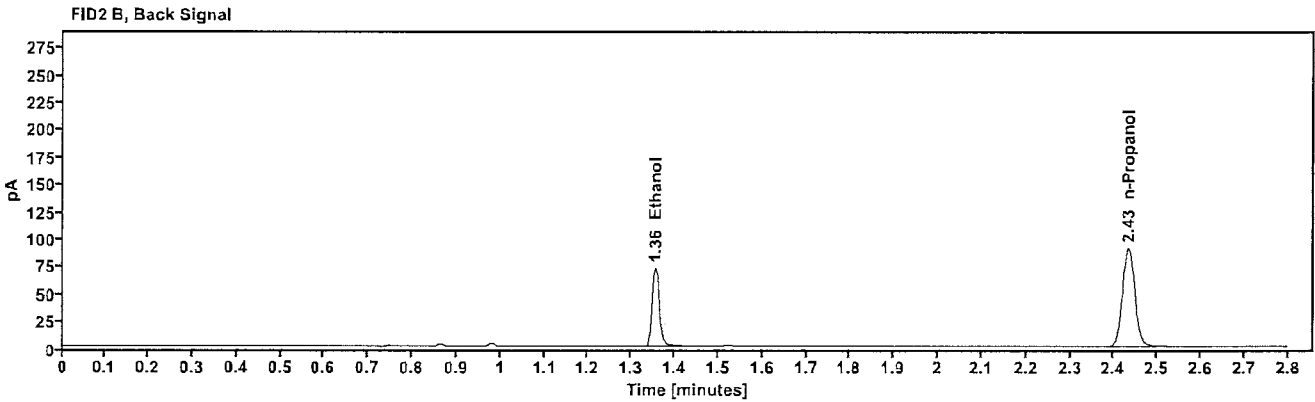
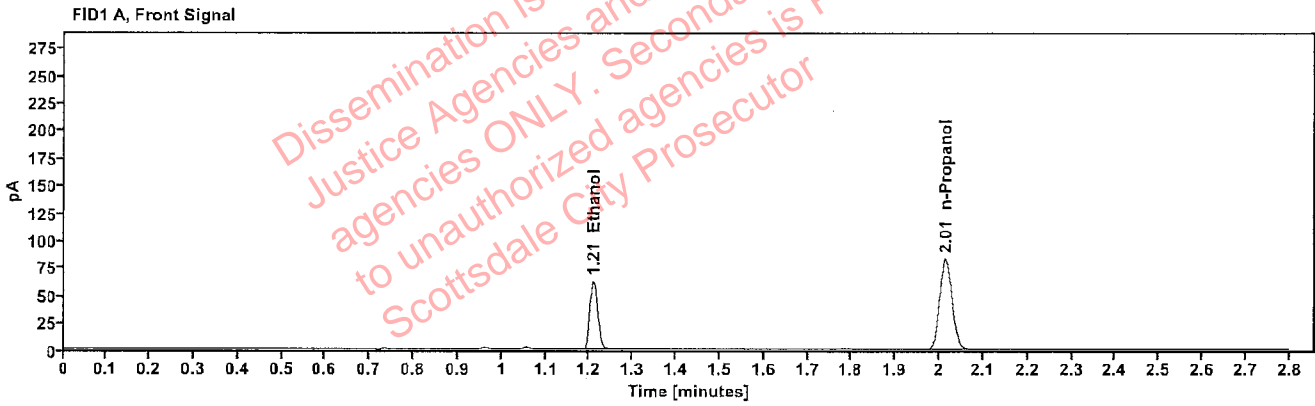


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1287	1.209	79.265
n-Propanol	-----	2.014	165.143

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

Compound	Time (min)	Peak Area
Ethanol	1.355	86.407
n-Propanol	2.433	179.196

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2303236-2	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 4:15:26 PM
Data file:	C:\Chem32\1\Data\01Mar23\12.D	Analyst:	Abbott

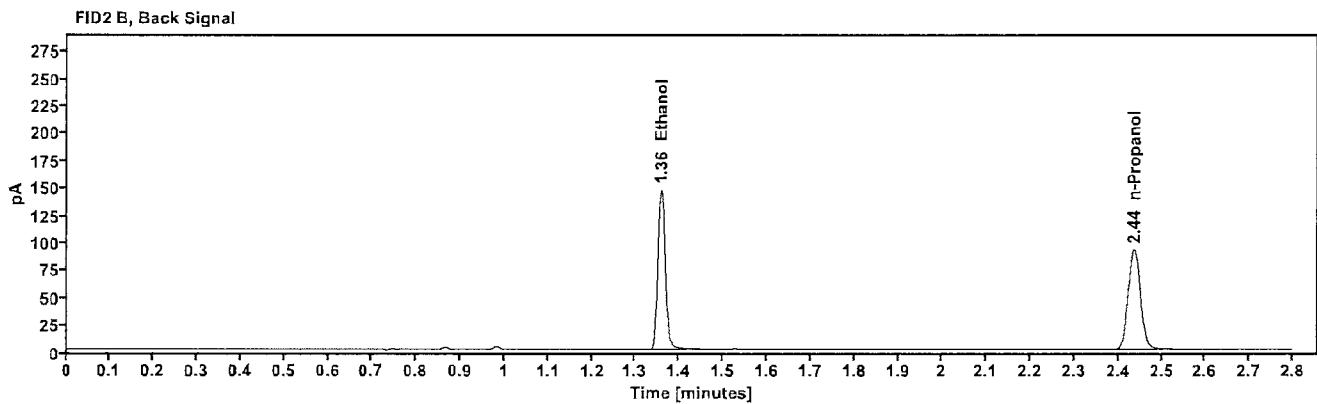
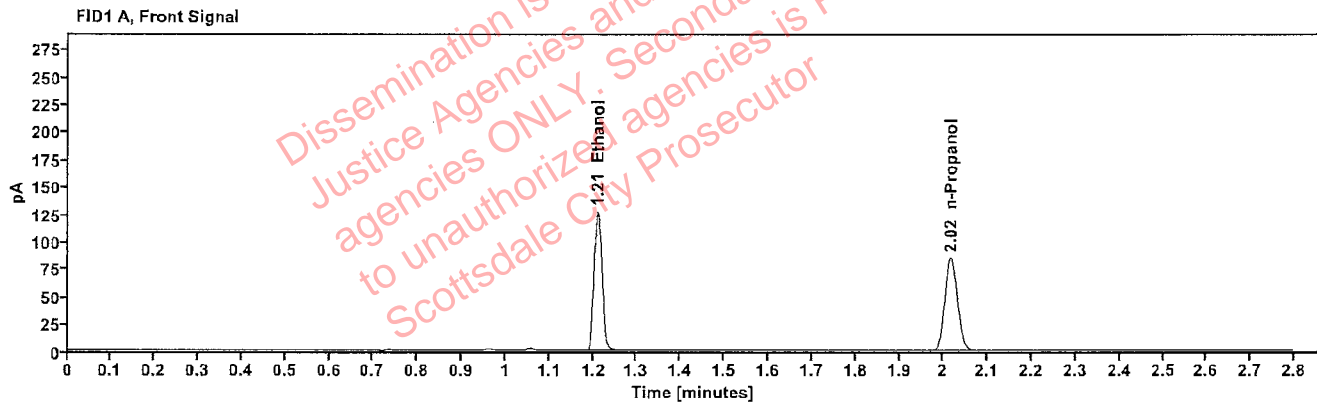


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2590	1.210	162.524
n-Propanol	-----	2.016	168.485

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

Compound	Time (min)	Peak Area
Ethanol	1.358	178.309
n-Propanol	2.436	182.670

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2303236-2	Vial:	13
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 4:19:42 PM
Data file:	C:\Chem32\1\Data\01Mar23\13.D	Analyst:	Abbott

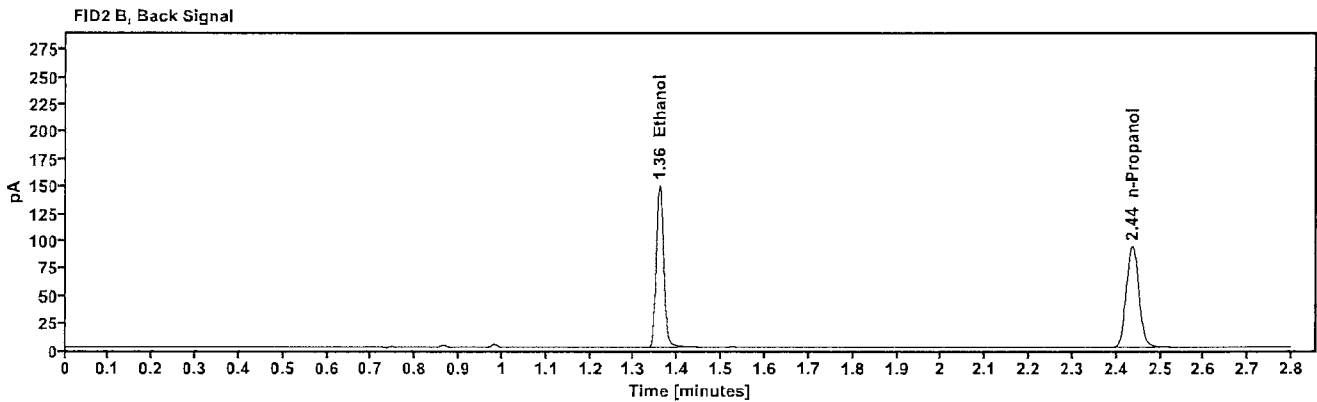
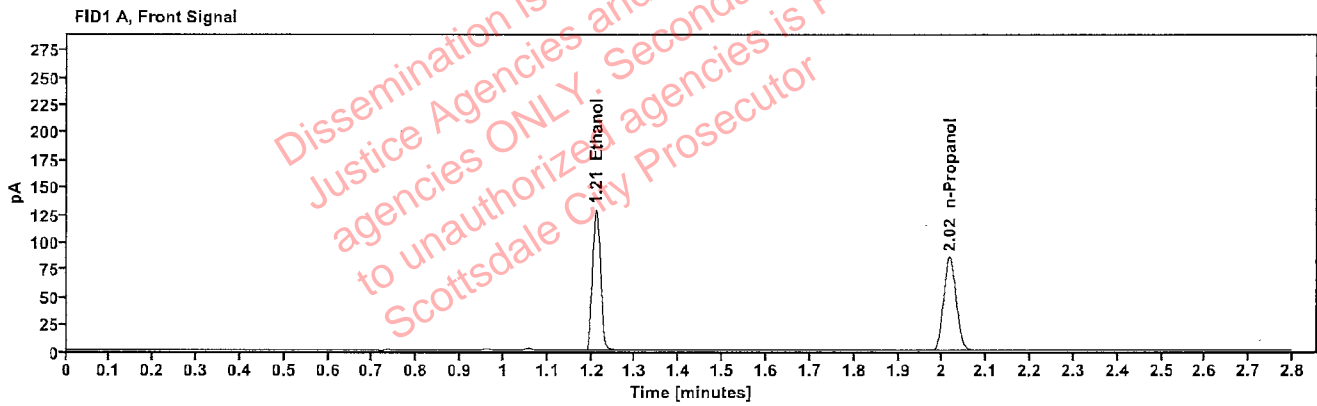


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2600	1.210	164.744
n-Propanol	-----	2.016	170.183

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

Compound	Time (min)	Peak Area
Ethanol	1.358	180.724
n-Propanol	2.436	184.533

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2303252-2	Vial:	14
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 4:23:41 PM
Data file:	C:\Chem32\1\Data\01Mar23\14.D	Analyst:	Abbott

