

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 09/09/2021 SEQUENCE NAME 09Sep21

EQUIPMENT

Pipettor Hamilton ML600EH7497 Hamilton ML600GJ10749
 Gas Chromatograph Agilent US14173023

INSTRUMENT CALIBRATION

Vial 1 0.02 calibrator Lot FN06141806 Coefficient of determination (r²)
 Vial 2 0.10 calibrator Lot FN05311902 0.99997
 Vial 3 0.20 calibrator Lot FN05101903
 Vial 4 0.40 calibrator Lot FN10051906

CALIBRATION VERIFICATION AND RESOLUTION TEST

Vial	Sample	Expected result	Measured result	Manufacturer/lot
5	Blank	Not detected	Not detected	SPD lab 071521AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 050721MIX
7	Aqueous control	0.400 g/dL	0.403 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.200 g/dL	0.203 g/dL	ACQ 4101018274/9
20	Aqueous control	0.080 g/dL	0.081 g/dL	Lipomed 20012020-B
31	Blood control	0.200 g/dL	0.205 g/dL	ACQ 4101018274/9
42	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 20012020-B
51	Aqueous control	0.400 g/dL	0.411 g/dL	Lipomed 11092018-A
52	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
53	Blood control	0.200 g/dL	0.203 g/dL	ACQ 4101018274/9
54	Blank	Not detected	Not detected	SPD lab 111020WB

SUBJECT SAMPLES

Subjects in the sequence 15 Subjects requiring reanalysis 0

ADDITIONAL NOTES: All testing proceeded as expected. The batch included four proficiency samples.

Run valid Run invalid Erika Canonico Analyst
 Run valid Run invalid Philip Brooks Technical Reviewer

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

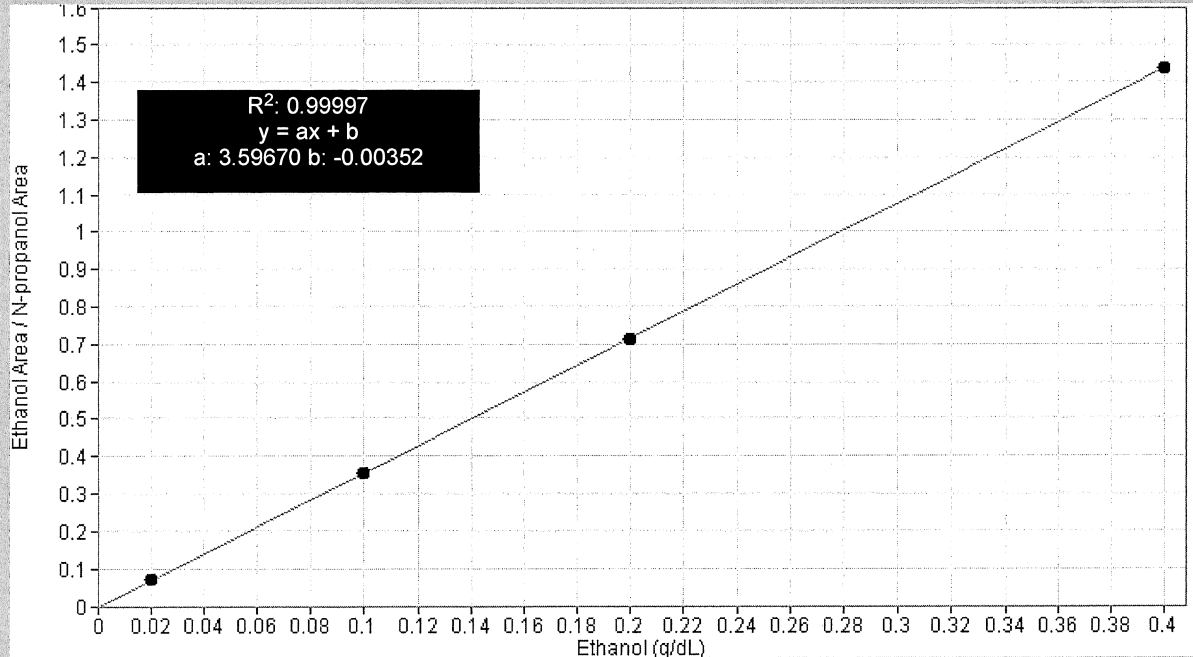
SEQUENCE NAME: 09Sep21

ANALYST: Canonico EE

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 071521AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.403	0.400	0.75	0.003
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.200 4101018274/9	9	0.203	0.200	1.50	0.003
0.080 20012020-B	20	0.081	0.080	1.25	0.001
0.200 4101018274/9	31	0.205	0.200	2.50	0.005
0.080 20012020-B	42	0.080	0.080	0.00	0.000
0.400 11092018-A	51	0.411	0.400	2.75	0.011
0.040 14082019-B	52	0.041	0.040	2.50	0.001
0.200 4101018274/9	53	0.203	0.200	1.50	0.003
blank 111020WB	54	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	12.325	173.482	0.071
0.100	59.643	167.782	0.356
0.200	118.831	166.941	0.712
0.400	240.804	167.552	1.437

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN06141806	Vial:	1
Description:	0.020 calibrator	Sequence:	09Sep21
Method:	ethanol quant.M	Injection date:	9/9/2021 11:11:03 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico <i>ec</i>
Data file:	C:\Chem32\1\Data\09Sep21\1.D		

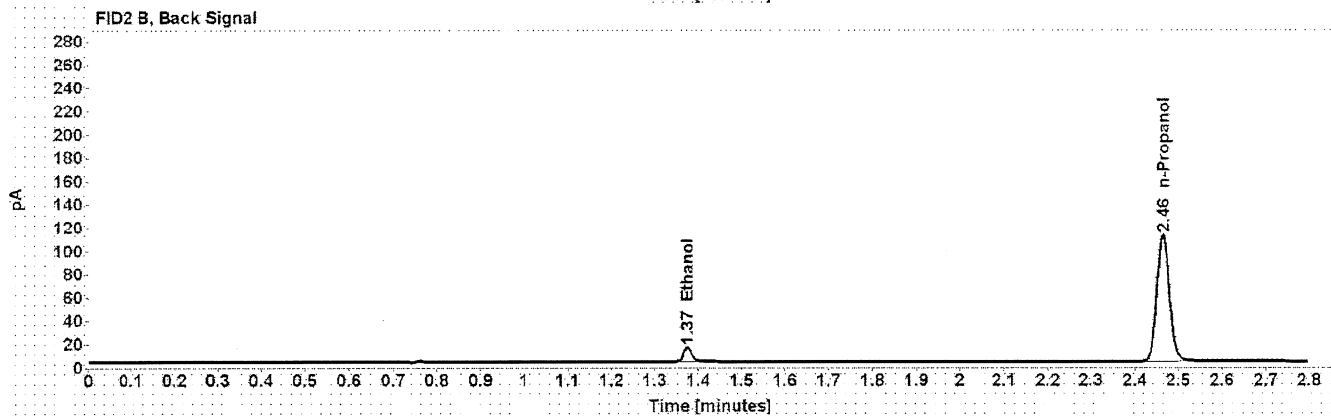
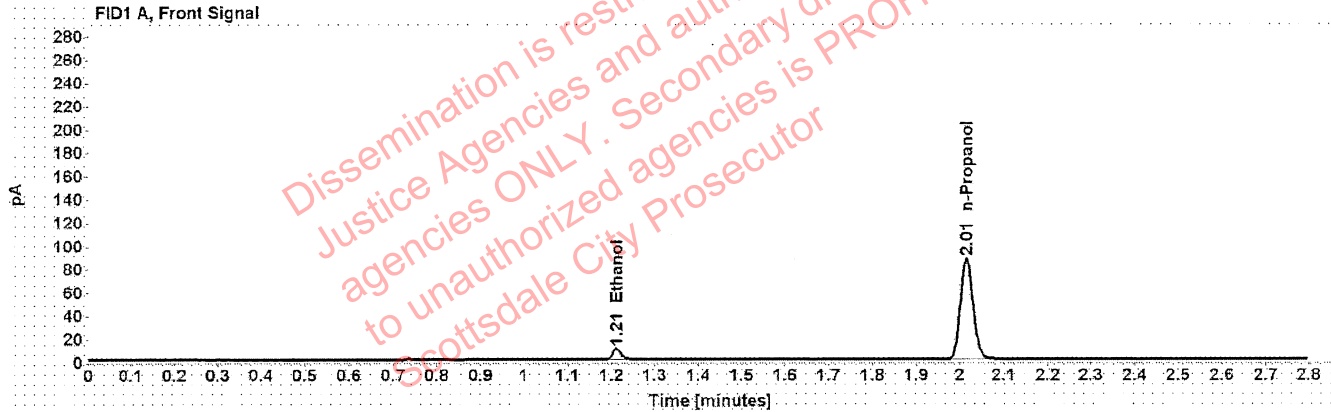


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.212	12.325
n-Propanol	2.015	173.482

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

Compound	Time (min)	Peak Area
Ethanol	1.375	15.493
n-Propanol	2.465	218.681

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05311902	Vial:	2
Description:	0.100 calibrator	Sequence:	09Sep21
Method:	ethanol quant.M	Injection date:	9/9/2021 11:15:02 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico EC
Data file:	C:\Chem32\1\Data\09Sep21\2.D		

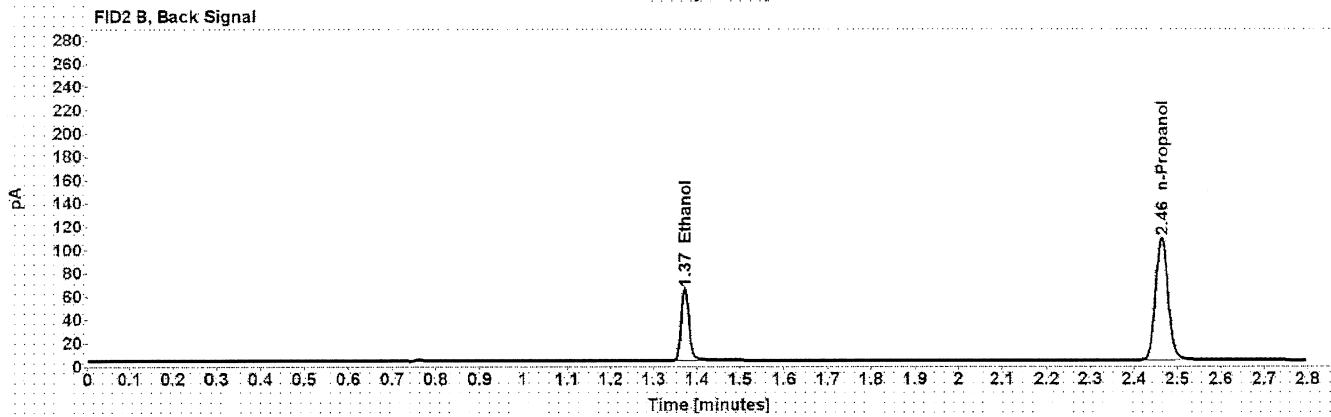
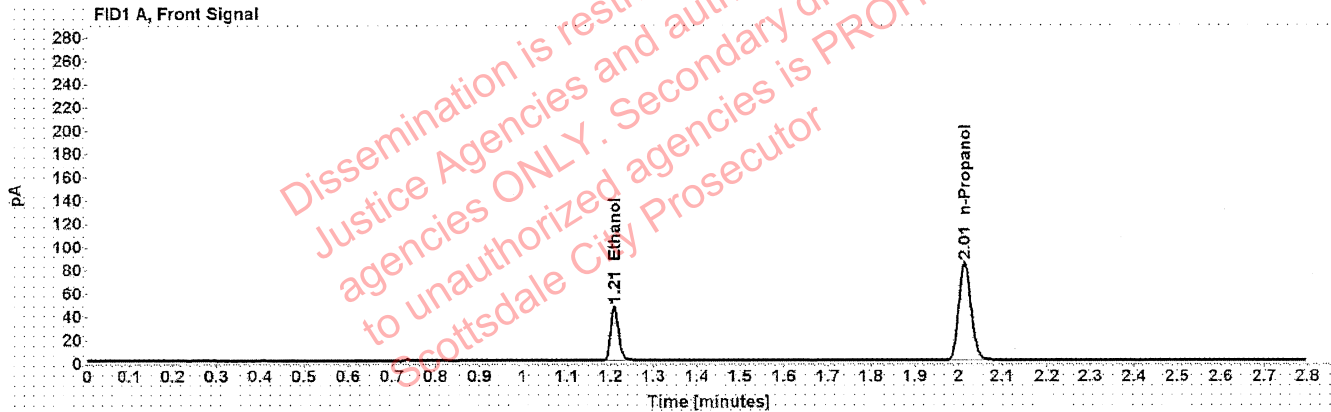


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.209	59.643
n-Propanol	2.014	167.782

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

Compound	Time (min)	Peak Area
Ethanol	1.372	75.482
n-Propanol	2.464	211.216

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN05101903	Vial:	3
Description:	0.200 calibrator	Sequence:	09Sep21
Method:	ethanol quant.M	Injection date:	9/9/2021 11:19:02 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico ee
Data file:	C:\Chem32\1\Data\09Sep21\3.D		

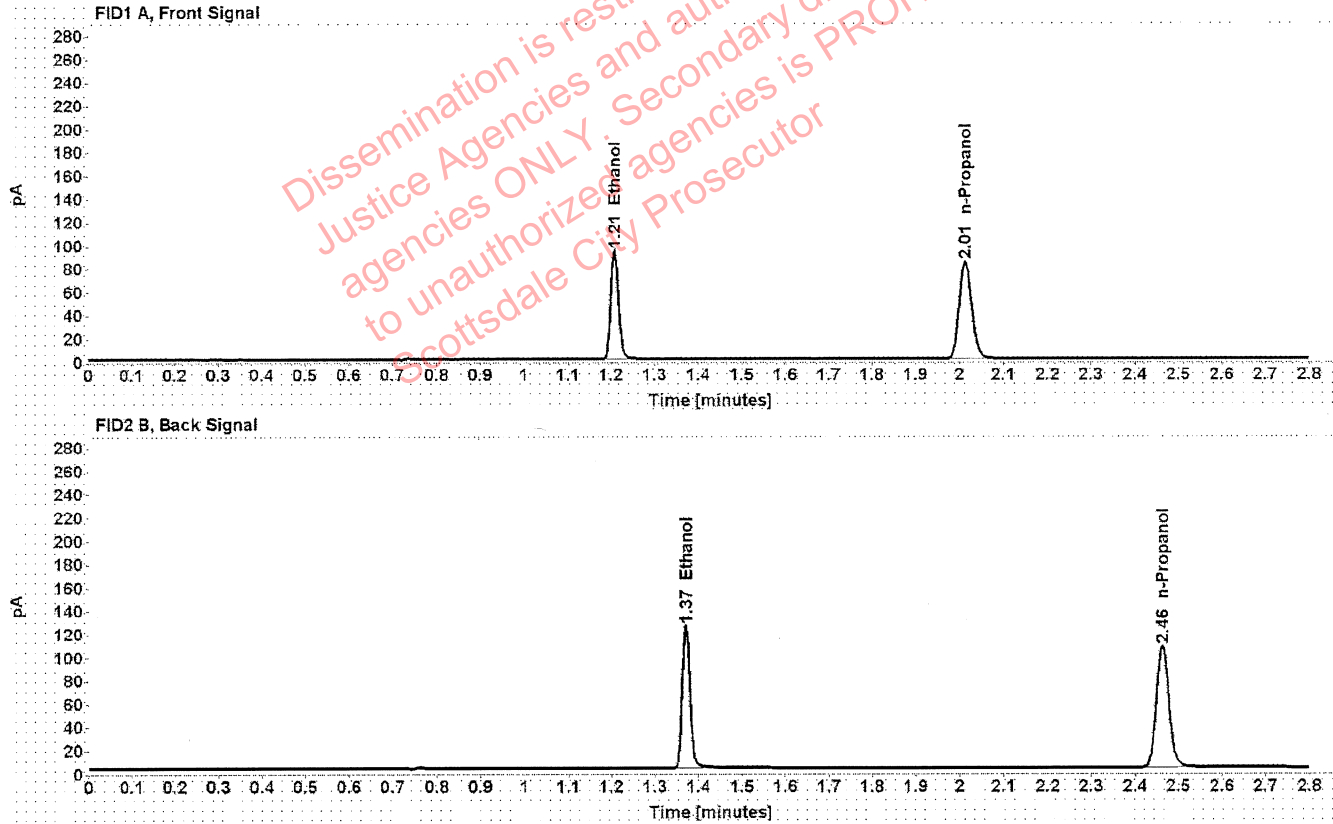


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	118.831
n-Propanol	2.014	166.941

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

Compound	Time (min)	Peak Area
Ethanol	1.371	150.478
n-Propanol	2.463	210.184

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	FN10051906	Vial:	4
Description:	0.400 calibrator	Sequence:	09Sep21
Method:	ethanol quant.M	Injection date:	9/9/2021 11:23:03 AM
Instrument:	US14173023 CN14160045	Analyst:	Canonico ee
Data file:	C:\Chem32\1\Data\09Sep21\4.D		

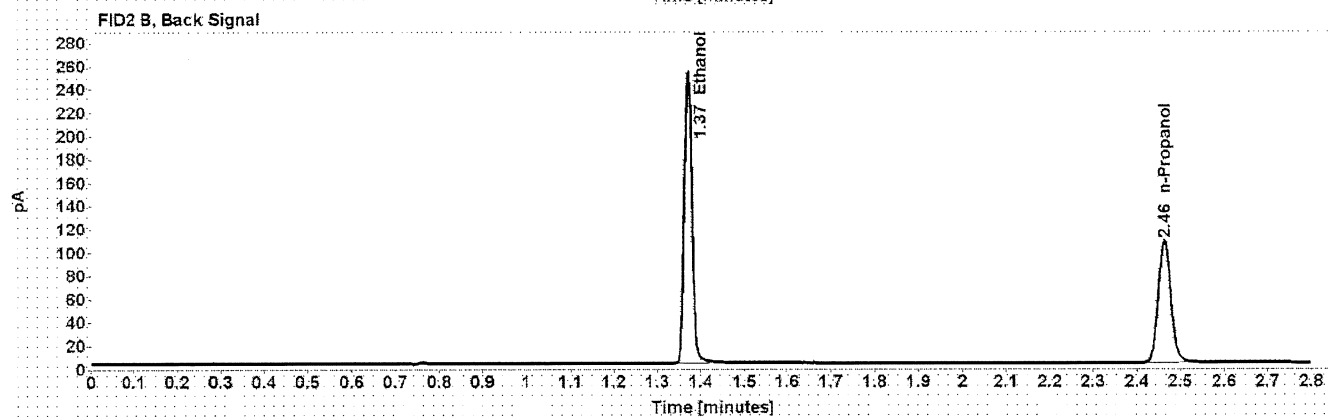
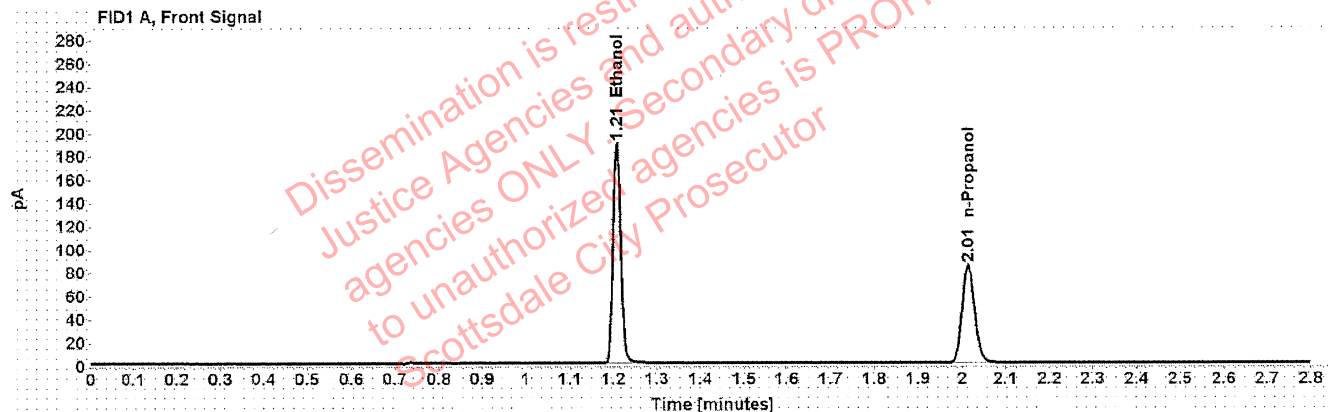


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	240.804
n-Propanol	2.014	167.552

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

Compound	Time (min)	Peak Area
Ethanol	1.371	305.582
n-Propanol	2.463	210.916

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	071521AQ	Vial:	5
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 11:27:03 AM
Data file:	C:\Chem32\1\Data\09Sep21\5.D	Analyst:	Canonico ee

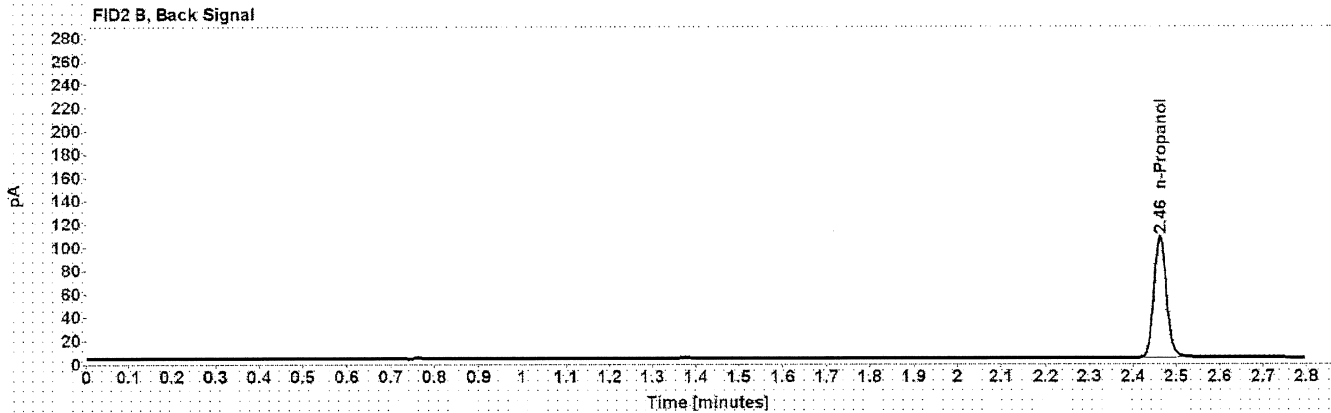
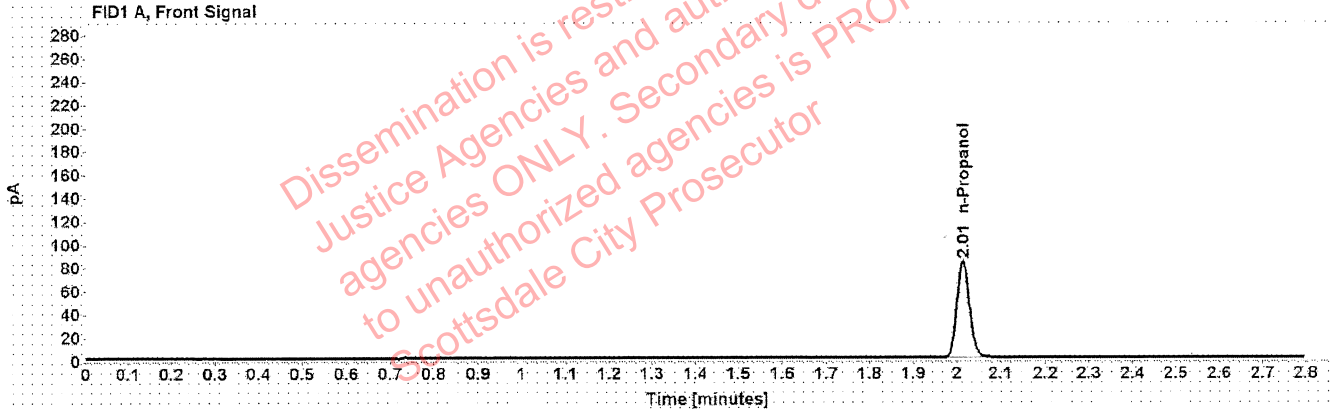


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.013	166.223

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

Compound	Time (min)	Peak Area
n-Propanol	2.463	209.597

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	050721MIX	Vial:	6
Description:	Volatiles mix	LIMS ID:	
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 11:31:02 AM
Data file:	C:\Chem32\1\Data\09Sep21\6.D	Analyst:	Canonico <i>ee</i>

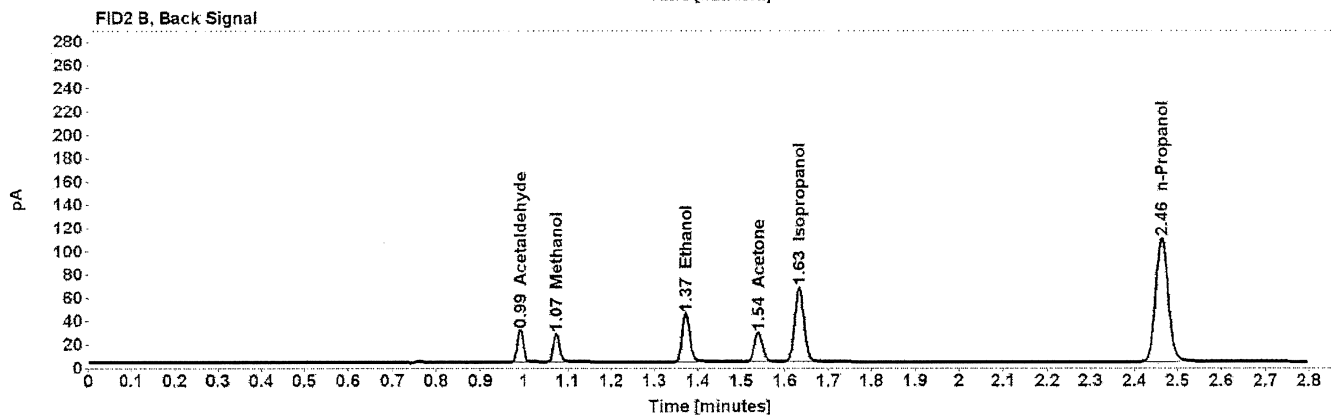
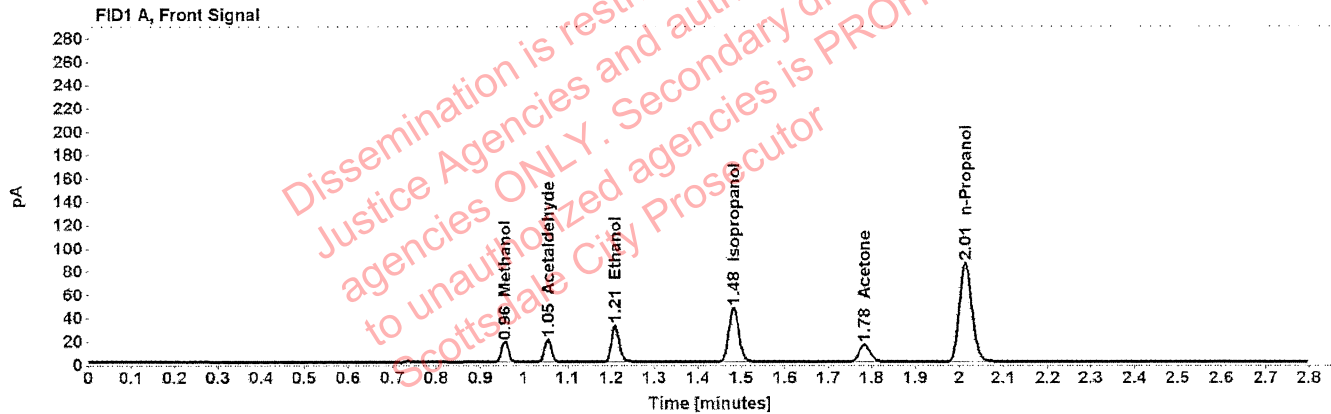


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.956	19.966
Acetaldehyde	-----	1.054	21.190
>Ethanol	0.0676	1.209	40.689
Isopropanol	-----	1.482	74.769
Acetone	-----	1.783	25.977
n-Propanol	-----	2.014	169.840

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.991	27.571
Methanol	1.074	25.647
Ethanol	1.372	51.350
Acetone	1.539	32.676
Isopropanol	1.633	96.310
n-Propanol	2.463	214.054

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 09Sep21
Instrument: US14173023 CN14160045	Injection date: 9/9/2021 11:35:18 AM
Data file: C:\Chem32\1\Data\09Sep21\7.D	Analyst: Canonico <i>ec</i>