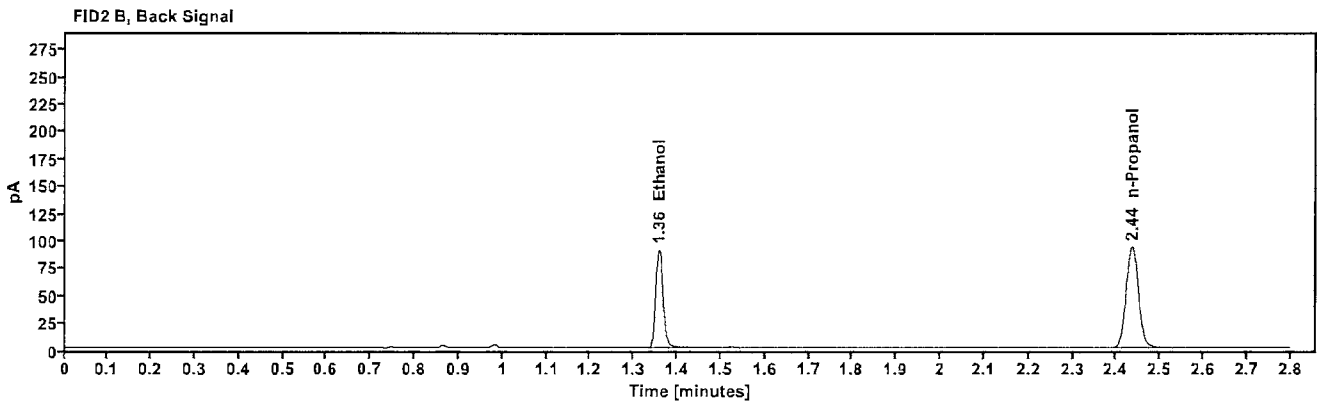
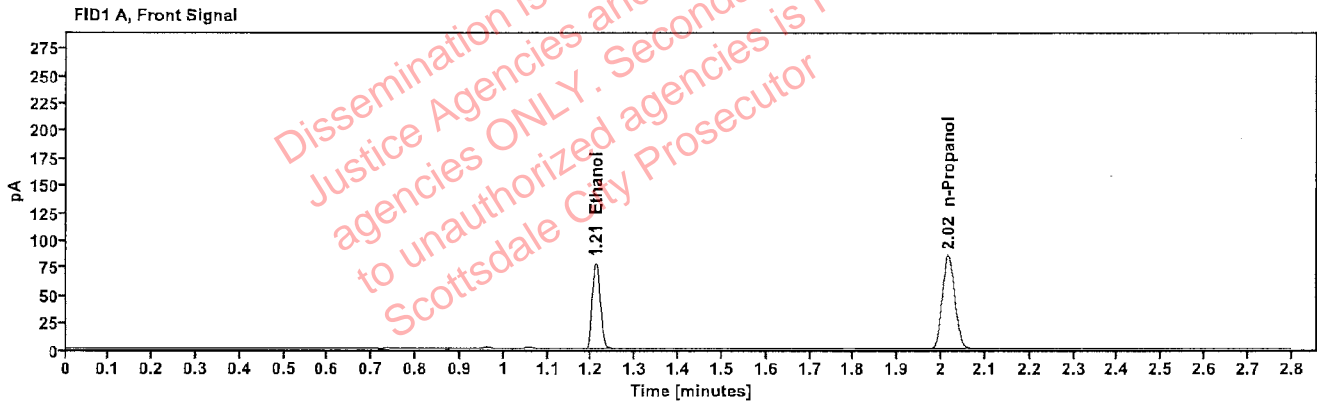


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1583	1.210	100.234
n-Propanol	-----	2.016	169.895

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

Compound	Time (min)	Peak Area
Ethanol	1.357	109.519
n-Propanol	2.435	184.100

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2303252-2	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 4:27:41 PM
Data file:	C:\Chem32\1\Data\01Mar23\15.D	Analyst:	Abbott

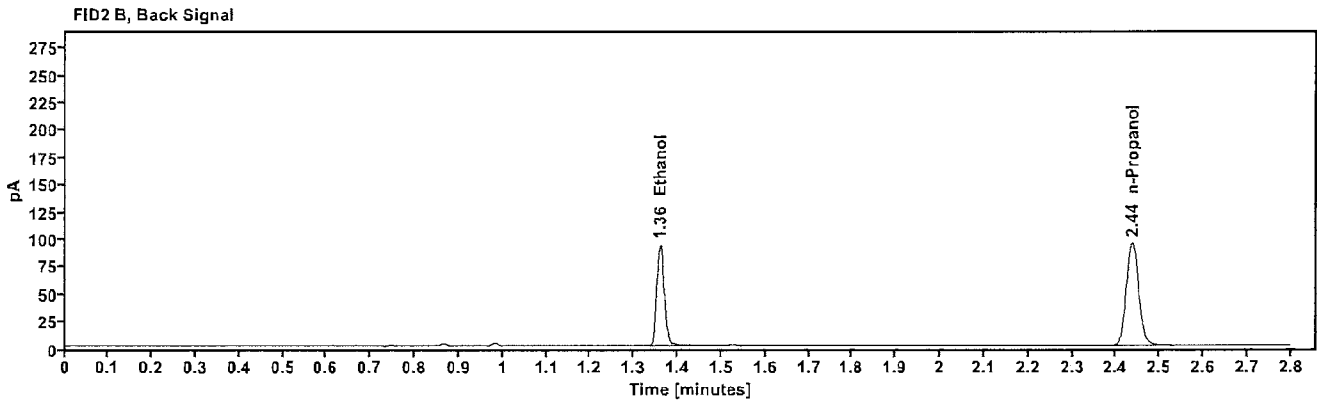
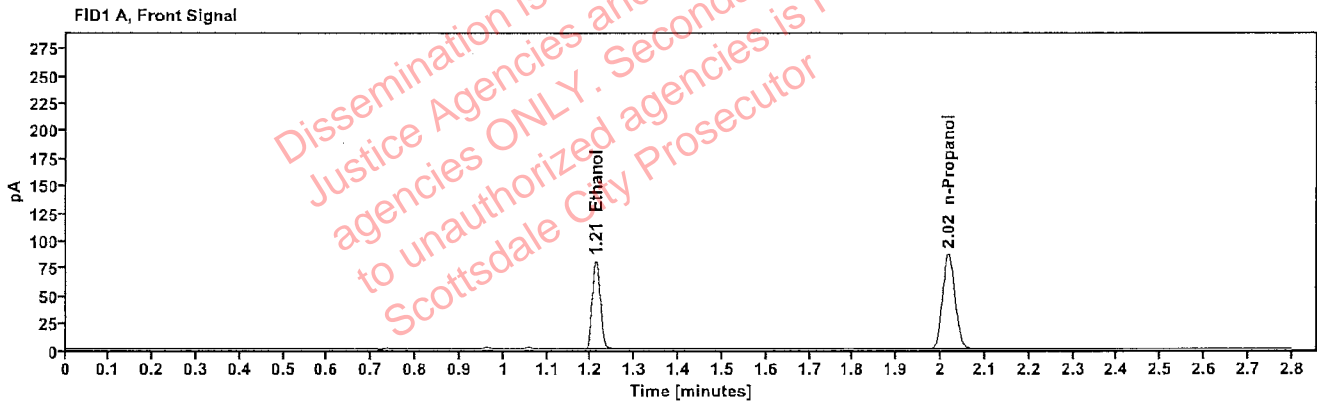


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1609	1.211	103.683
n-Propanol	-----	2.017	172.941

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

Compound	Time (min)	Peak Area
Ethanol	1.360	113.089
n-Propanol	2.437	187.356

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2303367-2	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 4:31:41 PM
Data file:	C:\Chem32\1\Data\01Mar23\16.D	Analyst:	Abbott

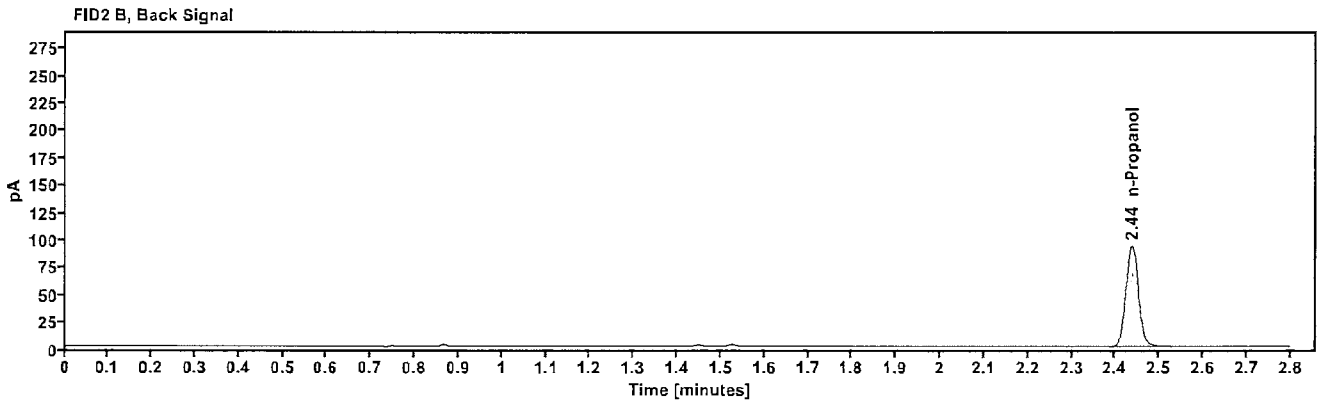
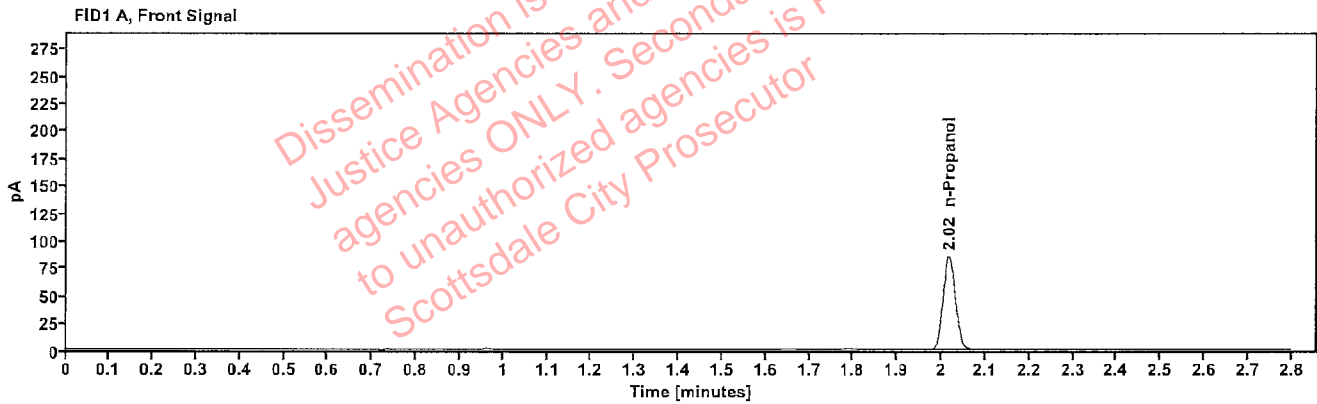


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	169.922

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

Compound	Time (min)	Peak Area
n-Propanol	2.437	184.655

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2303367-2	Vial:	17
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 4:35:41 PM
Data file:	C:\Chem32\1\Data\01Mar23\17.D	Analyst:	Abbott

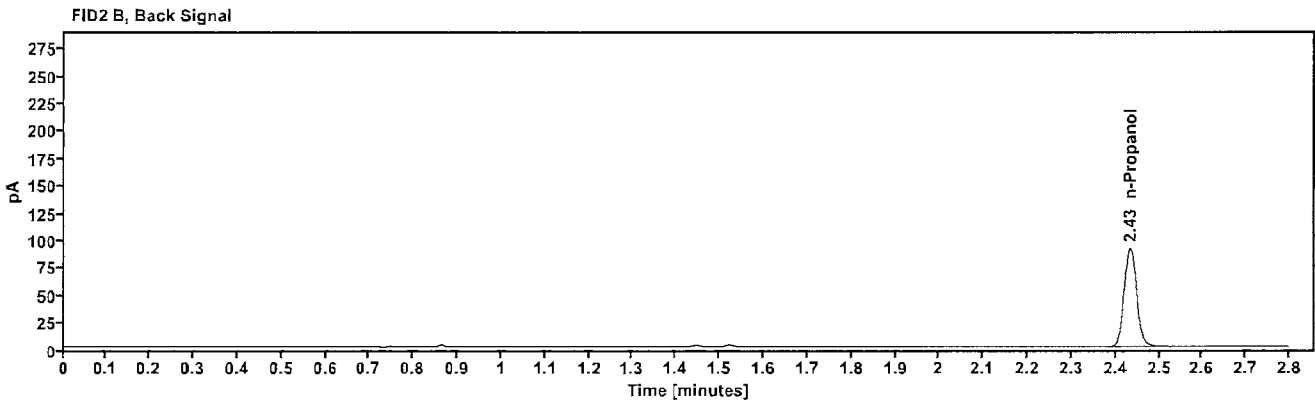
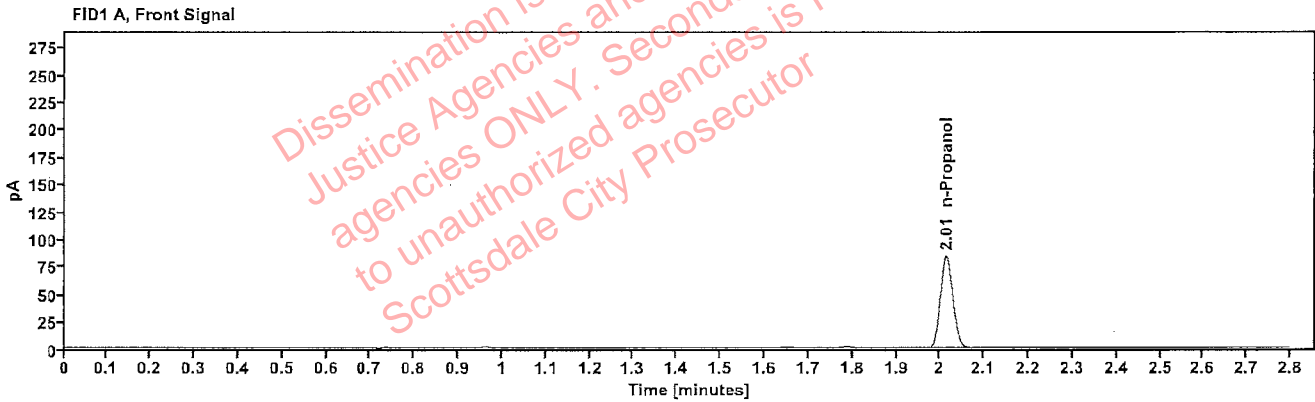