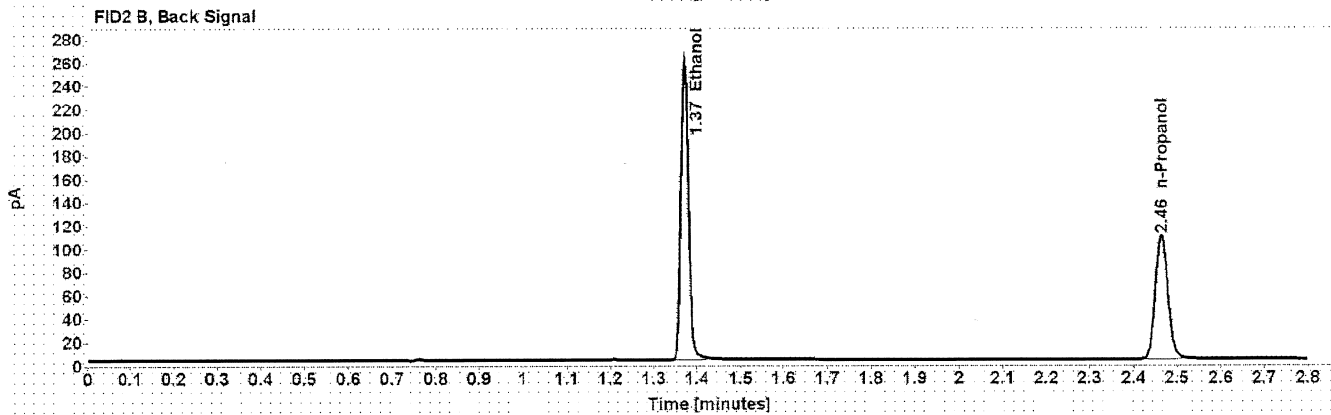
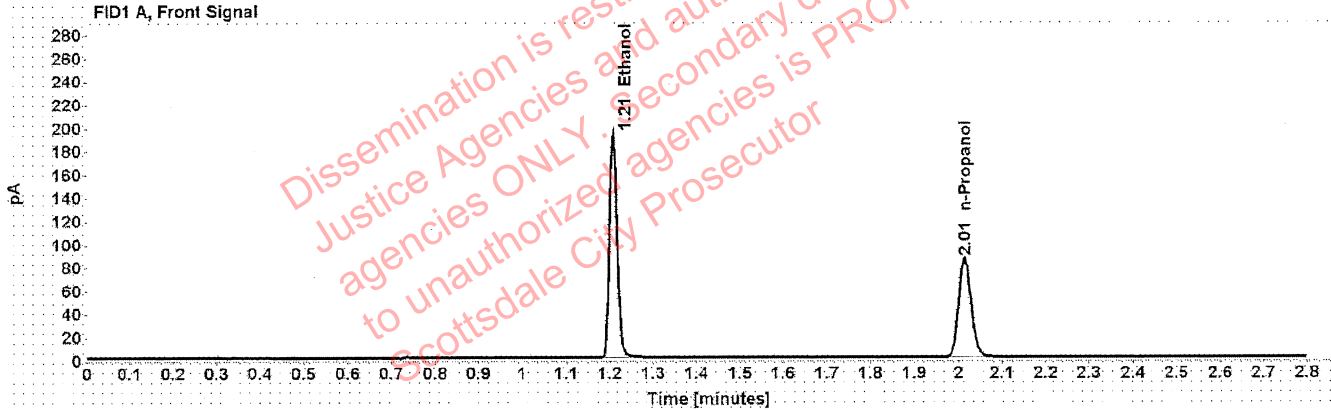


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4035	1.208	246.335
n-Propanol	-----	2.015	170.166

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

Compound	Time (min)	Peak Area
Ethanol	1.372	312.511
n-Propanol	2.464	214.243

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 09Sep21
Instrument: US14173023 CN14160045	Injection date: 9/9/2021 11:39:17 AM
Data file: C:\Chem32\1\Data\09Sep21\8.D	Analyst: Canonico <i>EC</i>

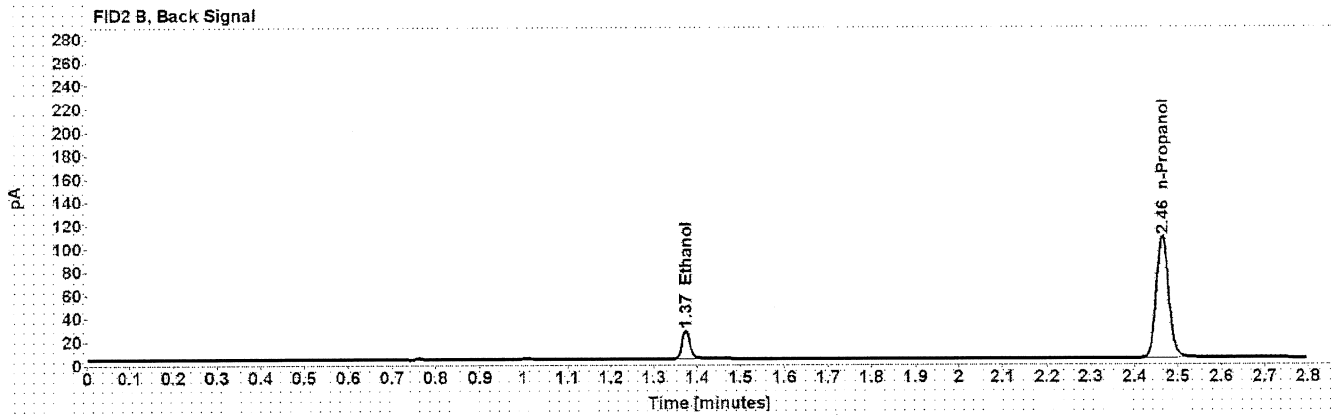
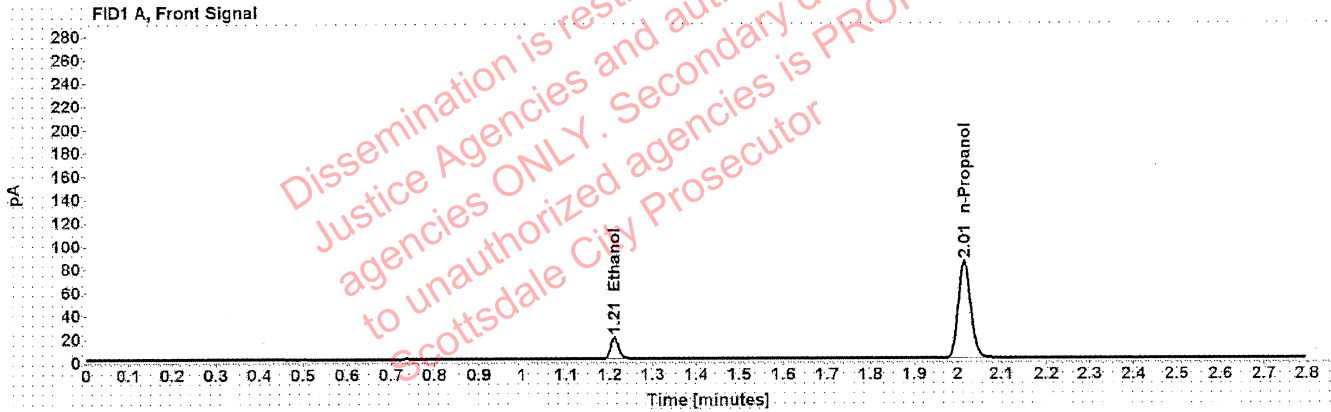


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0408	1.211	23.950
n-Propanol	-----	2.015	167.145

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

Compound	Time (min)	Peak Area
Ethanol	1.373	30.127
n-Propanol	2.464	210.411

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 9
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 09Sep21
Instrument: US14173023 CN14160045	Injection date: 9/9/2021 11:43:17 AM
Data file: C:\Chem32\1\Data\09Sep21\9.D	Analyst: Canonico <i>EC</i>

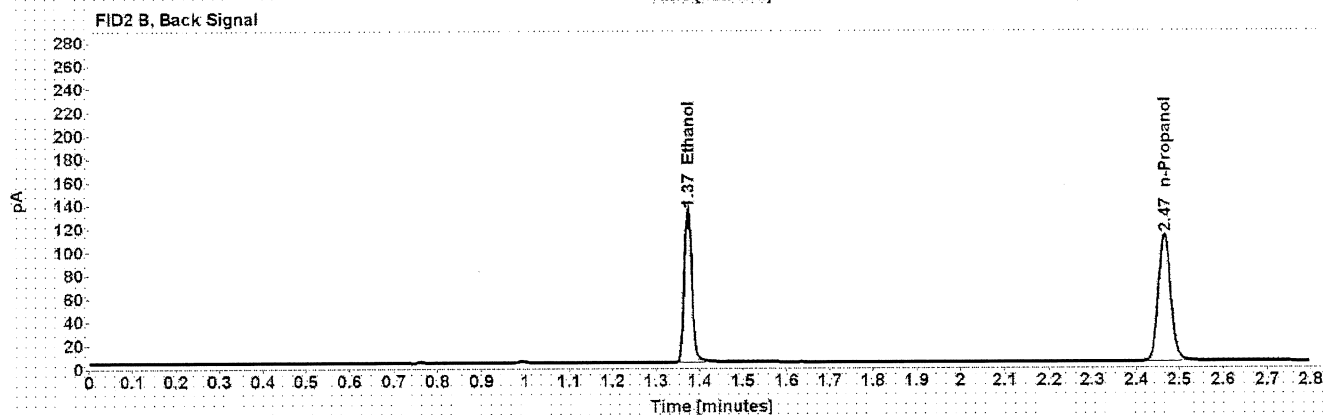
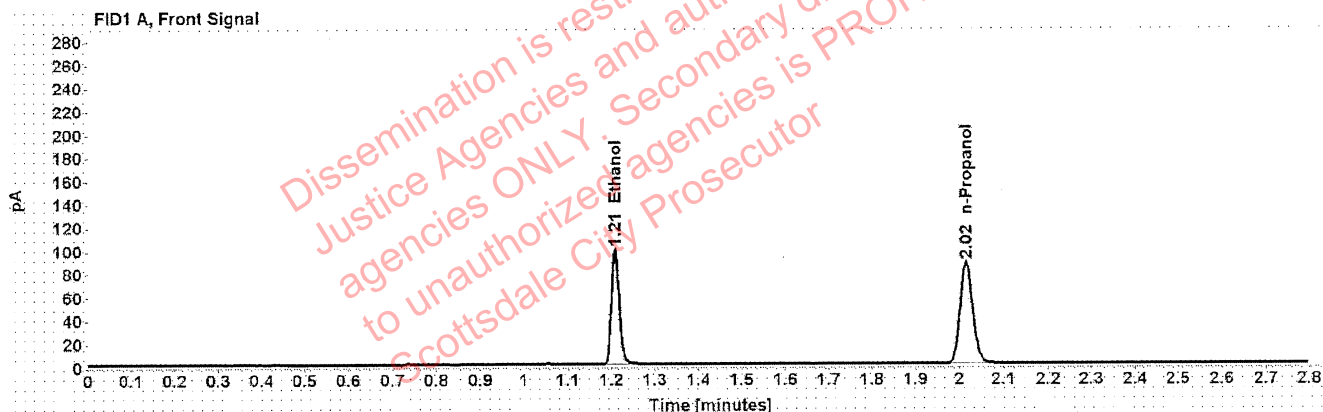


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2036	1.209	126.883
n-Propanol	-----	2.015	174.075

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

Compound	Time (min)	Peak Area
Ethanol	1.373	160.672
n-Propanol	2.465	219.364

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20012020-B	Vial:	20
Description:	0.080	LIMS ID:	
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 12:27:49 PM
Data file:	C:\Chem32\1\Data\09Sep21\20.D	Analyst:	Canonico <i>ec</i>

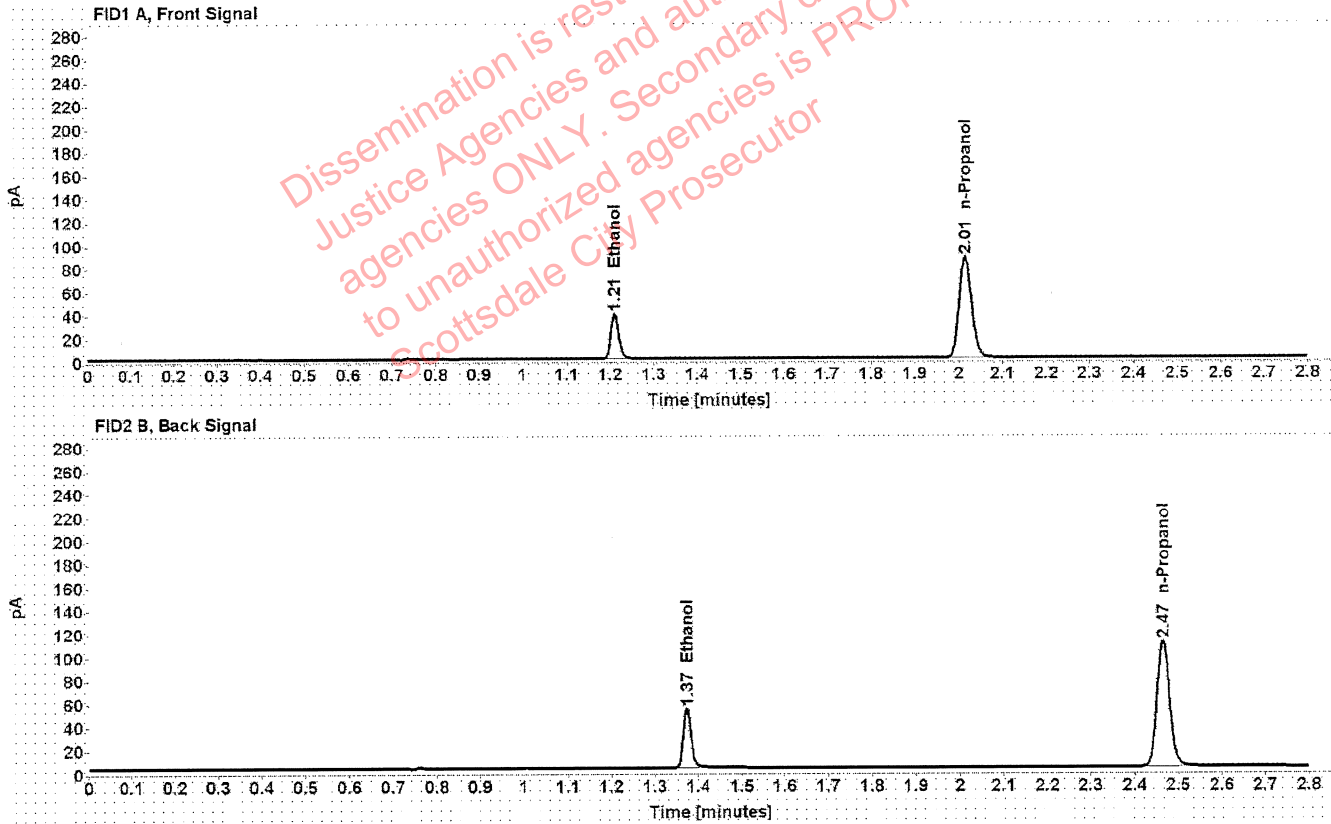


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0815	1.210	49.976
n-Propanol	-----	2.015	172.667