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.014	166.320

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

Compound	Time (min)	Peak Area
n-Propanol	2.433	180.909

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2303592-2	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 4:39:41 PM
Data file:	C:\Chem32\1\Data\01Mar23\18.D	Analyst:	Abbott

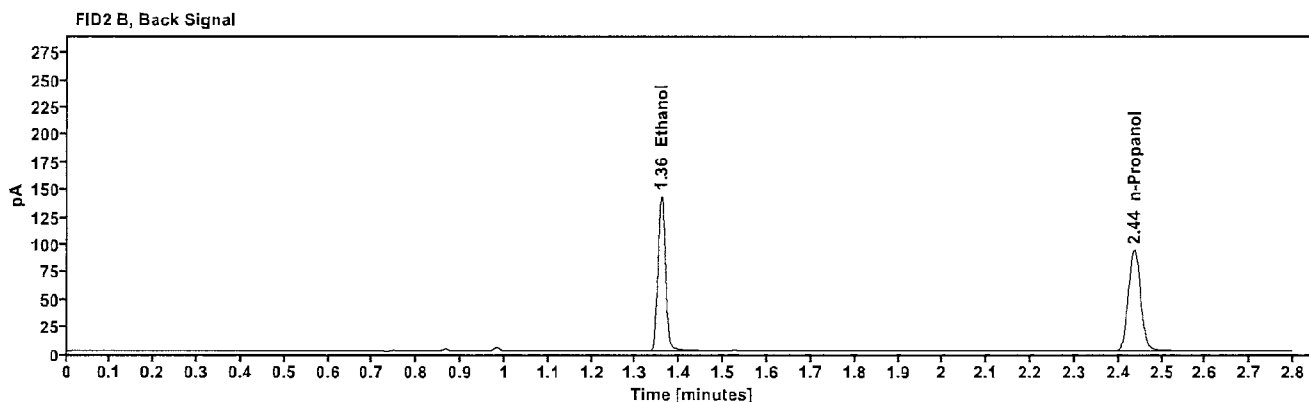
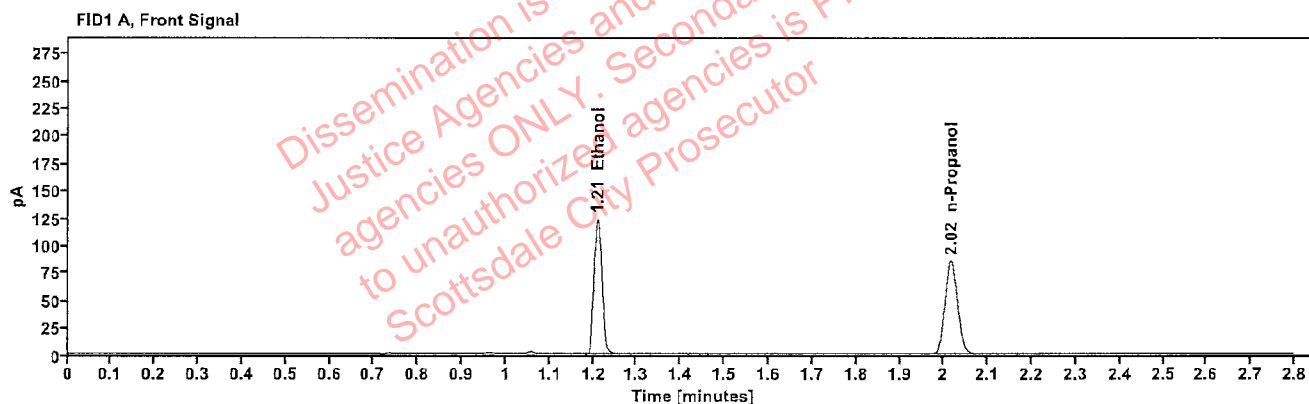


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2496	1.210	157.825
n-Propanol	-----	2.016	169.756

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

Compound	Time (min)	Peak Area
Ethanol	1.358	172.741
n-Propanol	2.436	184.033

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2303592-2	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 4:43:56 PM
Data file:	C:\Chem32\1\Data\01Mar23\19.D	Analyst:	Abbott

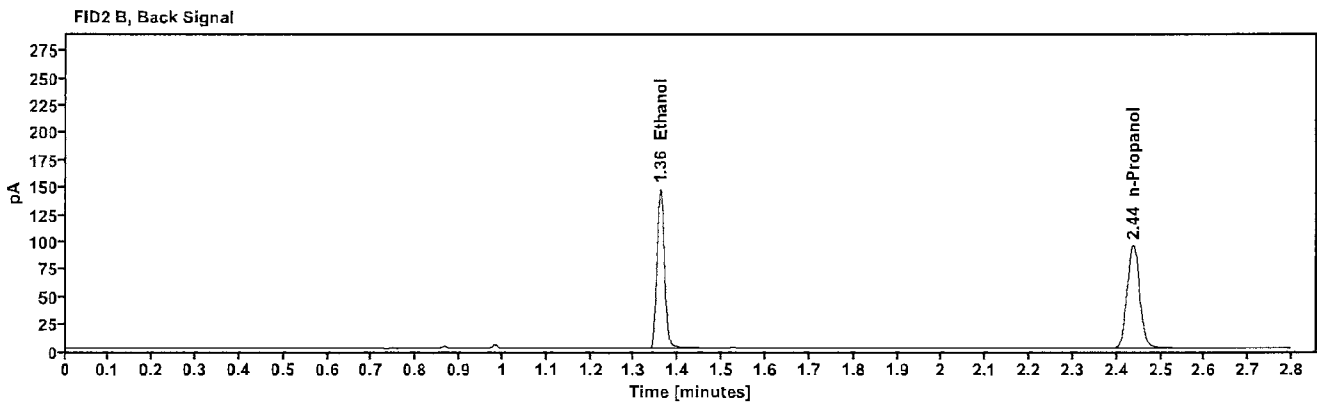
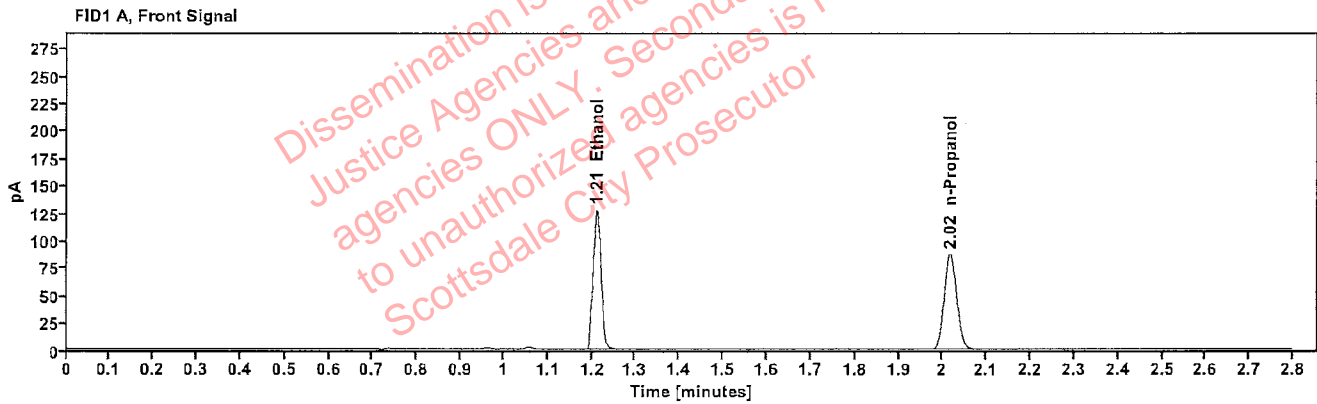


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2533	1.211	163.020
n-Propanol	---	2.017	172.844

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

Compound	Time (min)	Peak Area
Ethanol	1.359	178.673
n-Propanol	2.437	187.495

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1437227	Vial:	21
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 4:51:56 PM
Data file:	C:\Chem32\1\Data\01Mar23\21.D	Analyst:	Abbott

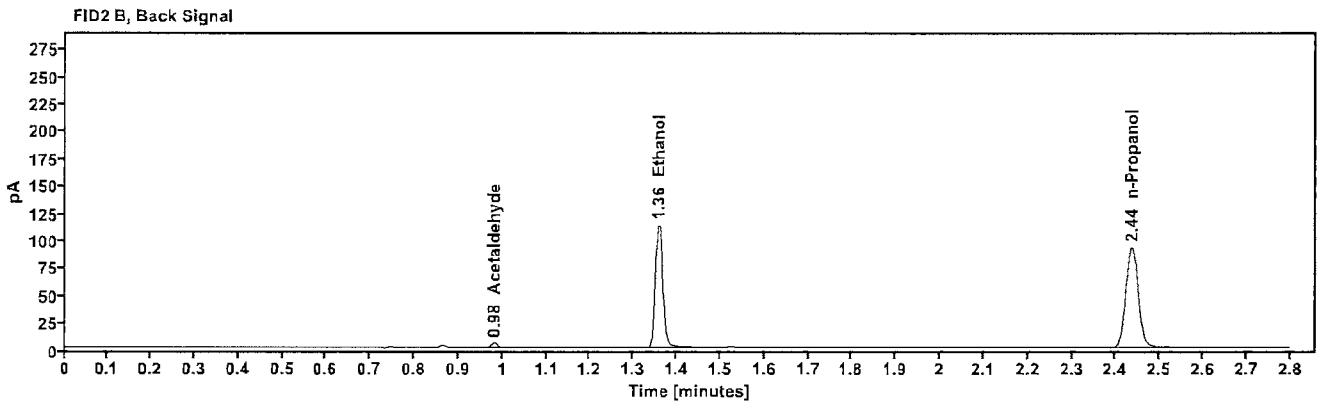
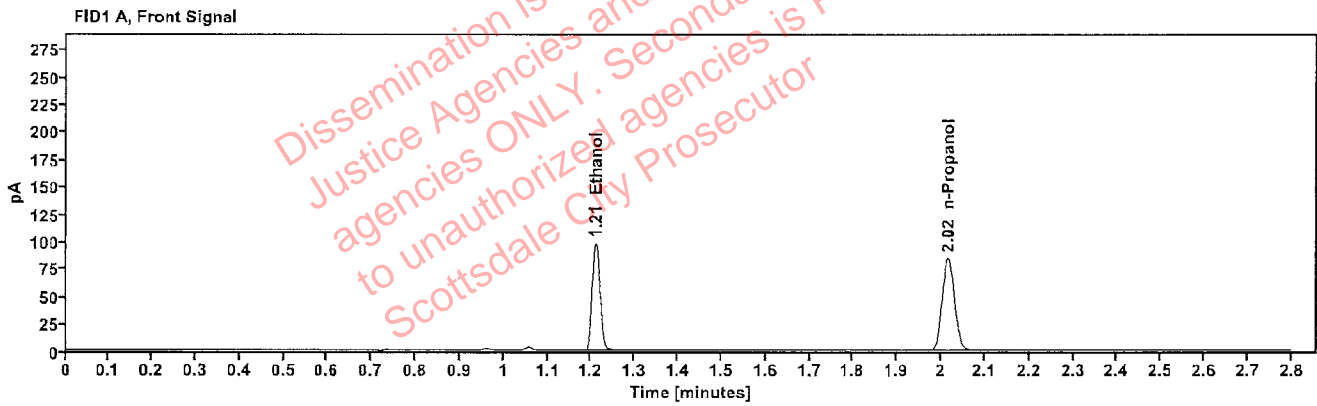


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1996	1.210	125.085
n-Propanol	-----	2.016	168.197

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.981	3.965
Ethanol	1.358	136.477
n-Propanol	2.436	182.565

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1437227	Vial:	22
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 4:55:56 PM
Data file:	C:\Chem32\1\Data\01Mar23\22.D	Analyst:	Abbott