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

Compound	Time (min)	Peak Area
Ethanol	1.374	62.976
n-Propanol	2.465	217.345

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 4101018274/9	Vial: 31
Description: 0.200	LIMS ID:
Method: ethanol quant.M	Sequence: 09Sep21
Instrument: US14173023 CN14160045	Injection date: 9/9/2021 1:12:16 PM
Data file: C:\Chem32\1\Data\09Sep21\31.D	Analyst: Canonico <i>CC</i>

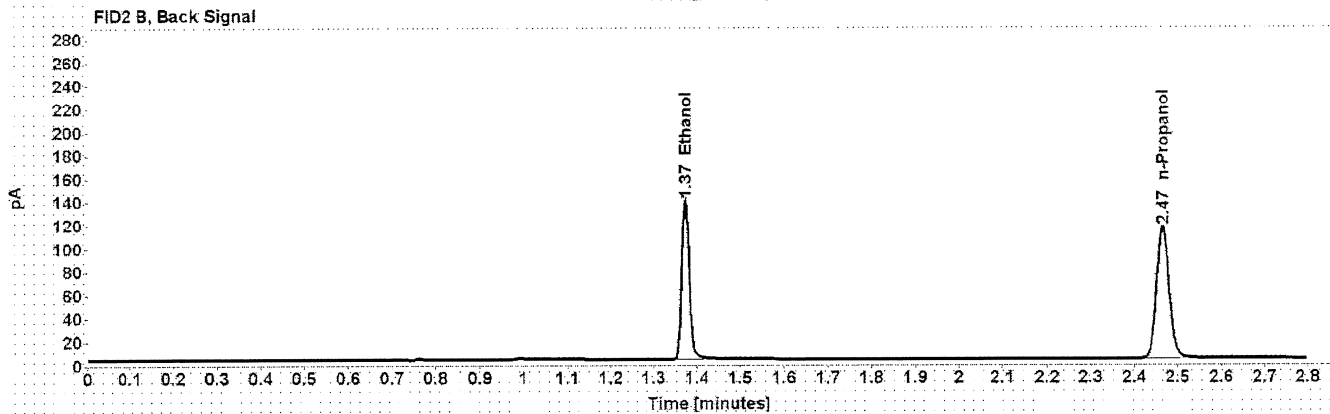
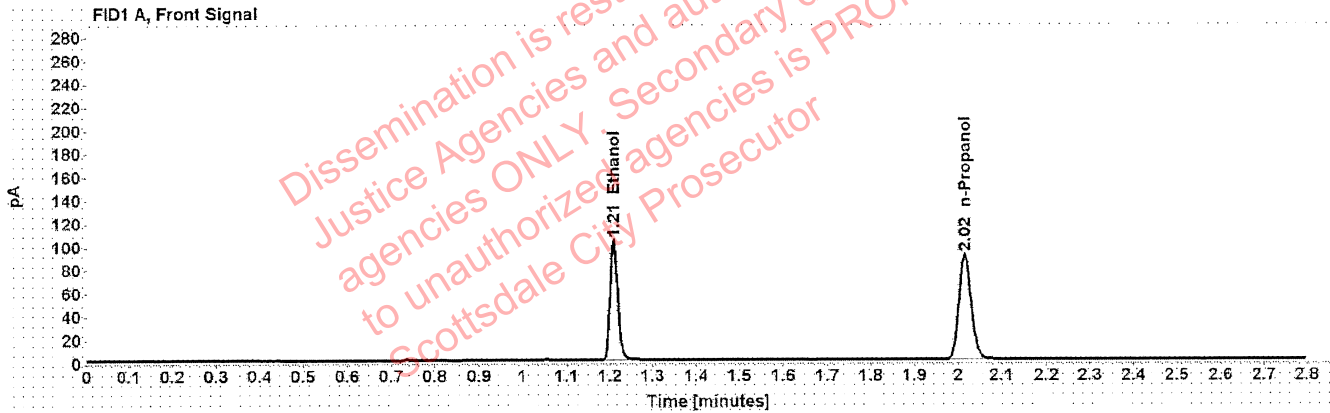


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2052	1.209	132.636
n-Propanol	-----	2.015	180.559

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

Compound	Time (min)	Peak Area
Ethanol	1.373	167.389
n-Propanol	2.465	227.314

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 20012020-B	Vial: 42
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 09Sep21
Instrument: US14173023 CN14160045	Injection date: 9/9/2021 1:56:31 PM
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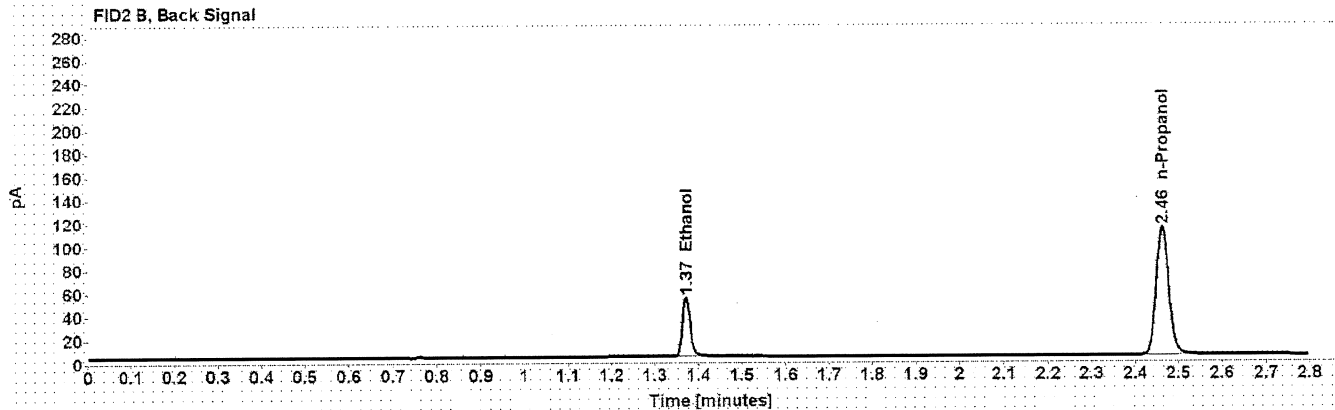
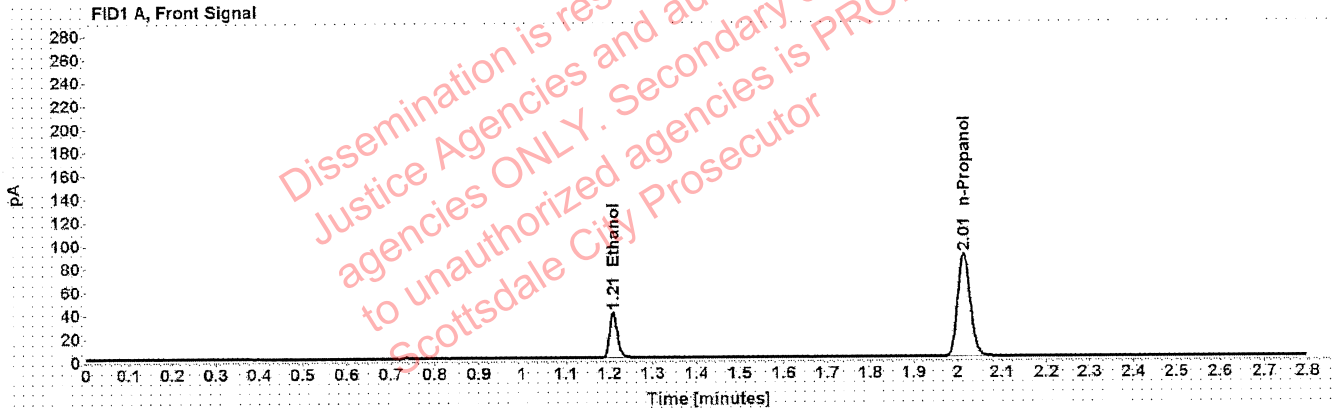


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0804	1.209	50.308
n-Propanol	-----	2.014	176.214

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

Compound	Time (min)	Peak Area
Ethanol	1.371	63.162
n-Propanol	2.463	222.105

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 51
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 09Sep21
Instrument: US14173023 CN14160045	Injection date: 9/9/2021 2:33:01 PM
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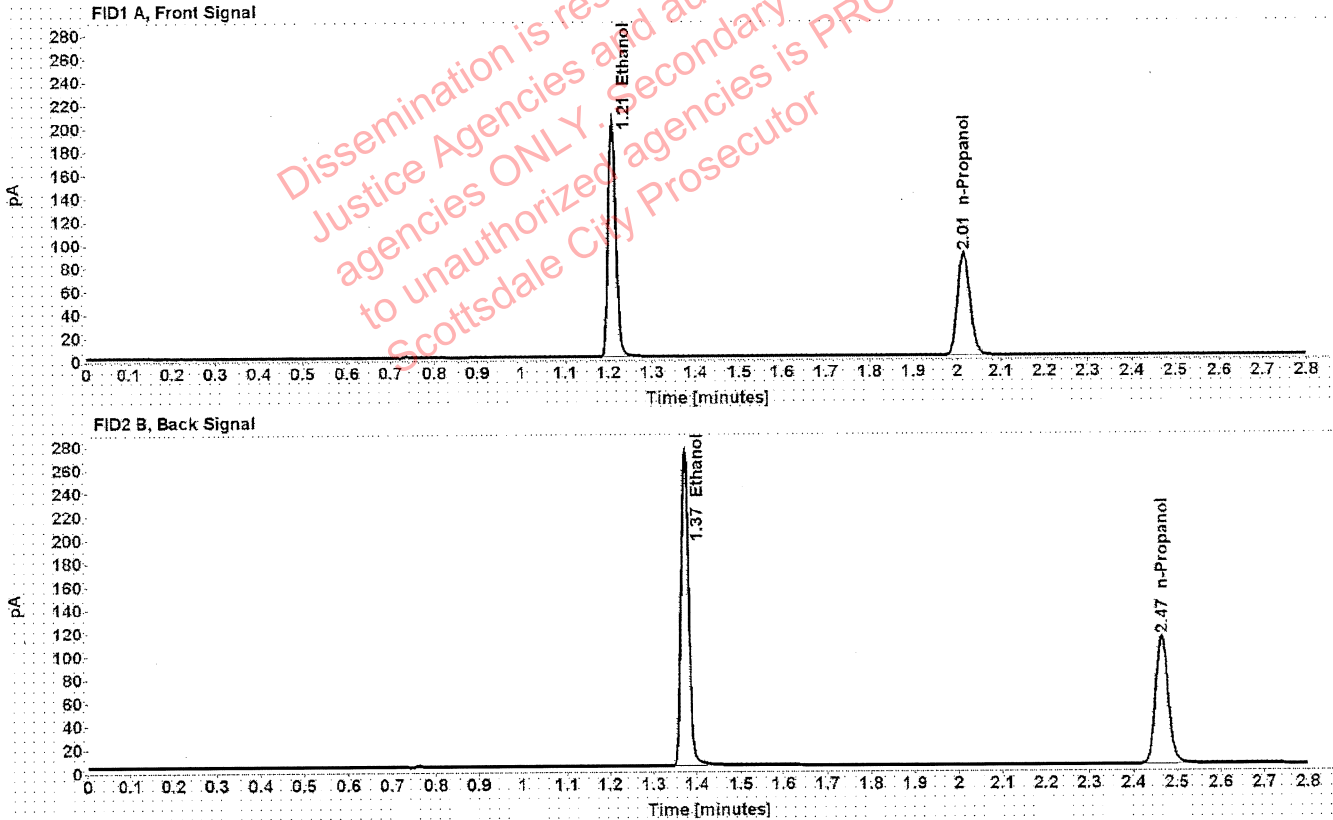


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4110	1.209	259.450
n-Propanol	-----	2.015	175.921

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

Compound	Time (min)	Peak Area
Ethanol	1.373	329.543
n-Propanol	2.465	221.599

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	14082019-B	Vial:	52
Description:	0.040	LIMS ID:	
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 2:37:03 PM
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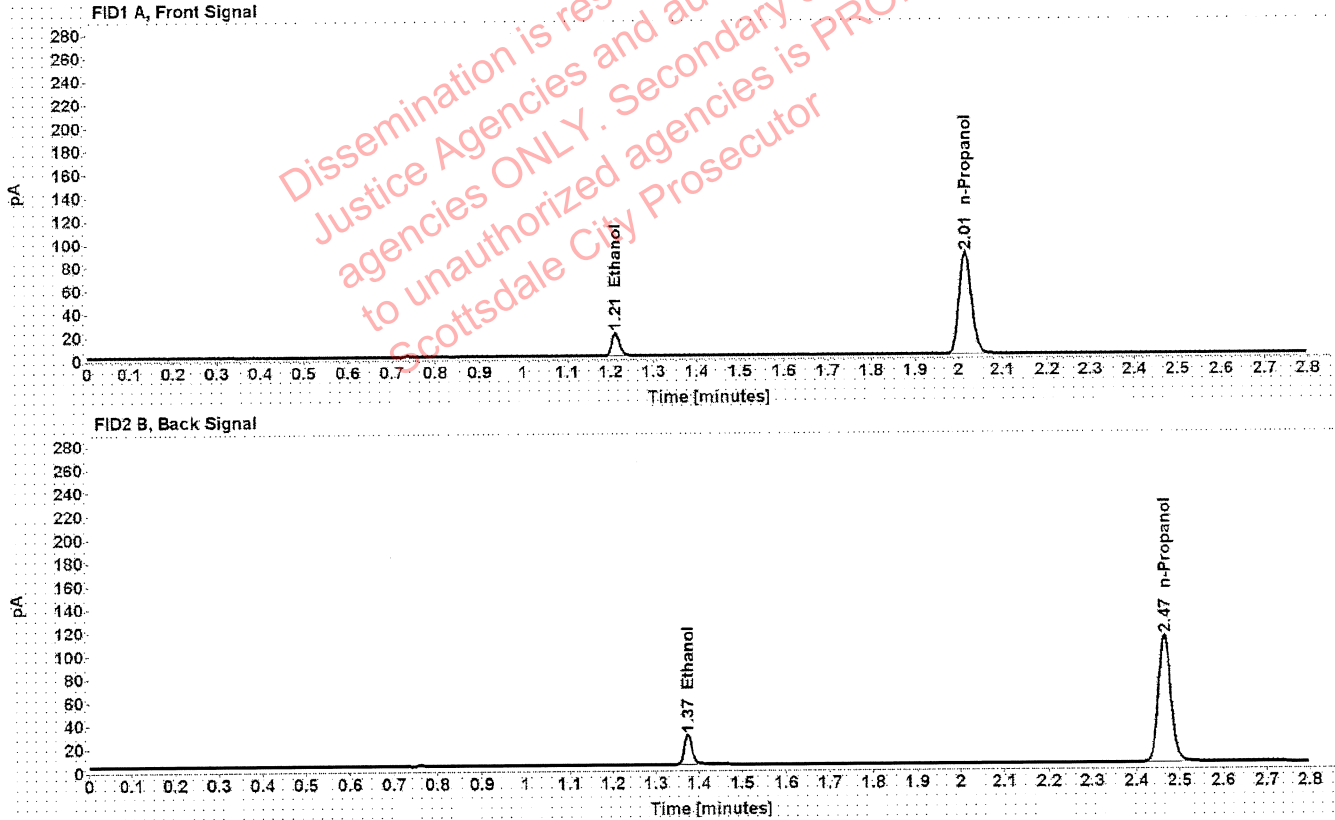


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0413	1.211	25.327
n-Propanol	-----	2.015	174.639

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

Compound	Time (min)	Peak Area
Ethanol	1.374	31.816
n-Propanol	2.465	219.949

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	4101018274/9	Vial:	53
Description:	0.200	LIMS ID:	
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 2:41:02 PM
Data file:	C:\Chem32\1\Data\09Sep21\53.D	Analyst:	Canonico <i>EC</i>

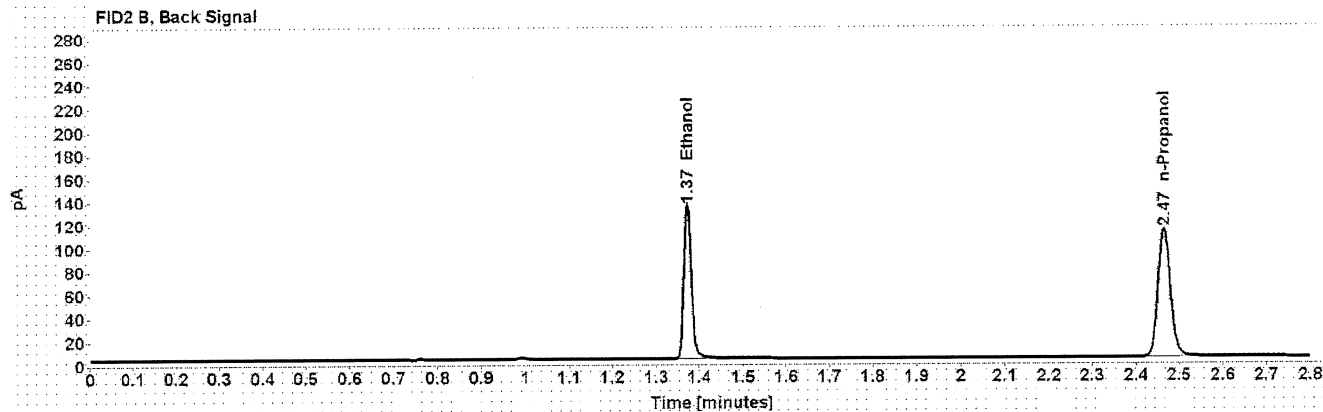
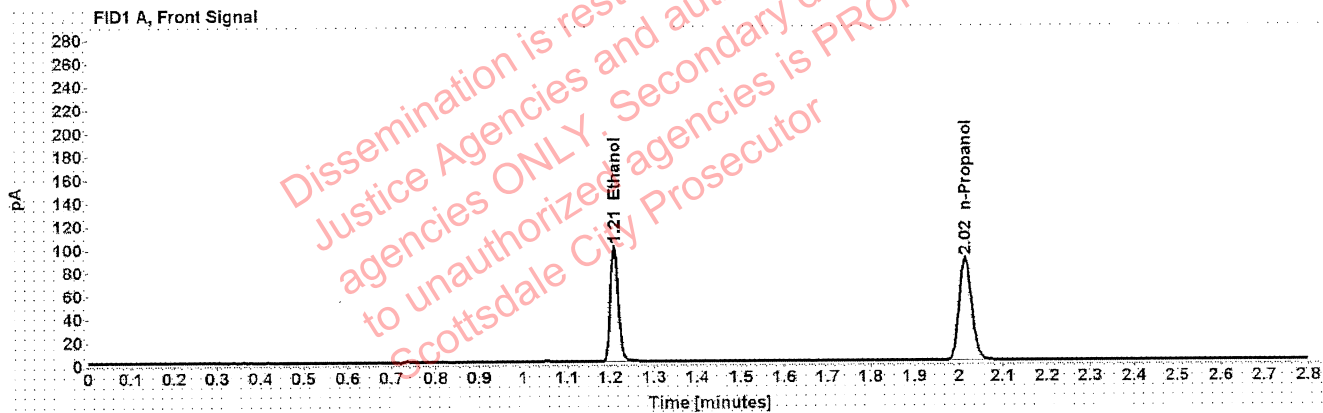


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2031	1.209	127.820
n-Propanol	-----	2.015	175.859

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

Compound	Time (min)	Peak Area
Ethanol	1.373	161.979
n-Propanol	2.465	221.640

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	111020WB	Vial:	54
Description:	Negative	LIMS ID:	
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 2:45:01 PM
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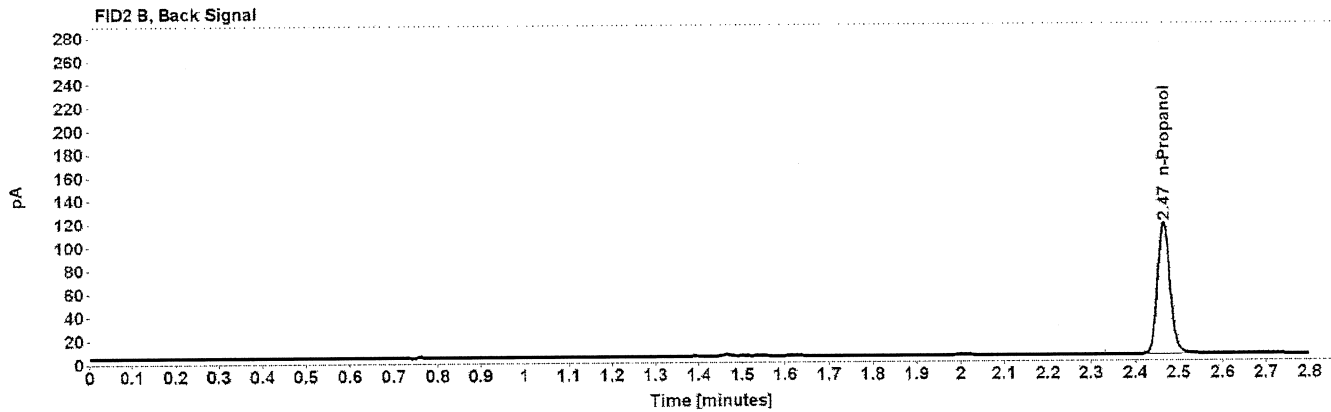
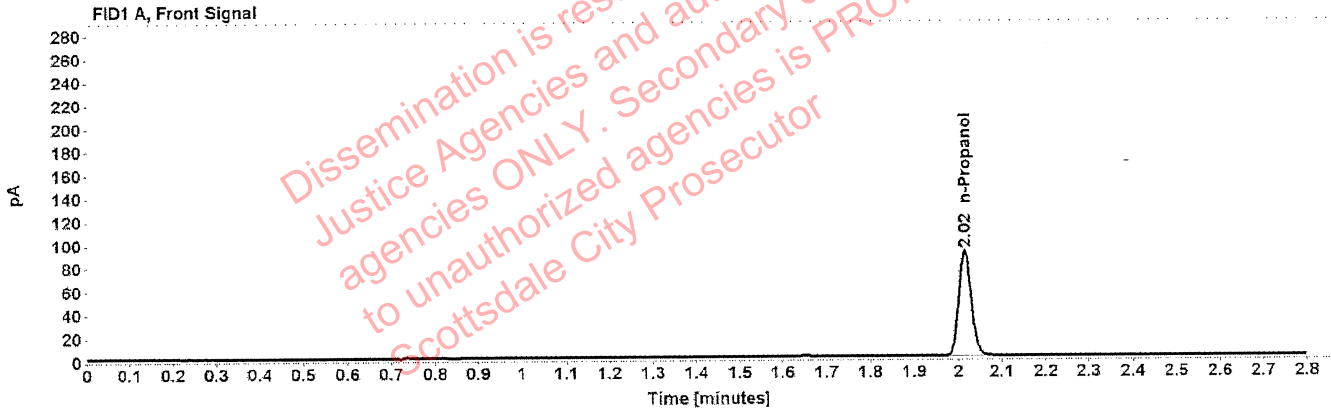


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.015	179.785

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

Compound	Time (min)	Peak Area
n-Propanol	2.465	227.053

Sequence Summary

Sequence name: 09Sep21 Instrument: US14173023 CN14160045 Analyst: Canonico *ee*

Vial	Sample	Description	Type	LIMS ID	Method
1	FN06141806	0.020 calibrator	Calibration		ethanol quant.M
2	FN05311902	0.100 calibrator	Calibration		ethanol quant.M
3	FN05101903	0.200 calibrator	Calibration		ethanol quant.M
4	FN10051906	0.400 calibrator	Calibration		ethanol quant.M
5	071521AQ	Negative	Control		ethanol quant.M
6	050721MIX	Volatiles mix	Control		ethanol quant.M
7	11092018-A	0.400	Control		ethanol quant.M
8	14082019-B	0.040	Control		ethanol quant.M
9	4101018274/9	0.200	Control		ethanol quant.M
10	20001LJ		Sample		ethanol quant.M
11	20001LJ		Sample		ethanol quant.M
12	20001SV		Sample		ethanol quant.M
13	20001SV		Sample		ethanol quant.M
14	33801NB		Sample		ethanol quant.M
15	33801NB		Sample		ethanol quant.M
16	33801AD		Sample		ethanol quant.M
17	33801AD		Sample		ethanol quant.M
18	33801JD		Sample		ethanol quant.M
19	33801JD		Sample		ethanol quant.M
20	20012020-B	0.080	Control		ethanol quant.M
21	17101EK		Sample		ethanol quant.M
22	17101EK		Sample		ethanol quant.M
23	33801BT		Sample		ethanol quant.M
24	33801BT		Sample		ethanol quant.M
25	32701DH		Sample		ethanol quant.M
26	32701DH		Sample		ethanol quant.M
27	38901HG		Sample		ethanol quant.M
28	38901HG		Sample		ethanol quant.M
29	37201VR		Sample		ethanol quant.M
30	37201VR		Sample		ethanol quant.M
31	4101018274/9	0.200	Control		ethanol quant.M
32	1387576		Sample		ethanol quant.M
33	1387576		Sample		ethanol quant.M
34	1386513		Sample		ethanol quant.M
35	1386513		Sample		ethanol quant.M
36	1386846		Sample		ethanol quant.M
37	1386846		Sample		ethanol quant.M
38	1387586		Sample		ethanol quant.M
39	1387586		Sample		ethanol quant.M
40	1349975		Sample		ethanol quant.M
41	1349975		Sample		ethanol quant.M
42	20012020-B	0.080	Control		ethanol quant.M
43	TUBE02		Sample		ethanol quant.M
44	TUBE02		Sample		ethanol quant.M
45	TUBE01		Sample		ethanol quant.M
46	TUBE01		Sample		ethanol quant.M
47	TUBE03		Sample		ethanol quant.M

Sequence Summary

48	TUBE03		Sample		ethanol quant.M
49	TUBE04		Sample		ethanol quant.M
50	TUBE04		Sample		ethanol quant.M
51	11092018-A	0.400	Control		ethanol quant.M
52	14082019-B	0.040	Control		ethanol quant.M
53	4101018274/9	0.200	Control		ethanol quant.M
54	111020WB	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

82

SEQUENCE NAME: 09Sep21

ANALYST: Canonico

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.2088	0.2092	0.20900	0.10	0.00020
12 13	0.1216	0.1224	0.12200	0.33	0.00040
14 15	0.1570	0.1567	0.15685	0.10	0.00015
16 17	0.0877	0.0865	0.08710	0.69	0.00060
18 19	0.1233	0.1248	0.12405	0.60	0.00075
21 22	0.2310	0.2307	0.23085	0.06	0.00015
23 24	0.1781	0.1769	0.17750	0.34	0.00060
25 26	0.0793	0.0791	0.07920	0.13	0.00010
27 28	0.1663	0.1658	0.16605	0.15	0.00025
29 30	0.0279	0.0276	0.02775	0.54	0.00015
32 33	0.2187	0.2188	0.21875	0.02	0.00005
34 35	0.1873	0.1862	0.18675	0.29	0.00055
36 37	0.2230	0.2217	0.22235	0.29	0.00065
38 39	0.1728	0.1739	0.17335	0.32	0.00055
40 41	0.2577	0.2595	0.25860	0.35	0.00090
43 44	0.1449	0.1458	0.14535	0.31	0.00045
45 46	0.2458	0.2461	0.24595	0.06	0.00015
47 48	0.3068	0.3078	0.30730	0.16	0.00050
49 50	0.0953	0.0954	0.09535	0.05	0.00005

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

Scottsdale Forensic Lab

Blood Alcohol Pipetting Log

ANALYST: Canonico *ec*

SEQUENCE: 09Sep21

Instrument Position	Headspace Vial 1	Headspace Vial 2	Blood Tube	Barcode Match
Vials 10 and 11	20001LJ	20001LJ	20001LJ	Yes
Vials 12 and 13	20001SV	20001SV	20001SV	Yes
Vials 14 and 15	33801NB	33801NB	33801NB	Yes
Vials 16 and 17	33801AD	33801AD	33801AD	Yes
Vials 18 and 19	33801JD	33801JD	33801JD	Yes
Vials 21 and 22	17101EK	17101EK	17101EK	Yes
Vials 23 and 24	33801BT	33801BT	33801BT	Yes
Vials 25 and 26	32701DH	32701DH	32701DH	Yes
Vials 27 and 28	38901HG	38901HG	38901HG	Yes
Vials 29 and 30	37201VR	37201VR	37201VR	Yes
Vials 32 and 33	1387576	1387576	1387576	Yes
Vials 34 and 35	1386513	1386513	1386513	Yes
Vials 36 and 37	1386846	1386846	1386846	Yes
Vials 38 and 39	1387586	1387586	1387586	Yes
Vials 40 and 41	1349975	1349975	1349975	Yes
Vials 43 and 44	TUBE02	TUBE02	TUBE02	Yes
Vials 45 and 46	TUBE01	TUBE01	TUBE01	Yes
Vials 47 and 48	TUBE03	TUBE03	TUBE03	Yes
Vials 49 and 50	TUBE04	TUBE04	TUBE04	Yes