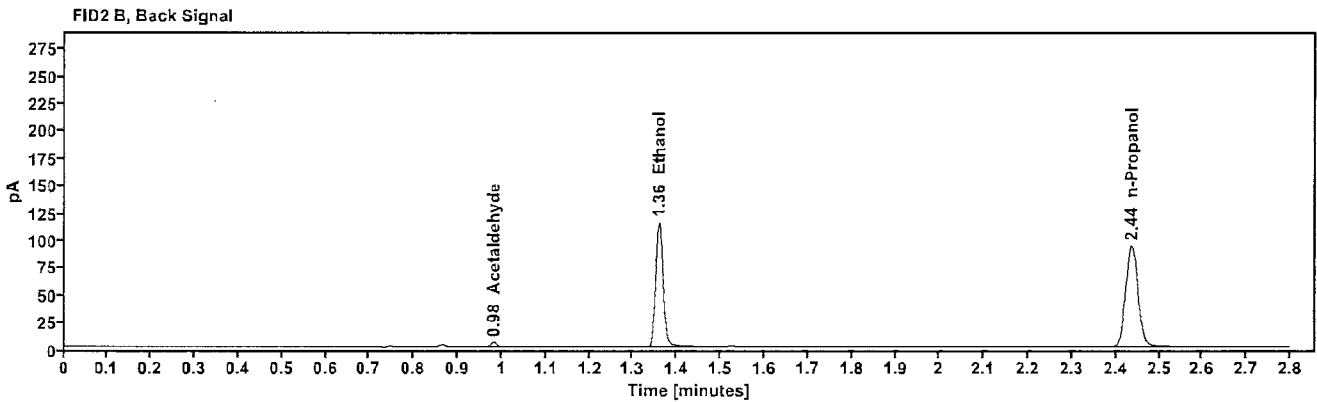
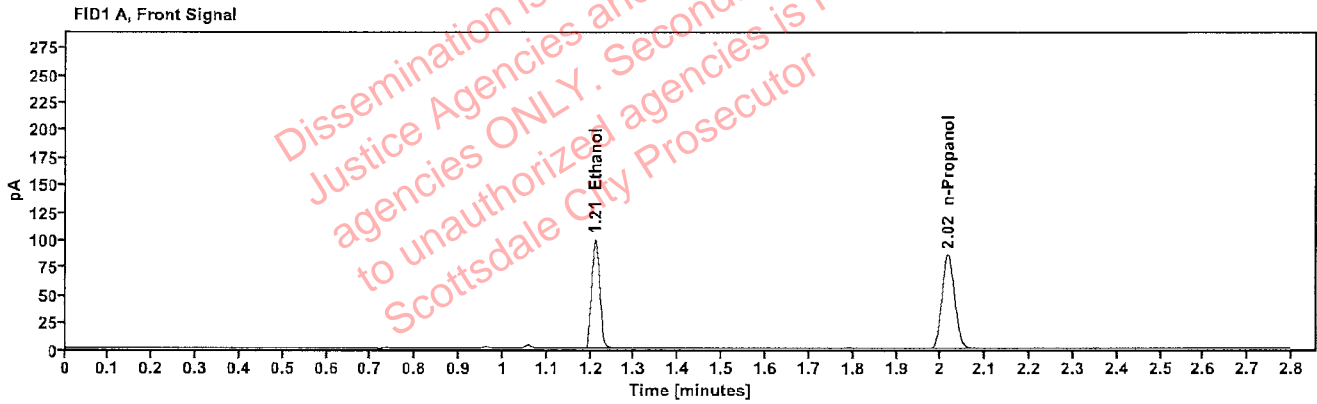


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2006	1.210	127.326
n-Propanol	-----	2.016	170.371

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.981	3.990
Ethanol	1.358	138.888
n-Propanol	2.436	185.095

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2303239-2	Vial:	23
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 4:59:56 PM
Data file:	C:\Chem32\1\Data\01Mar23\23.D	Analyst:	Abbott

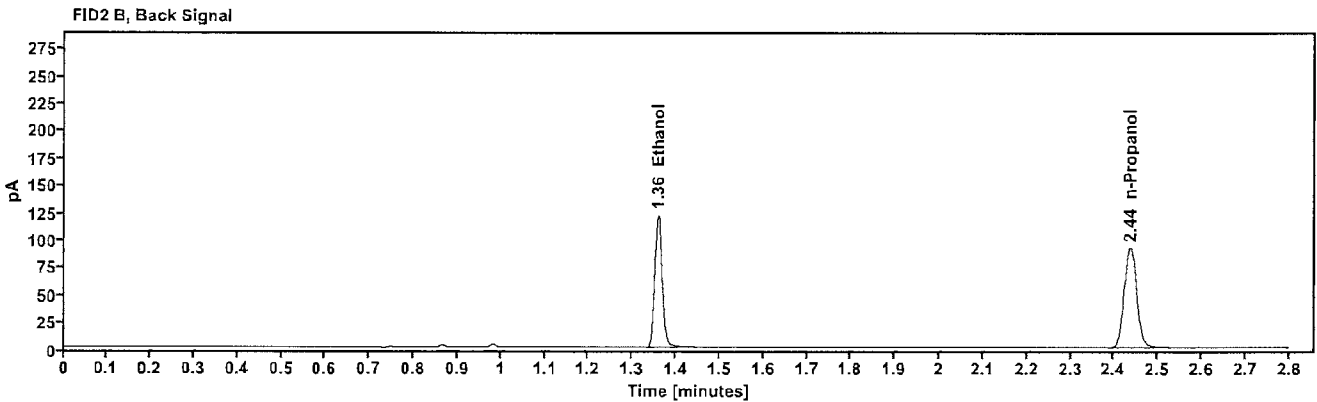
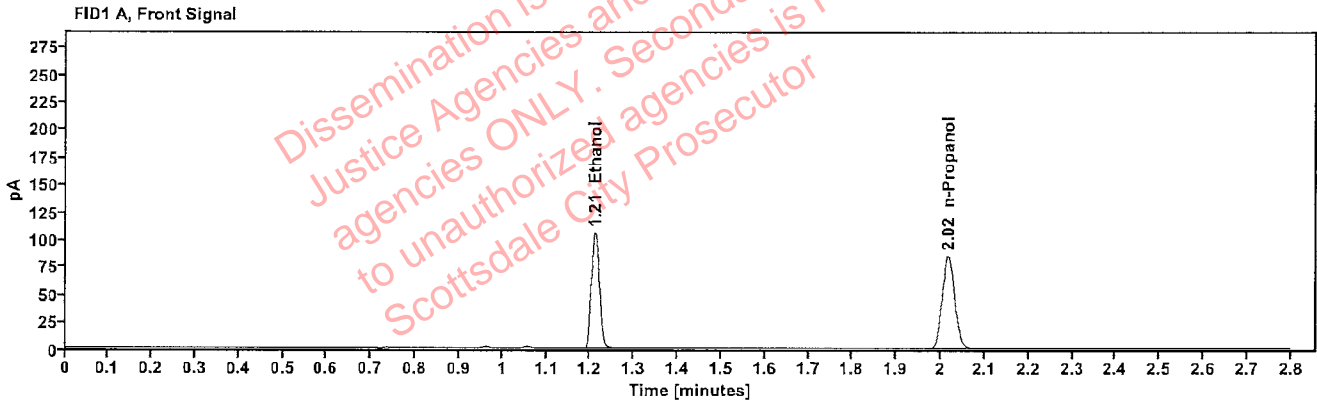


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2158	1.211	135.321
n-Propanol	-----	2.016	168.324

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

Compound	Time (min)	Peak Area
Ethanol	1.359	147.902
n-Propanol	2.437	182.524

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2303239-2	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 5:03:56 PM
Data file:	C:\Chem32\1\Data\01Mar23\24.D	Analyst:	Abbott

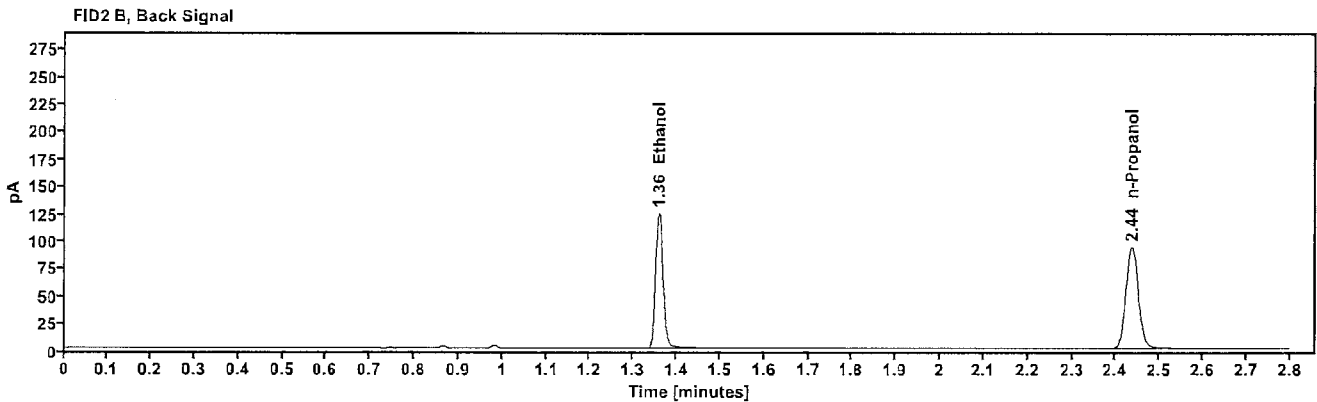
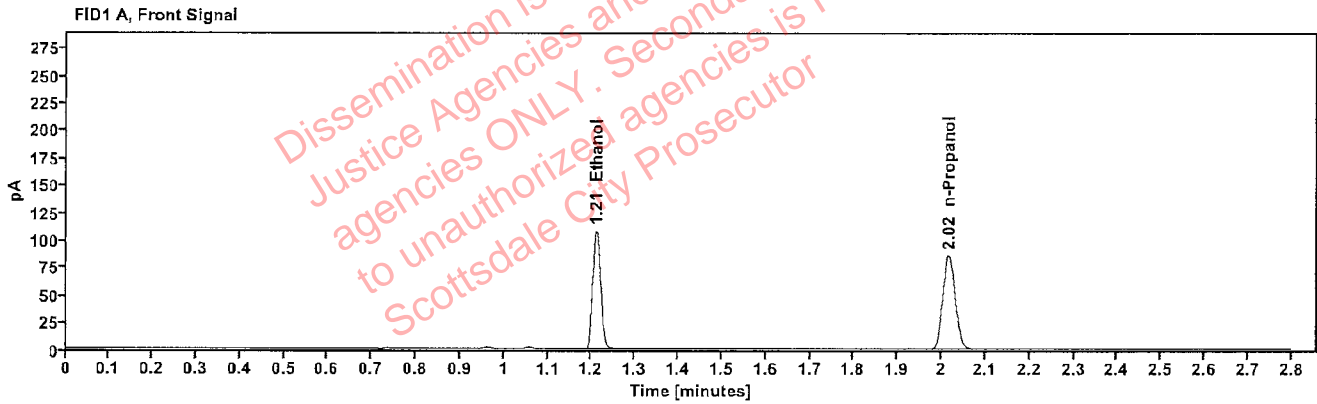


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2176	1.211	138.409
n-Propanol	-----	2.017	170.800

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

Compound	Time (min)	Peak Area
Ethanol	1.359	151.844
n-Propanol	2.437	185.296

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2303745-1	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 5:08:11 PM
Data file:	C:\Chem32\1\Data\01Mar23\25.D	Analyst:	Abbott

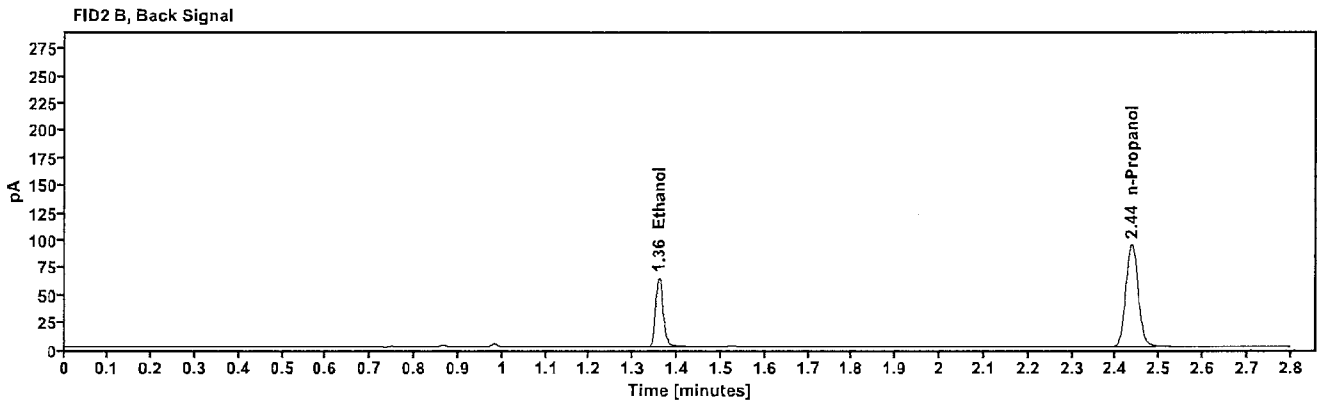
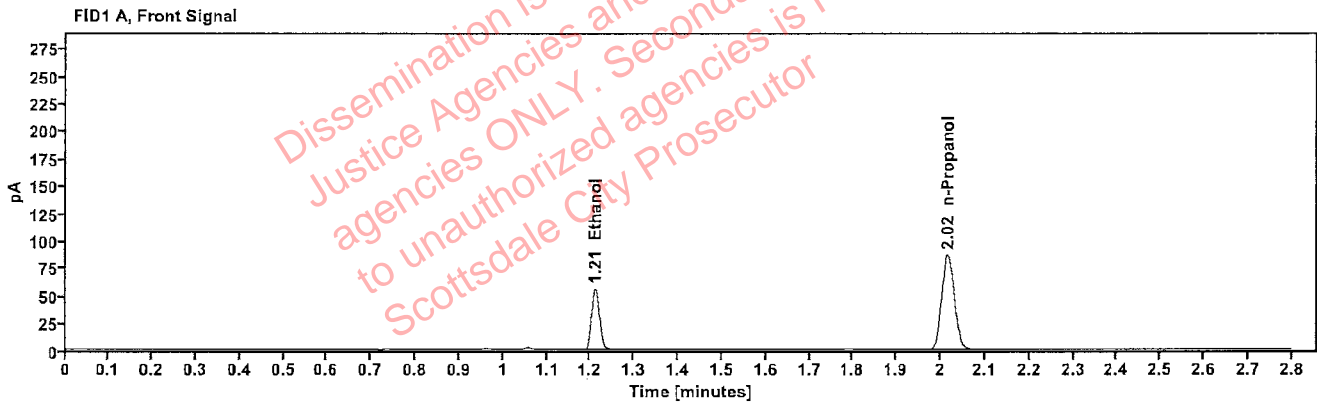


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1108	1.211	71.245
n-Propanol	-----	2.016	172.410

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

Compound	Time (min)	Peak Area
Ethanol	1.358	77.410
n-Propanol	2.436	186.810

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2303745-1	Vial:	26
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 5:12:11 PM
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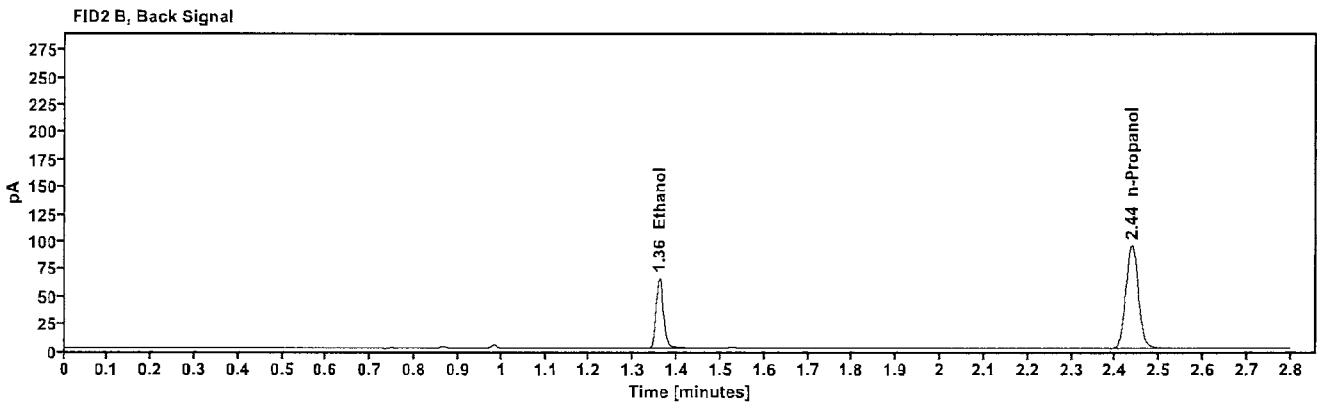
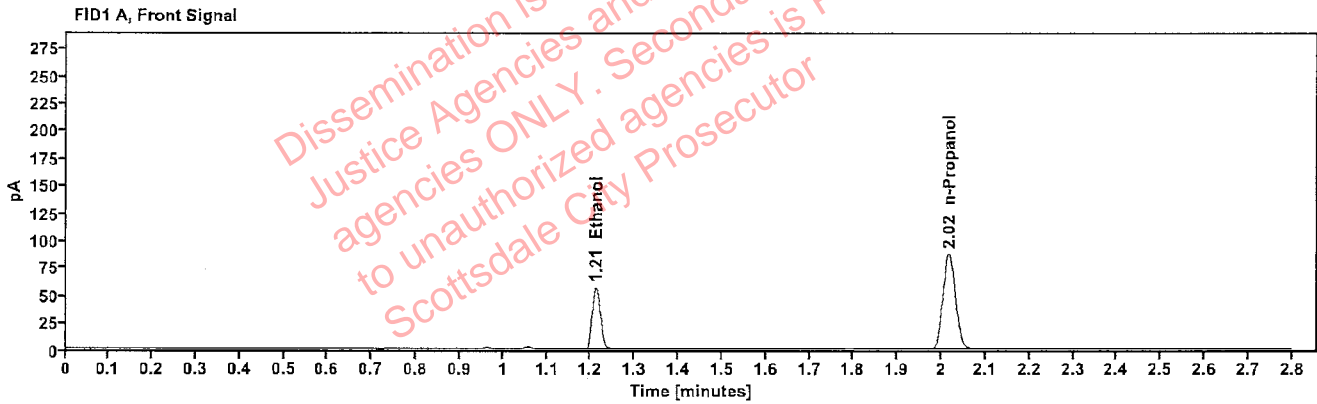


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1113	1.211	71.989
n-Propanol	-----	2.017	173.349

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

Compound	Time (min)	Peak Area
Ethanol	1.359	78.260
n-Propanol	2.437	188.011

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2303754-1	Vial:	27
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 5:16:11 PM
Data file:	C:\Chem32\1\Data\01Mar23\27.D	Analyst:	Abbott

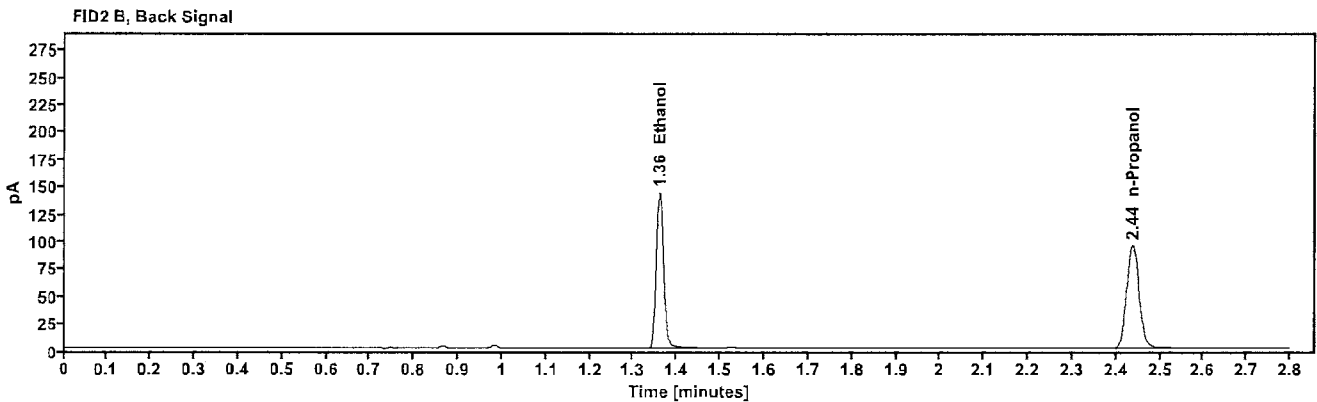
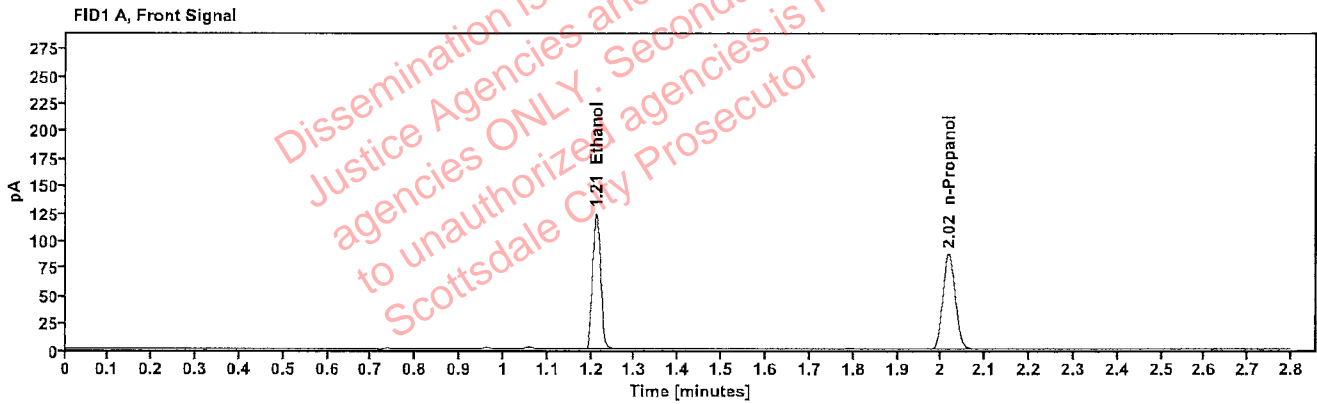


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2463	1.211	159.092
n-Propanol	-----	2.017	173.446

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

Compound	Time (min)	Peak Area
Ethanol	1.359	174.523
n-Propanol	2.437	188.088

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2303754-1	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 5:20:11 PM
Data file:	C:\Chem32\1\Data\01Mar23\28.D	Analyst:	Abbott

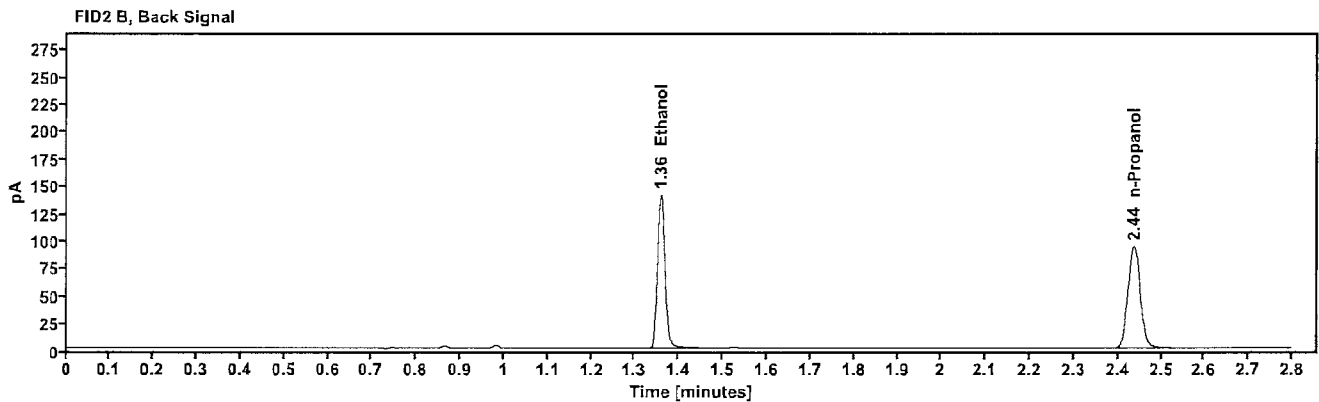
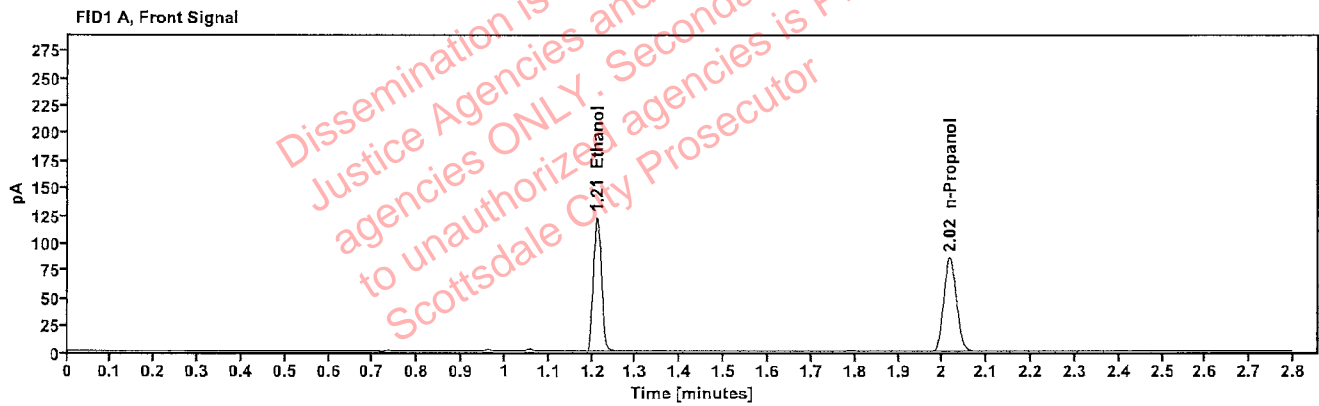