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20001LJ	Vial:	10
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 11:47:17 AM
Data file:	C:\Chem32\1\Data\09Sep21\10.D	Analyst:	Canonico

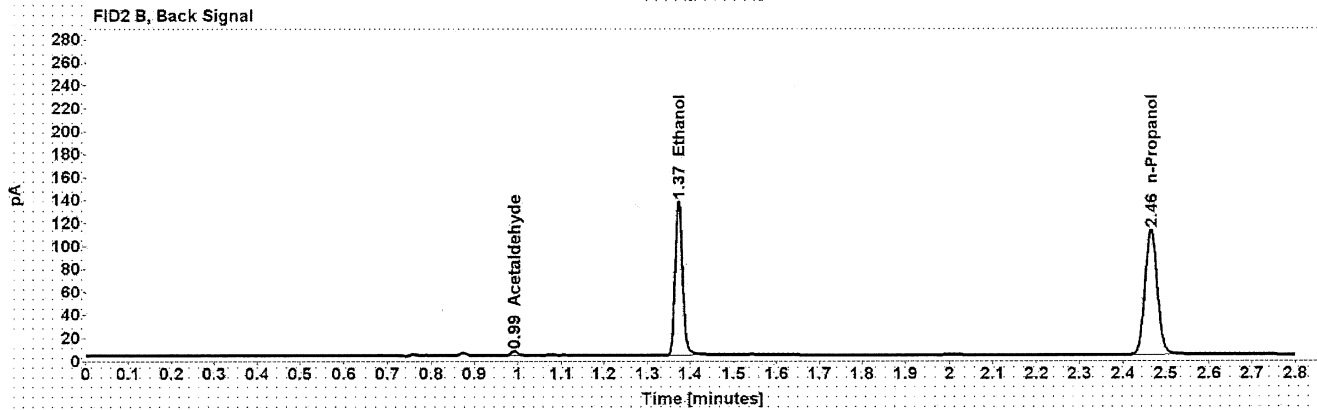
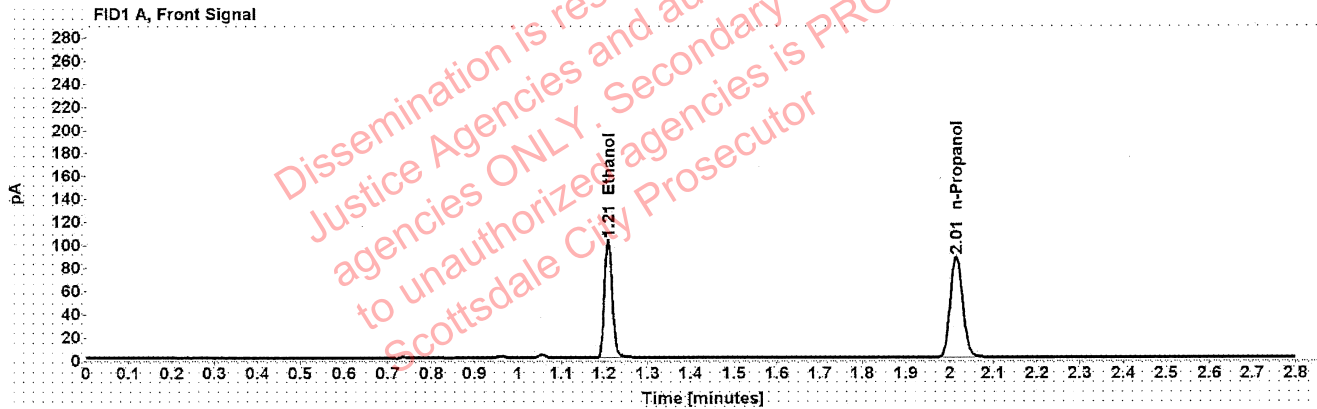


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2088	1.209	130.130
n-Propanol	-----	2.015	174.109

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	3.837
Ethanol	1.373	164.456
n-Propanol	2.465	219.367

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20001LJ	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 11:51:17 AM
Data file:	C:\Chem32\1\Data\09Sep21\11.D	Analyst:	Canonico

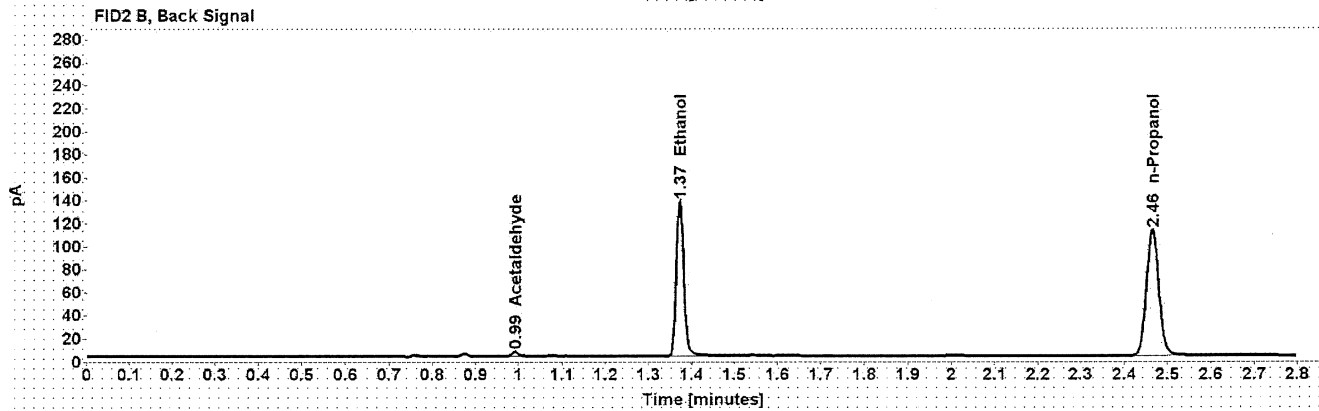
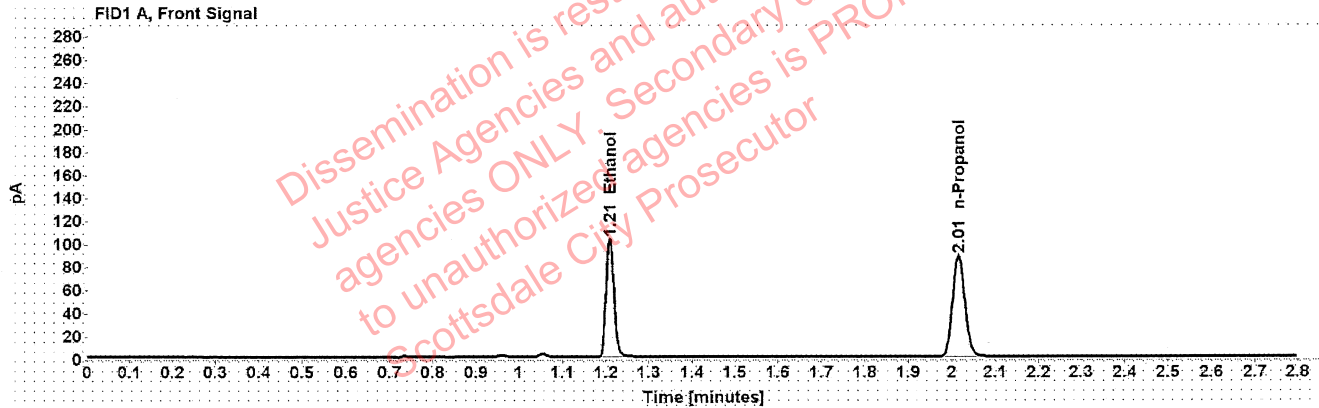


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2092	1.209	130.583
n-Propanol	-----	2.015	174.364

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	3.876
Ethanol	1.373	166.330
n-Propanol	2.465	219.653

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20001SV	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 11:55:19 AM
Data file:	C:\Chem32\1\Data\09Sep21\12.D	Analyst:	Canonico

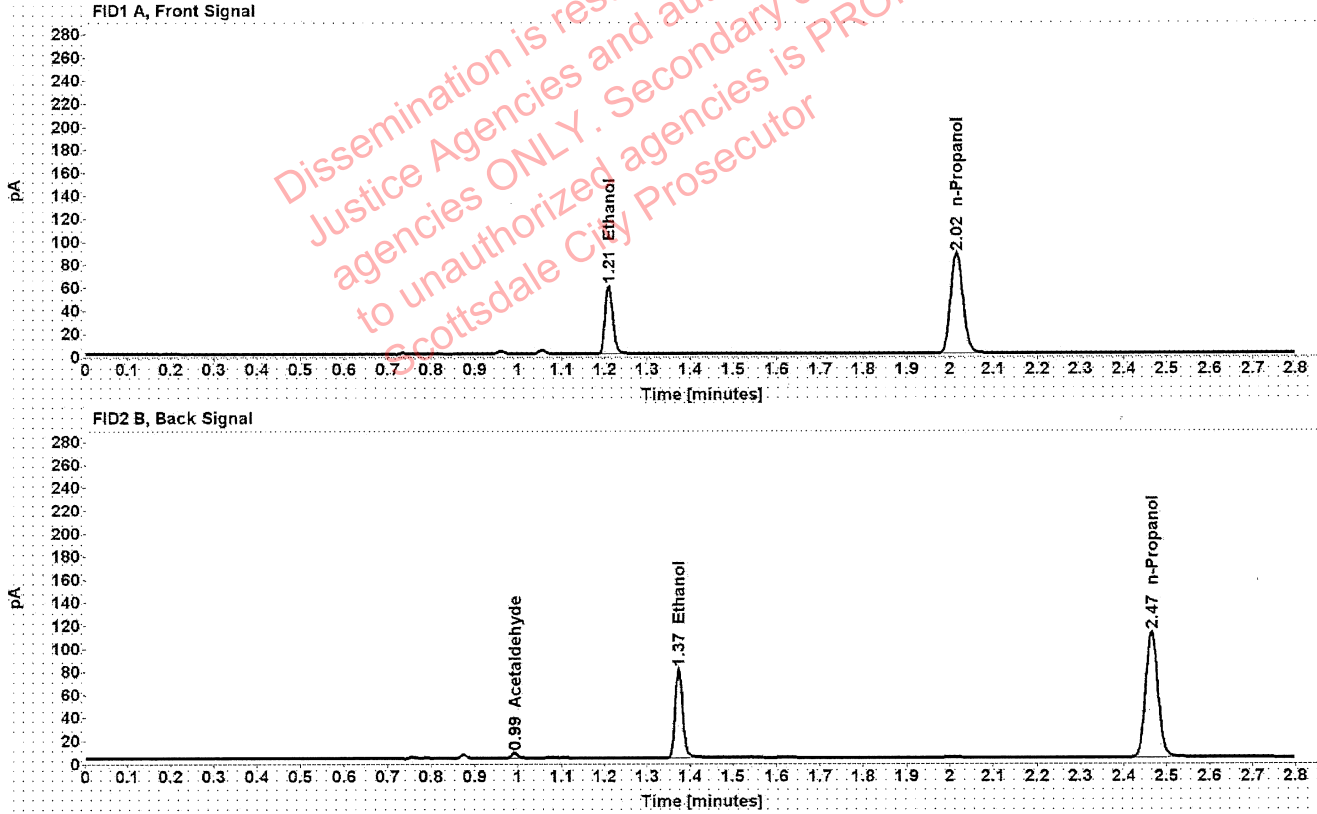


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1216	1.210	75.543
n-Propanol	-----	2.015	174.200

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.370
Ethanol	1.373	95.089
n-Propanol	2.465	219.668

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	20001SV	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 11:59:32 AM
Data file:	C:\Chem32\1\Data\09Sep21\13.D	Analyst:	Canonico

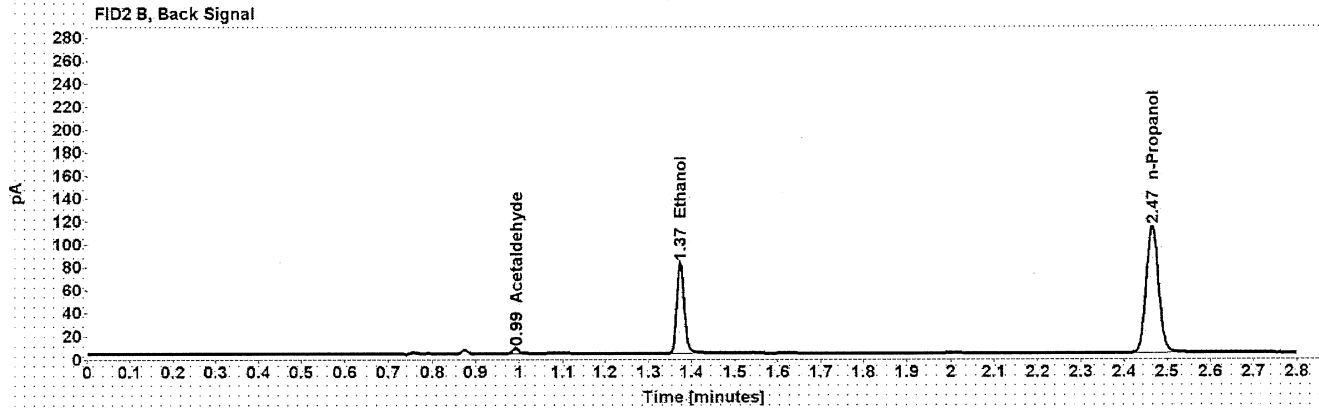
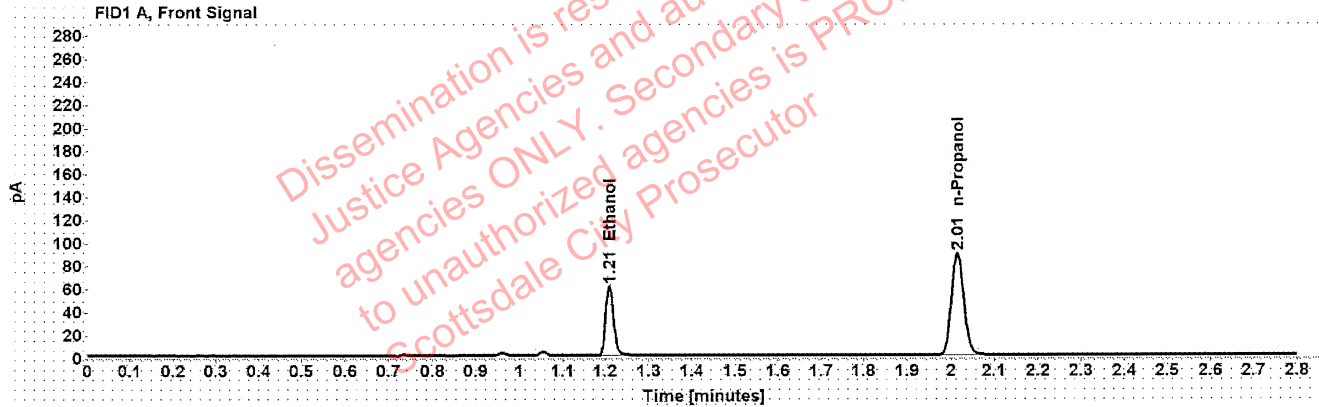