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2455	1.211	156.203
n-Propanol	-----	2.017	170.866

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

Compound	Time (min)	Peak Area
Ethanol	1.359	171.224
n-Propanol	2.437	185.221

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1436991	Vial:	29
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 5:24:12 PM
Data file:	C:\Chem32\1\Data\01Mar23\29.D	Analyst:	Abbott

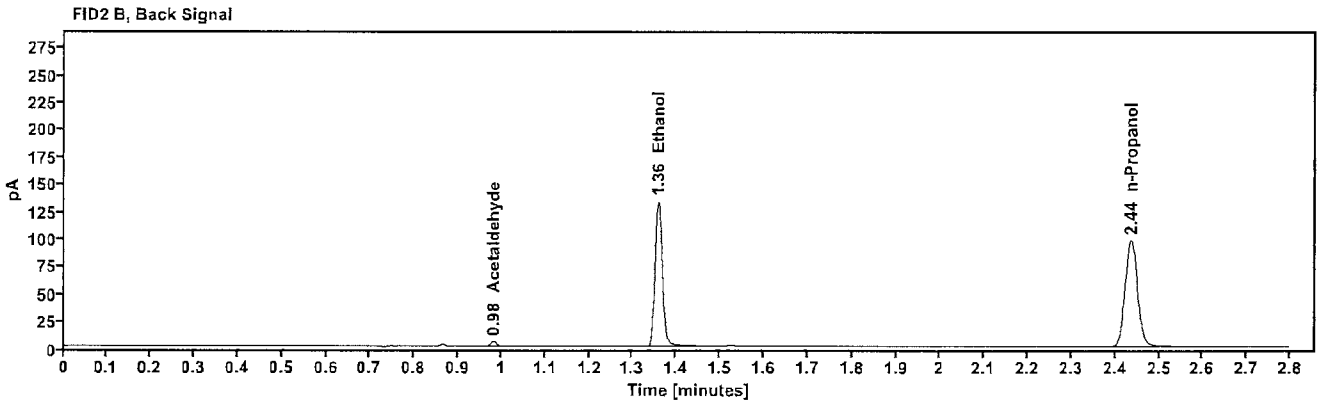
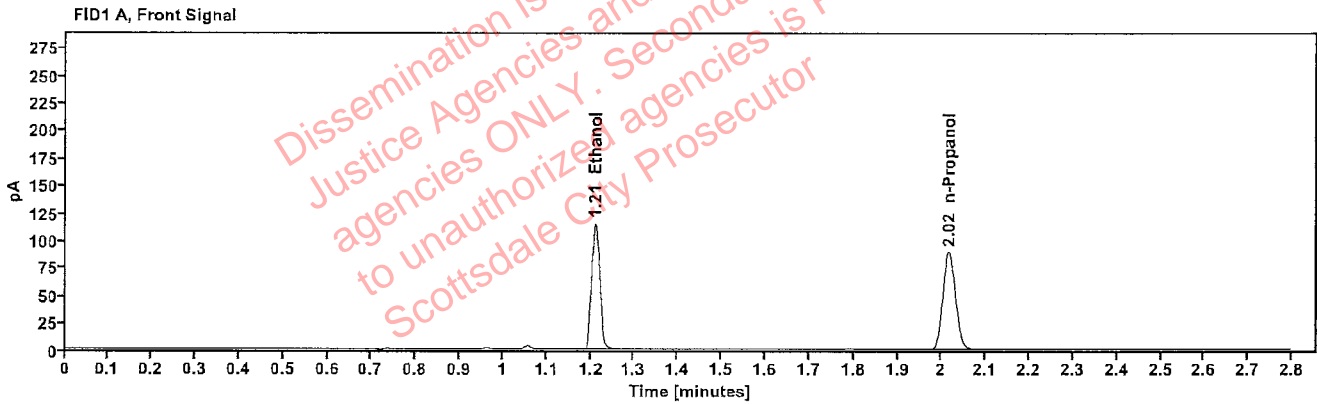


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2228	1.210	147.600
n-Propanol	-----	2.016	177.819

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.981	4.153
Ethanol	1.358	161.672
n-Propanol	2.436	193.018

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1436991	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 5:28:11 PM
Data file:	C:\Chem32\1\Data\01Mar23\30.D	Analyst:	Abbott

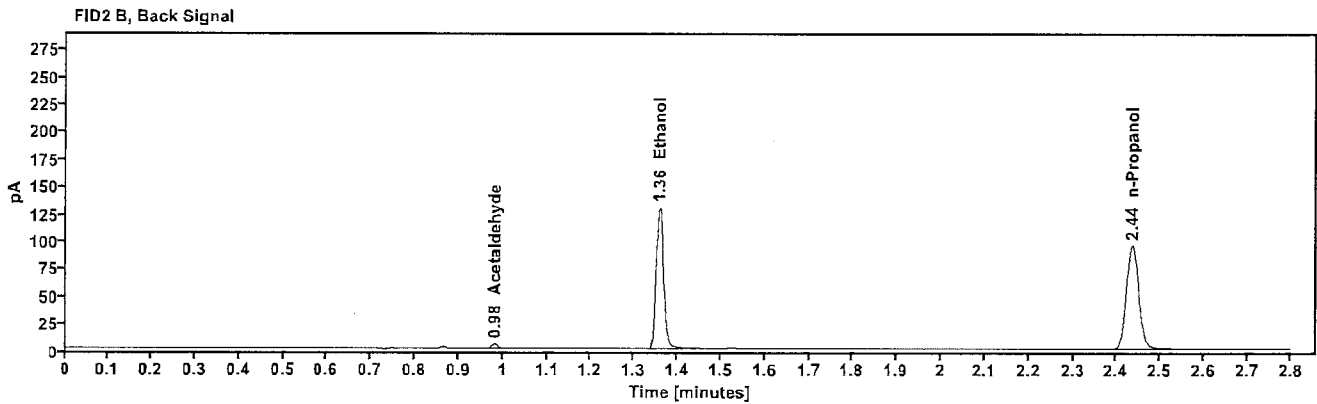
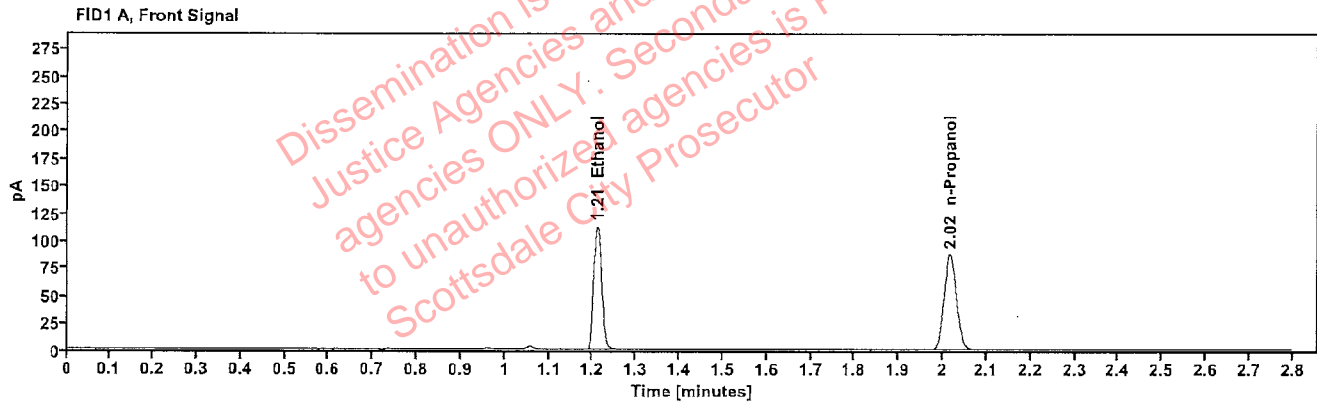


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2218	1.210	143.709
n-Propanol	-----	2.016	173.983

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.981	4.084
Ethanol	1.358	156.954
n-Propanol	2.436	188.812

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304033-2	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 5:36:26 PM
Data file:	C:\Chem32\1\Data\01Mar23\32.D	Analyst:	Abbott

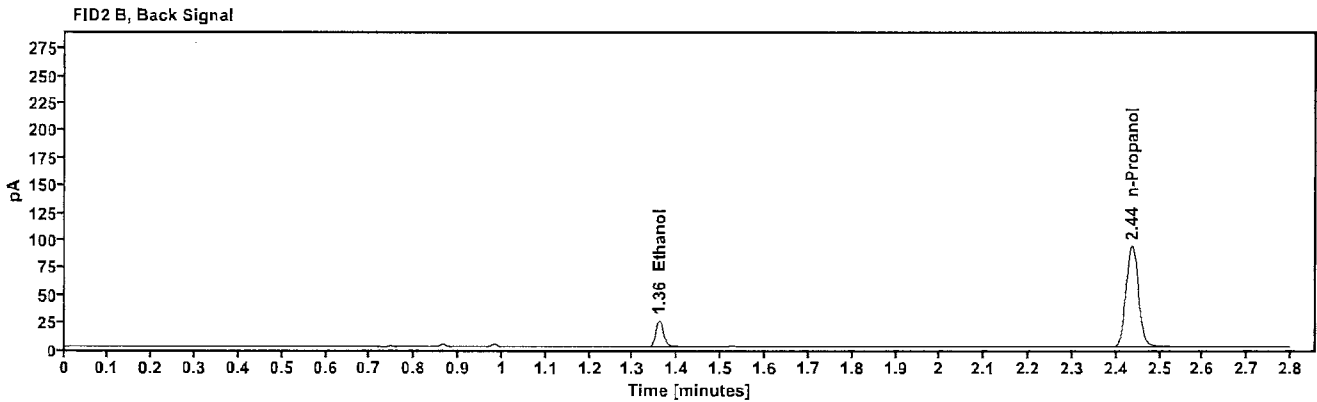
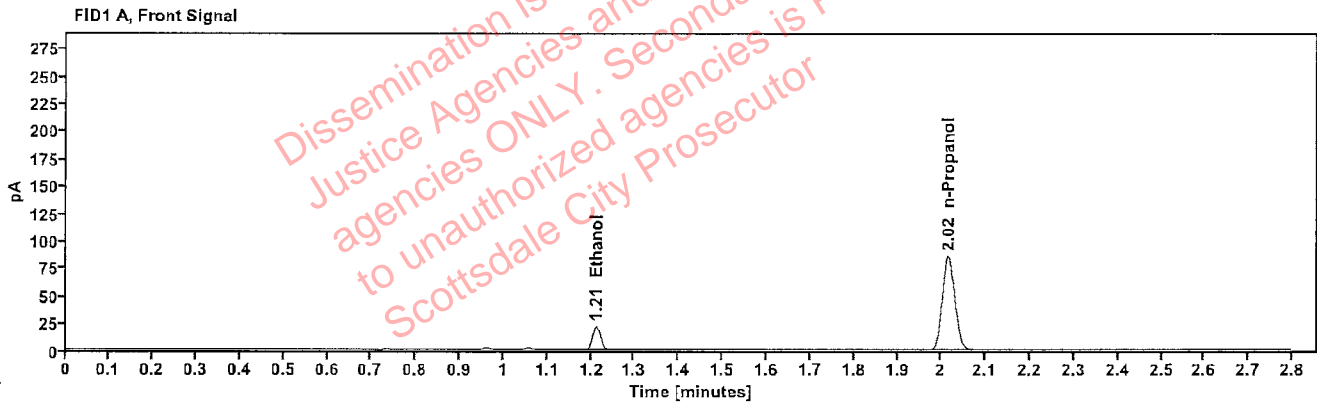


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0432	1.212	27.509
n-Propanol	---	2.016	170.023

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

Compound	Time (min)	Peak Area
Ethanol	1.359	30.264
n-Propanol	2.436	184.491

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304033-2	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 5:40:26 PM
Data file:	C:\Chem32\1\Data\01Mar23\33.D	Analyst:	Abbott

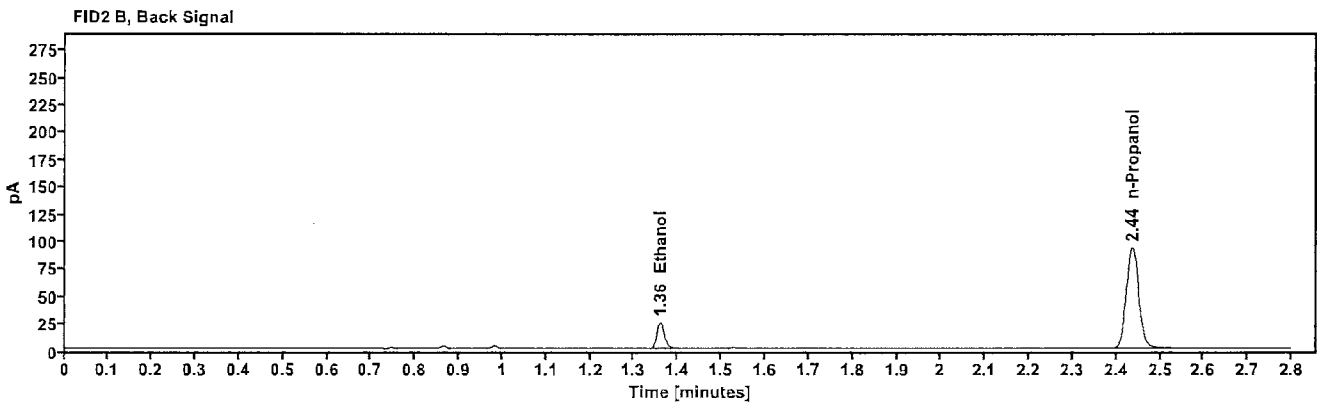
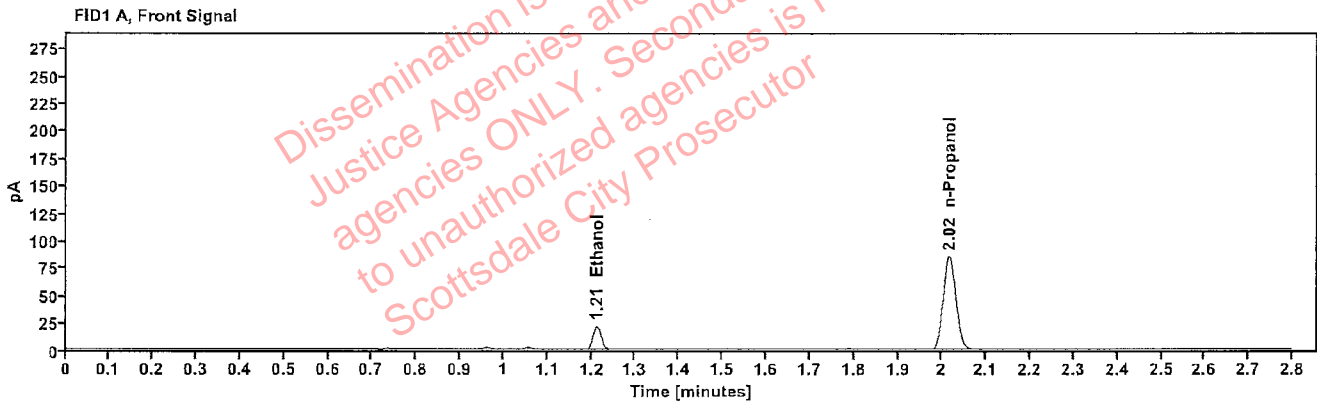


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0432	1.212	27.456
n-Propanol	---	2.016	169.637

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

Compound	Time (min)	Peak Area
Ethanol	1.359	30.206
n-Propanol	2.436	184.090

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2302547-2	Vial:	34
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 5:44:26 PM
Data file:	C:\Chem32\1\Data\01Mar23\34.D	Analyst:	Abbott

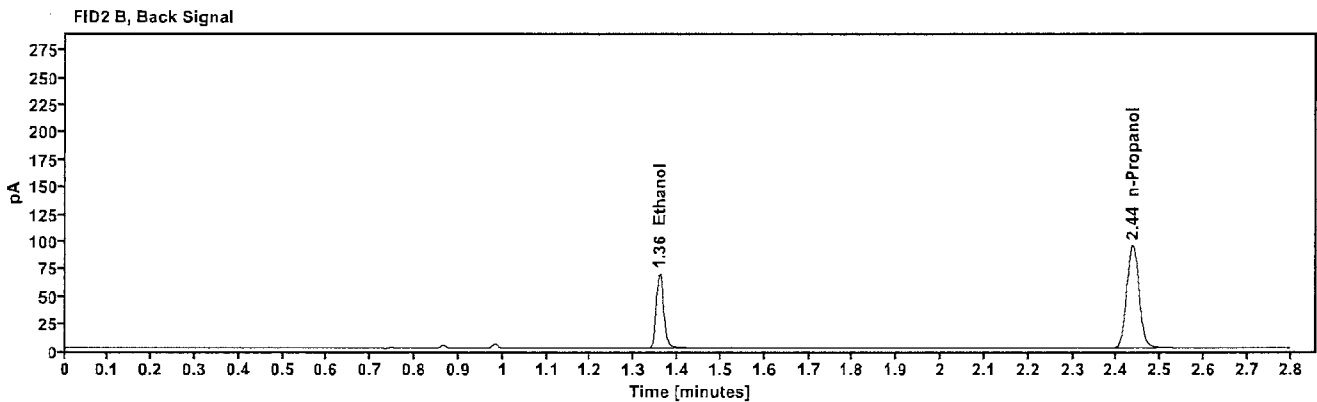
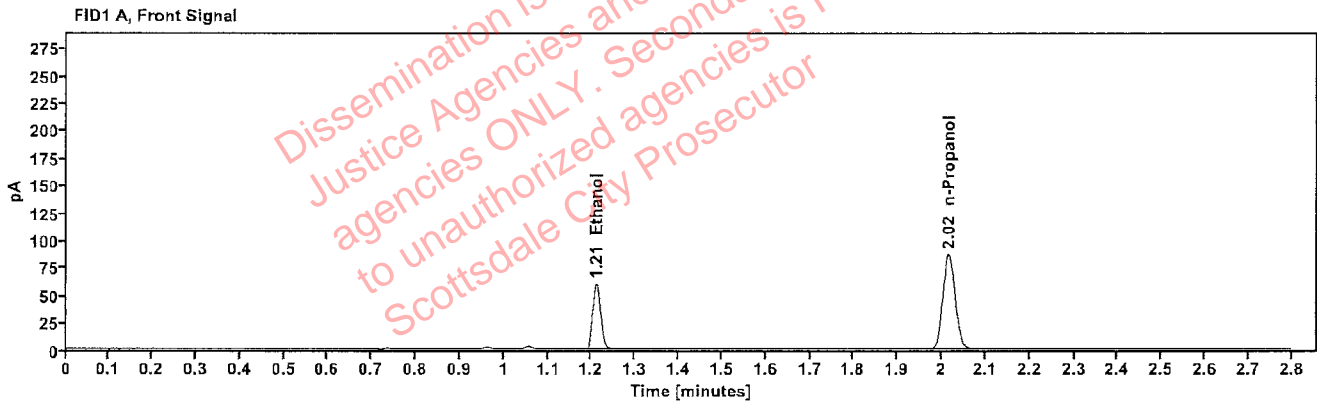


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1187	1.211	76.120
n-Propanol	---	2.016	171.959

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

Compound	Time (min)	Peak Area
Ethanol	1.358	82.873
n-Propanol	2.436	186.648

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2302547-2	Vial:	35
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 5:48:26 PM
Data file:	C:\Chem32\1\Data\01Mar23\35.D	Analyst:	Abbott

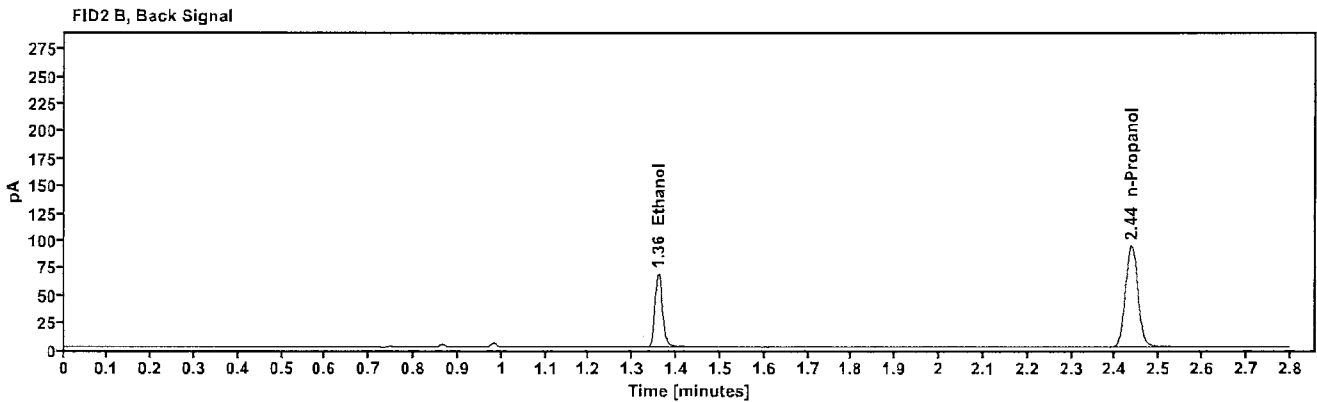
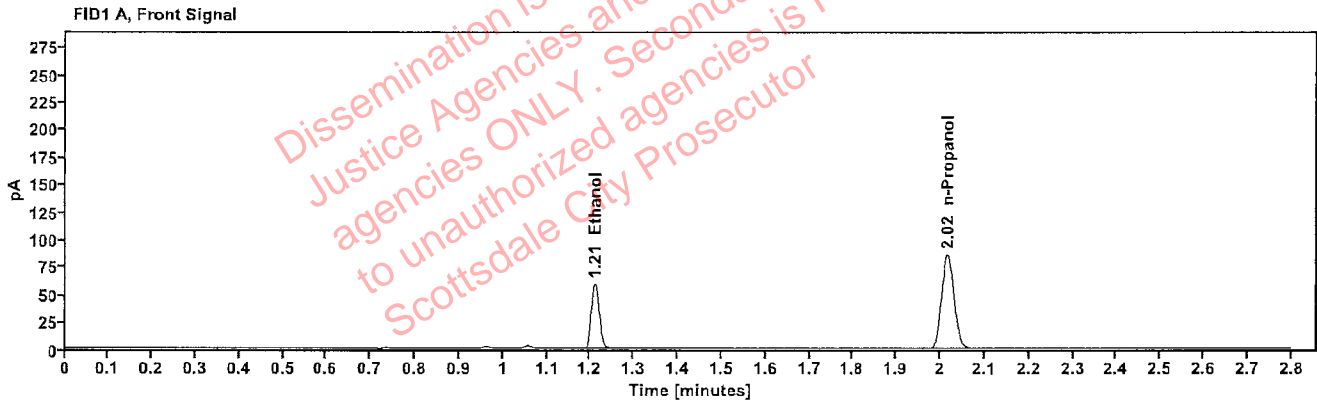


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1190	1.211	75.494
n-Propanol	-----	2.016	170.111

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

Compound	Time (min)	Peak Area
Ethanol	1.358	82.238
n-Propanol	2.436	184.591

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304045-3	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 5:52:26 PM
Data file:	C:\Chem32\1\Data\01Mar23\36.D	Analyst:	Abbott

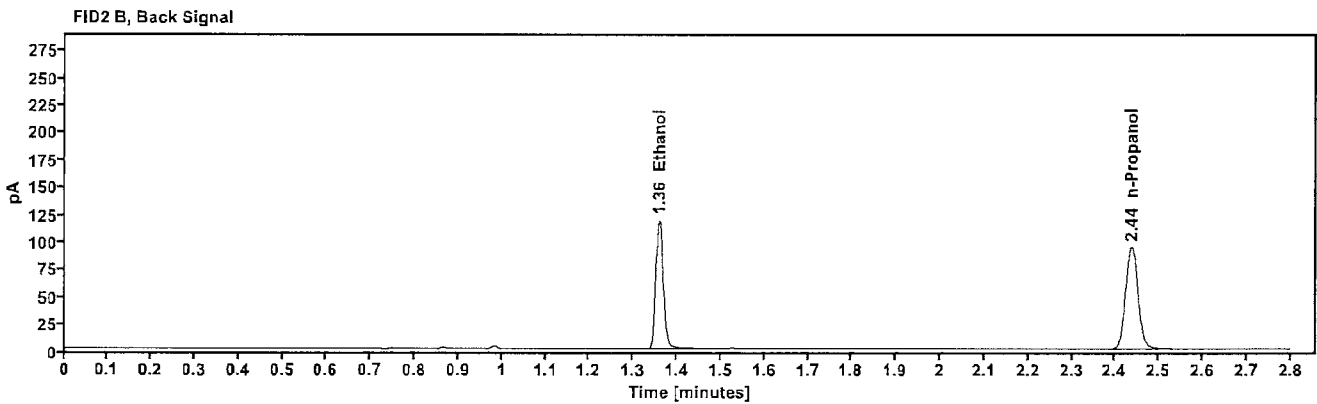
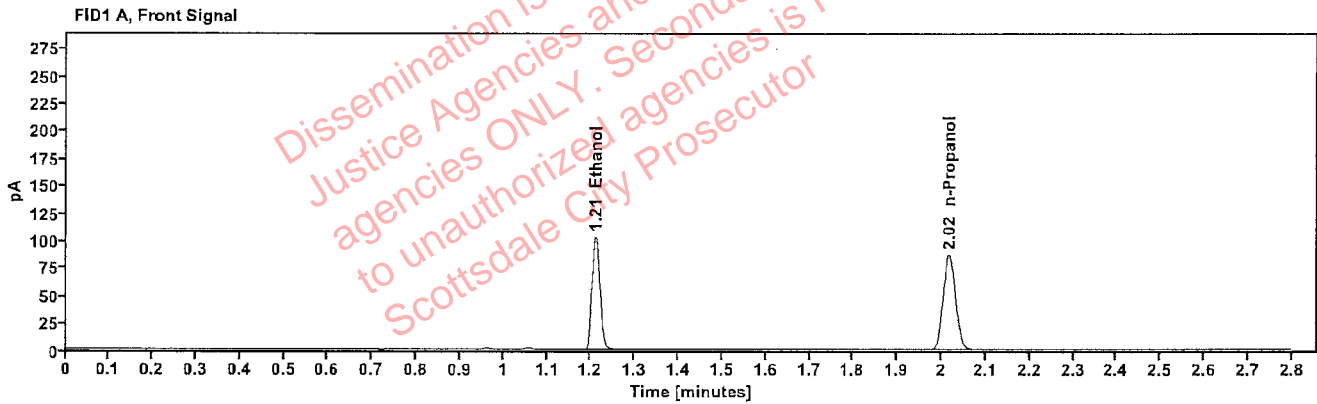