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1224	1.210	77.113
n-Propanol	-----	2.015	176.585

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.365
Ethanol	1.373	96.720
n-Propanol	2.465	222.607

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801NB	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 12:03:32 PM
Data file:	C:\Chem32\1\Data\09Sep21\14.D	Analyst:	Canonico

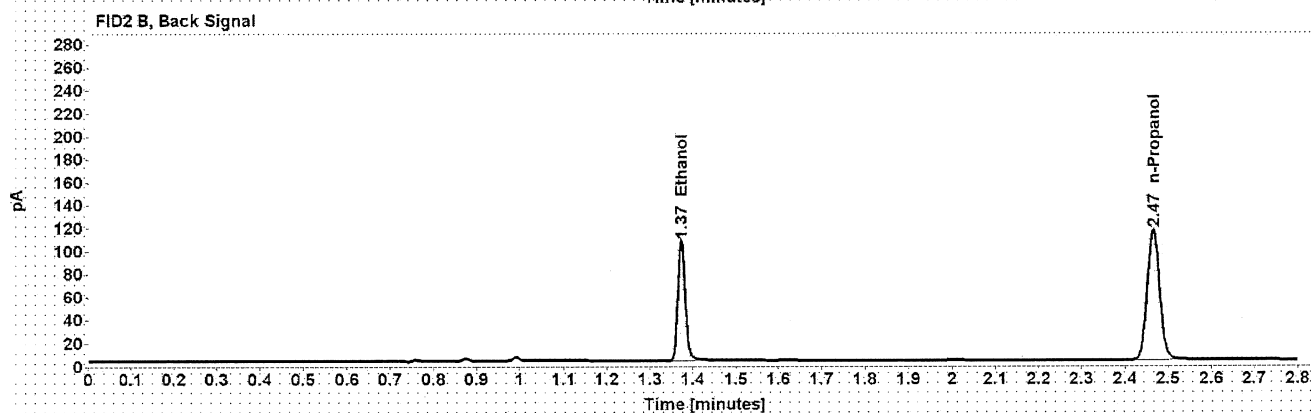
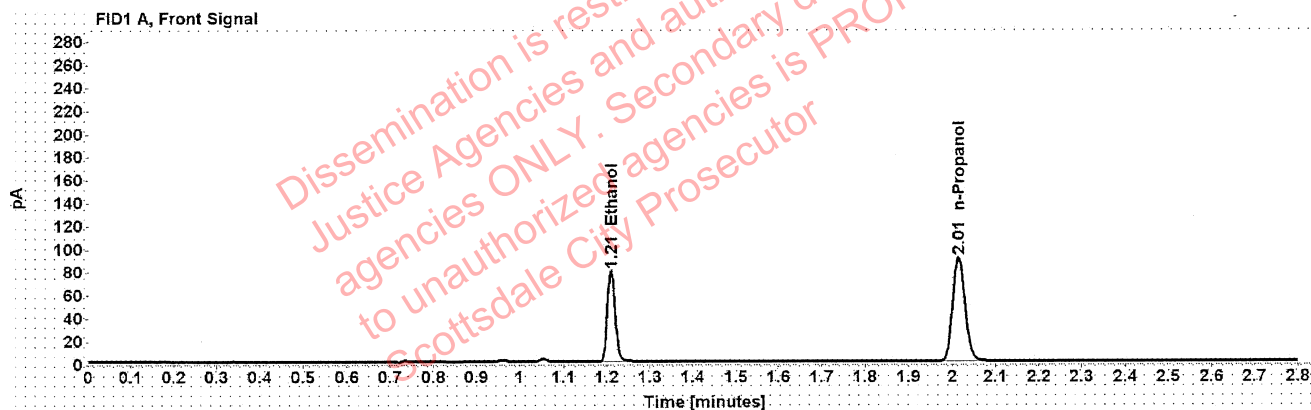


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1570	1.209	101.035
n-Propanol	-----	2.015	180.081

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

Compound	Time (min)	Peak Area
Ethanol	1.373	127.185
n-Propanol	2.465	226.943

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801NB	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 12:07:32 PM
Data file:	C:\Chem32\1\Data\09Sep21\15.D	Analyst:	Canonico

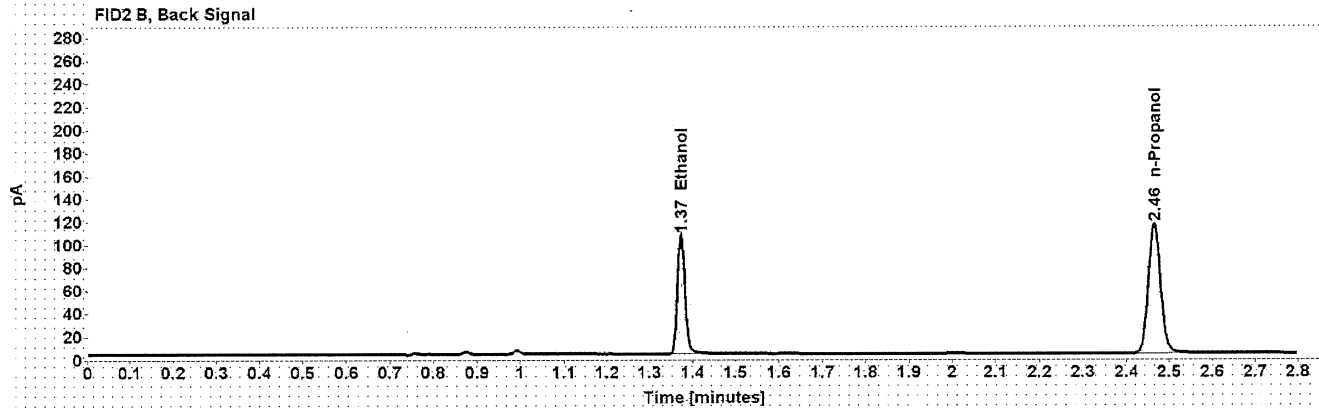
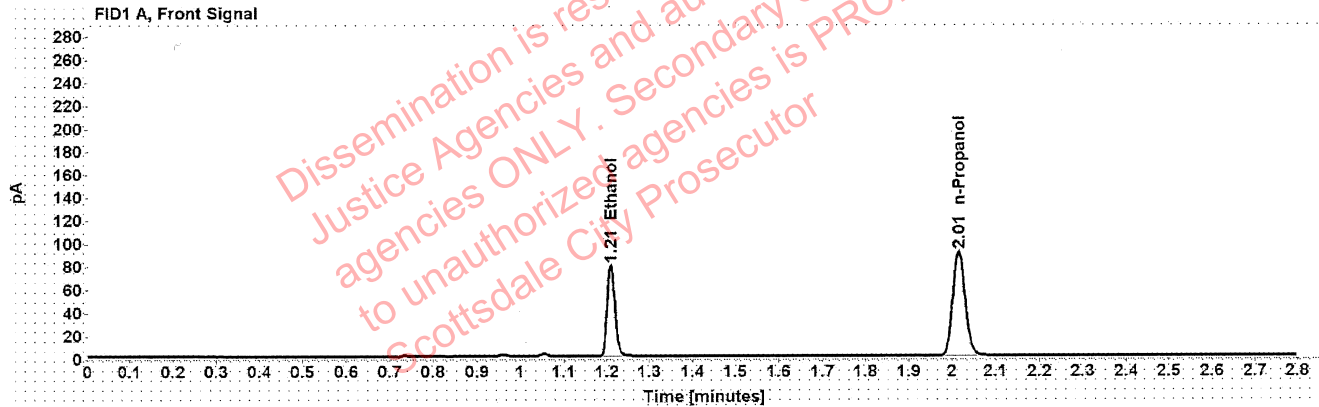


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1567	1.209	100.817
n-Propanol	-----	2.015	179.976

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

Compound	Time (min)	Peak Area
Ethanol	1.373	127.007
n-Propanol	2.465	226.624

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801AD	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 12:11:33 PM
Data file:	C:\Chem32\1\Data\09Sep21\16.D	Analyst:	Canonico

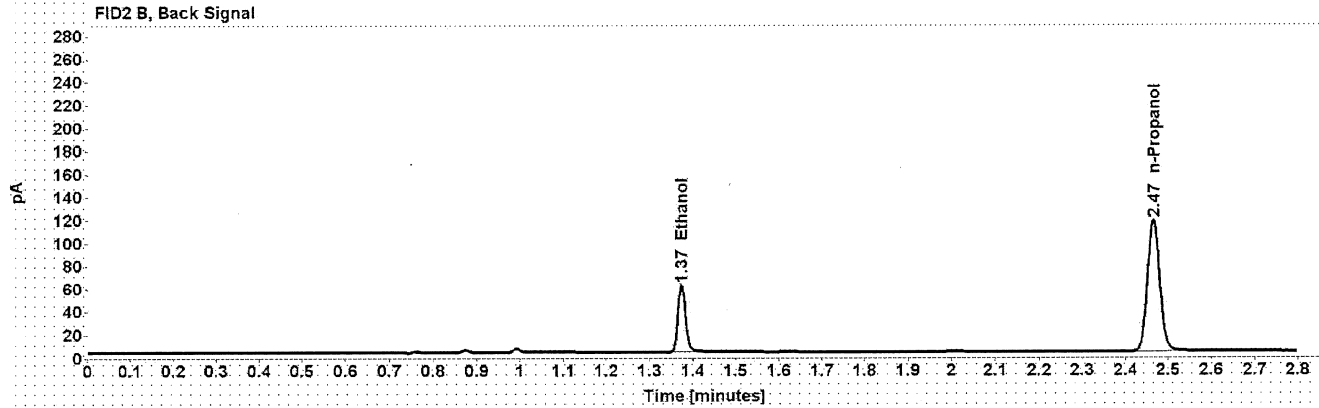
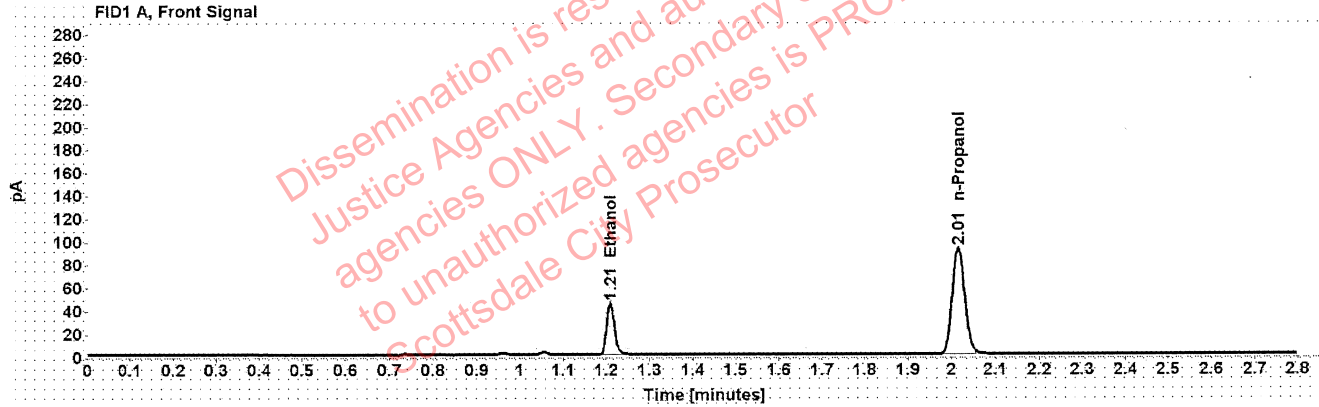


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0877	1.210	57.112
n-Propanol	-----	2.015	183.128

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

Compound	Time (min)	Peak Area
Ethanol	1.374	71.804
n-Propanol	2.465	230.882

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801AD	Vial:	17
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 12:15:34 PM
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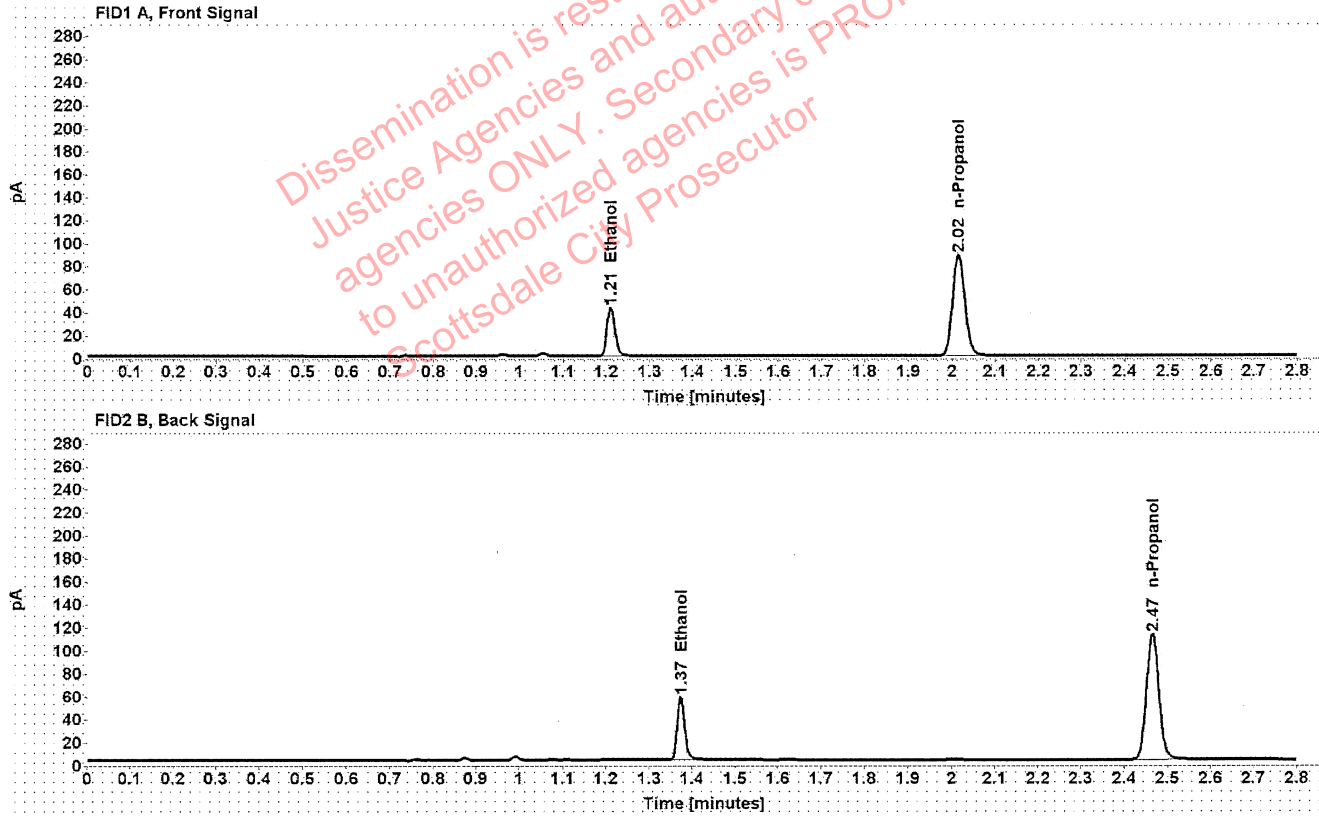