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2052	1.211	131.473
n-Propanol	-----	2.017	172.023

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

Compound	Time (min)	Peak Area
Ethanol	1.359	144.044
n-Propanol	2.437	186.822

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2304045-3	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 5:56:42 PM
Data file:	C:\Chem32\1\Data\01Mar23\37.D	Analyst:	Abbott

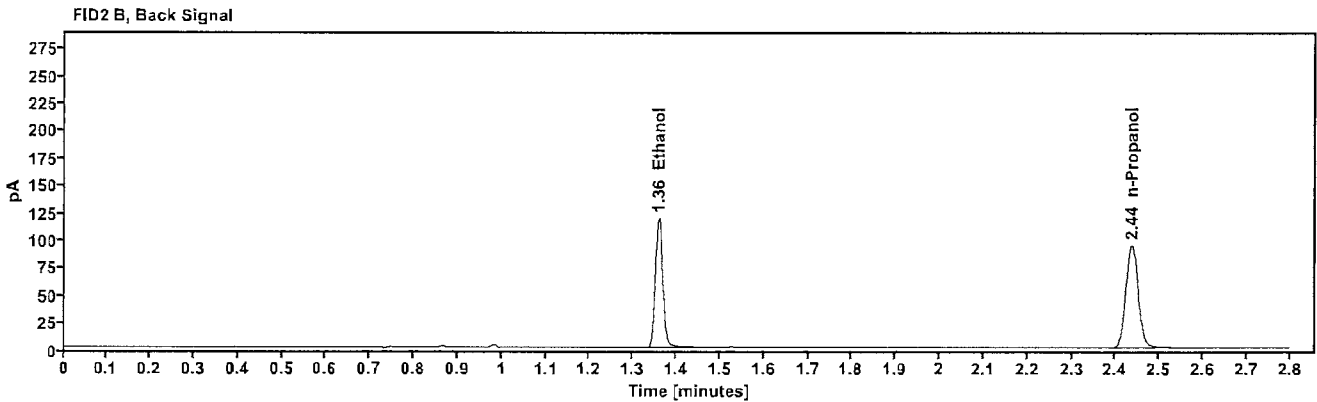
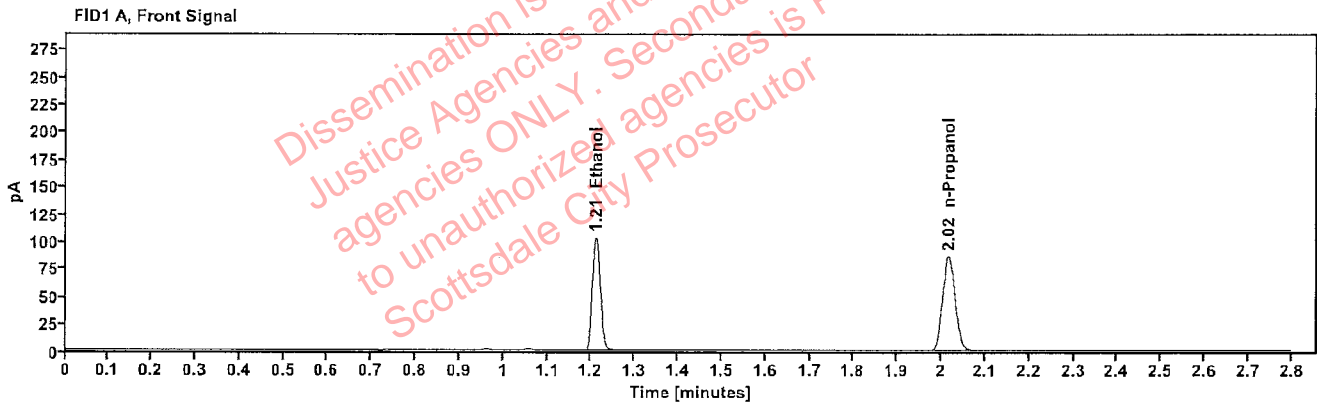


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2063	1.211	131.816
n-Propanol	-----	2.016	171.513

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

Compound	Time (min)	Peak Area
Ethanol	1.358	144.245
n-Propanol	2.437	186.205

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301282-2	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 6:00:41 PM
Data file:	C:\Chem32\1\Data\01Mar23\38.D	Analyst:	Abbott

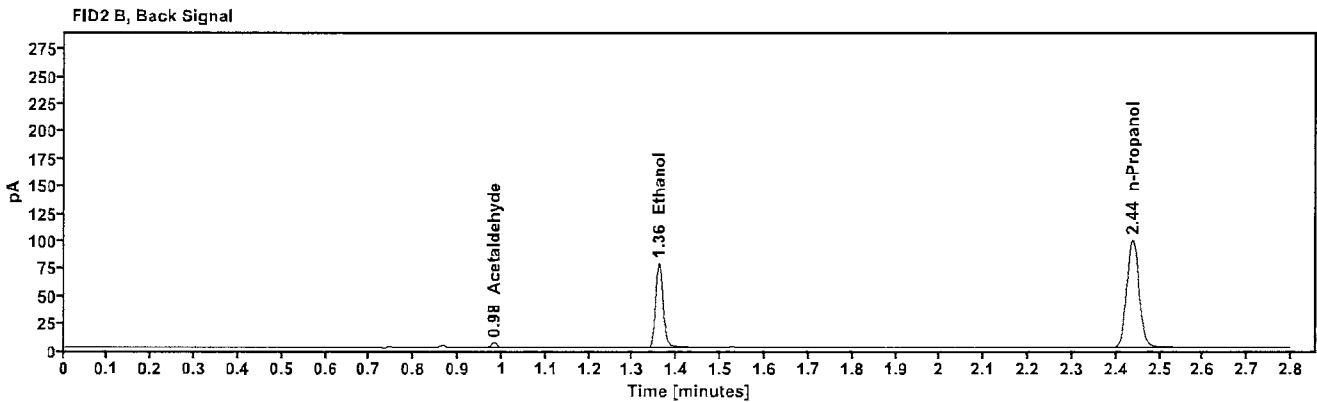
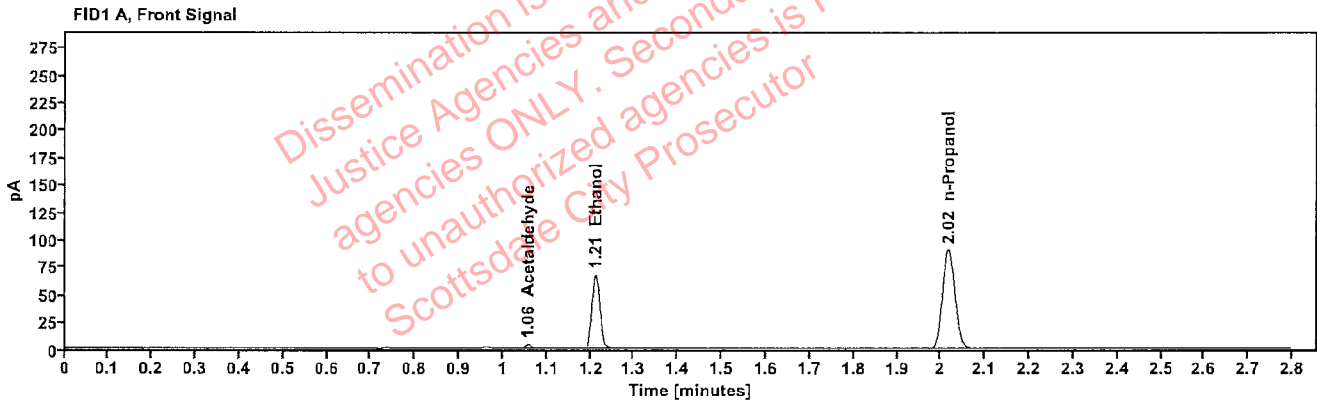


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	3.764
>Ethanol	0.1292	1.211	86.705
n-Propanol	-----	2.017	180.021

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.982	4.245
Ethanol	1.360	94.297
n-Propanol	2.437	195.479

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	2301282-2	Vial:	39
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	01Mar23
Instrument:	US14173023 CN14160045	Injection date:	3/1/2023 6:04:41 PM
Data file:	C:\Chem32\1\Data\01Mar23\39.D	Analyst:	Abbott

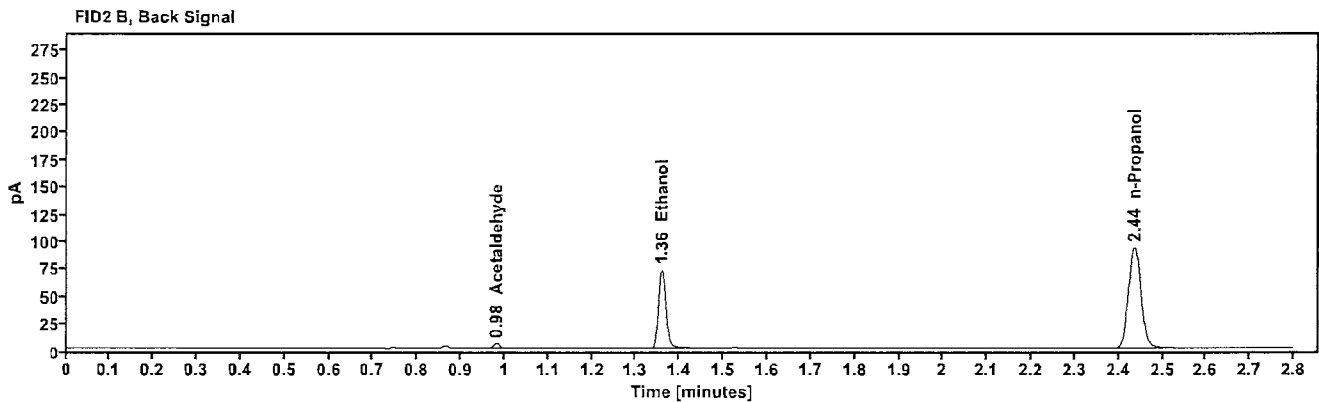
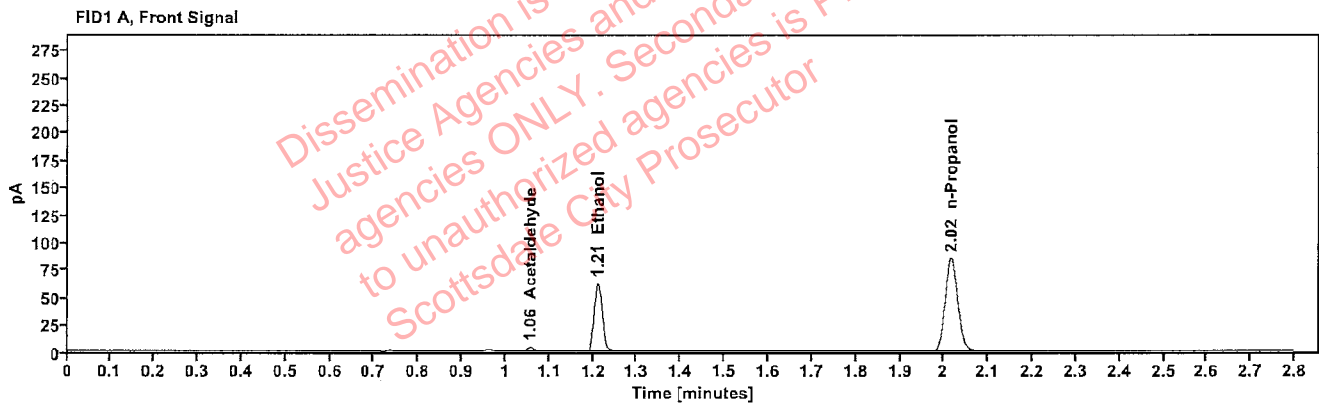


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.056	3.755
>Ethanol	0.1268	1.211	80.103
n-Propanol	-----	2.016	169.381

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.981	4.227
Ethanol	1.359	87.208
n-Propanol	2.436	183.894