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0865	1.210	53.769
n-Propanol	-----	2.015	174.886

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

Compound	Time (min)	Peak Area
Ethanol	1.374	67.498
n-Propanol	2.465	220.372

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801JD	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 12:19:32 PM
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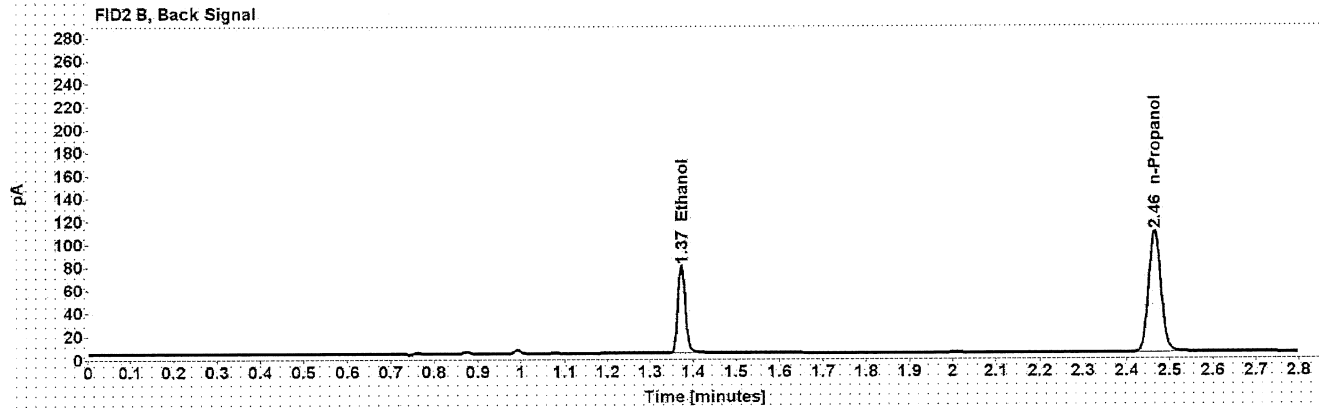
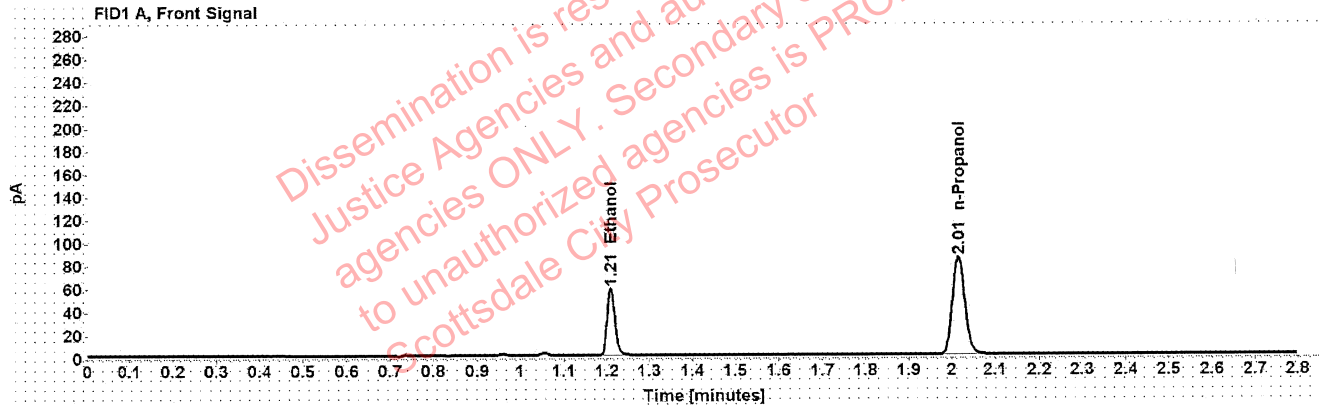


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1233	1.209	73.935
n-Propanol	-----	2.015	168.011

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

Compound	Time (min)	Peak Area
Ethanol	1.373	92.986
n-Propanol	2.465	211.487

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801JD	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 12:23:47 PM
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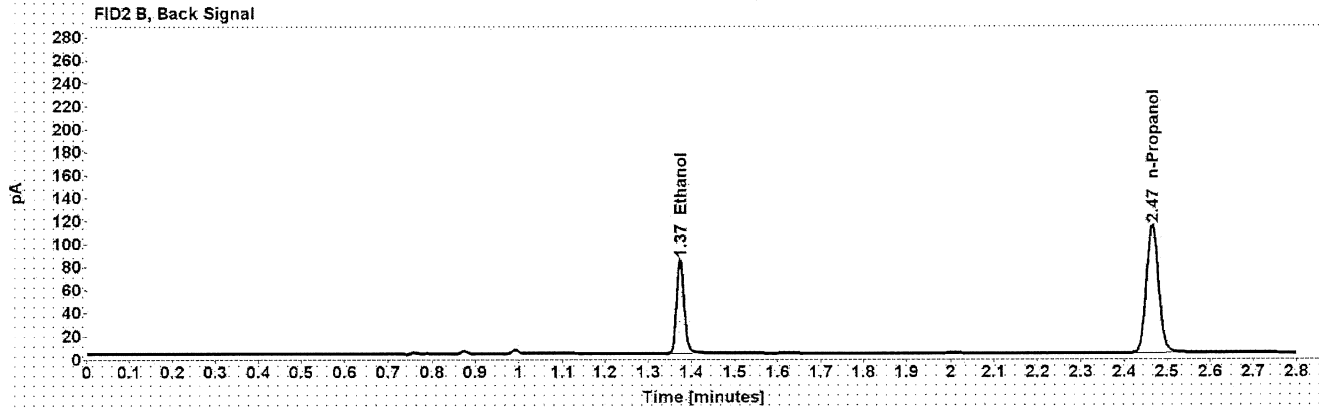
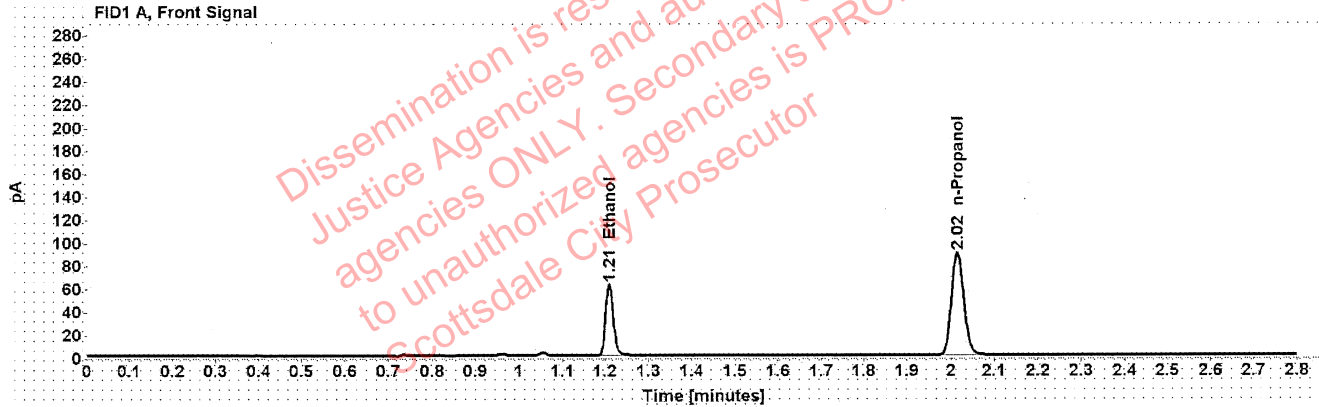


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1248	1.210	79.034
n-Propanol	-----	2.015	177.427

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

Compound	Time (min)	Peak Area
Ethanol	1.373	99.628
n-Propanol	2.465	223.427

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	17101EK	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 12:31:49 PM
Data file:	C:\Chem32\1\Data\09Sep21\21.D	Analyst:	Canonico

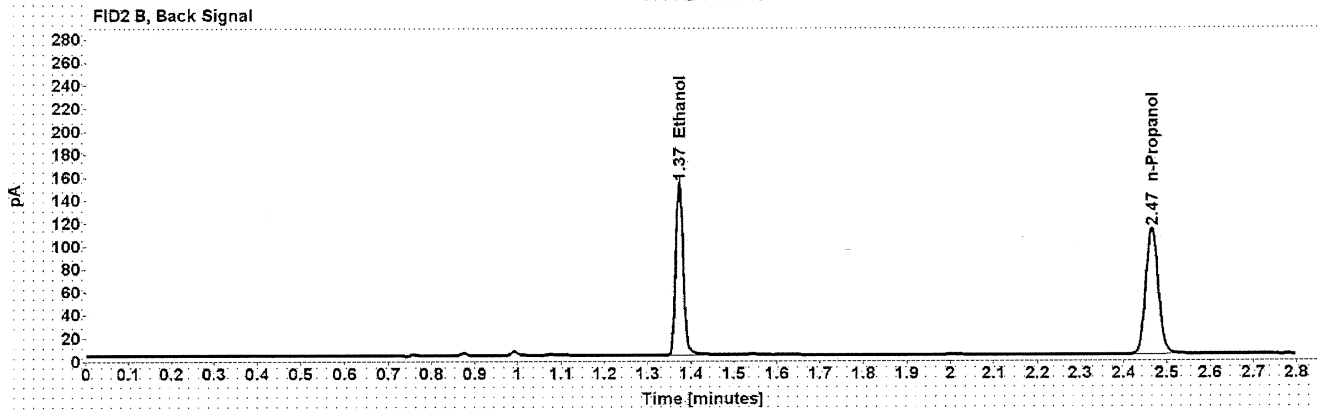
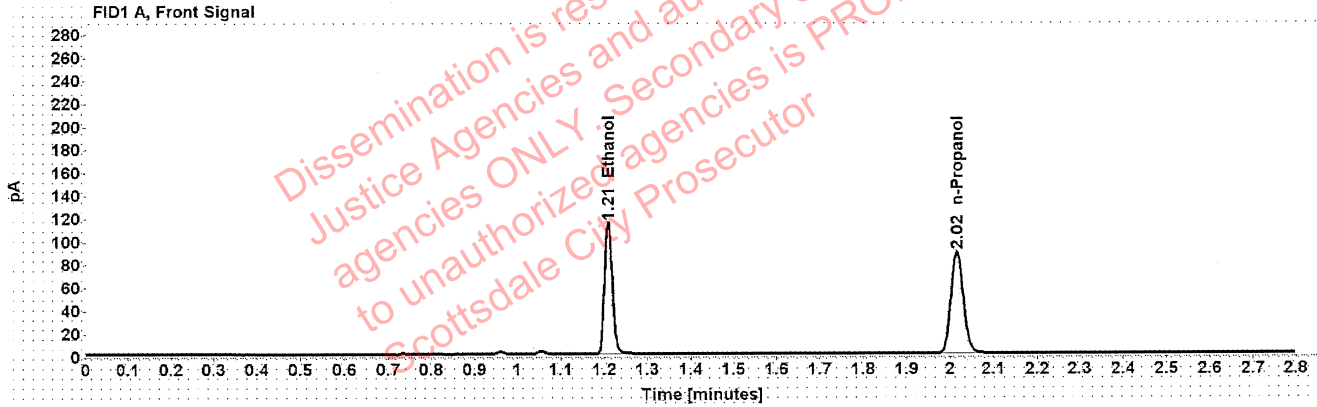


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2310	1.209	145.417
n-Propanol	-----	2.015	175.770

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

Compound	Time (min)	Peak Area
Ethanol	1.373	185.418
n-Propanol	2.465	221.321

[REDACTED]: Canonico, Erika - (10-Sep-2021)

Case: [REDACTED] User: ecanonico 9/10/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	17101EK	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 12:35:47 PM
Data file:	C:\Chem32\1\Data\09Sep21\22.D	Analyst:	Canonico

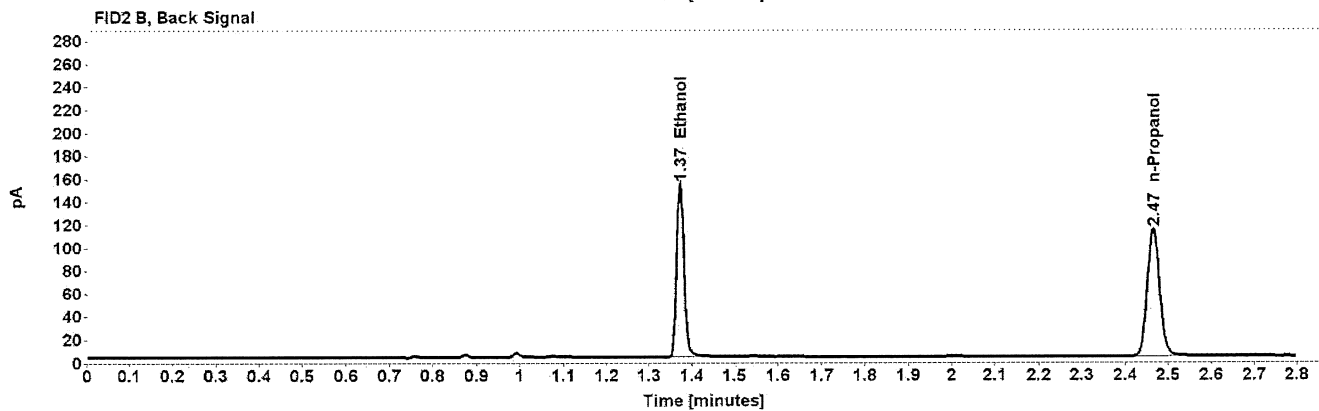
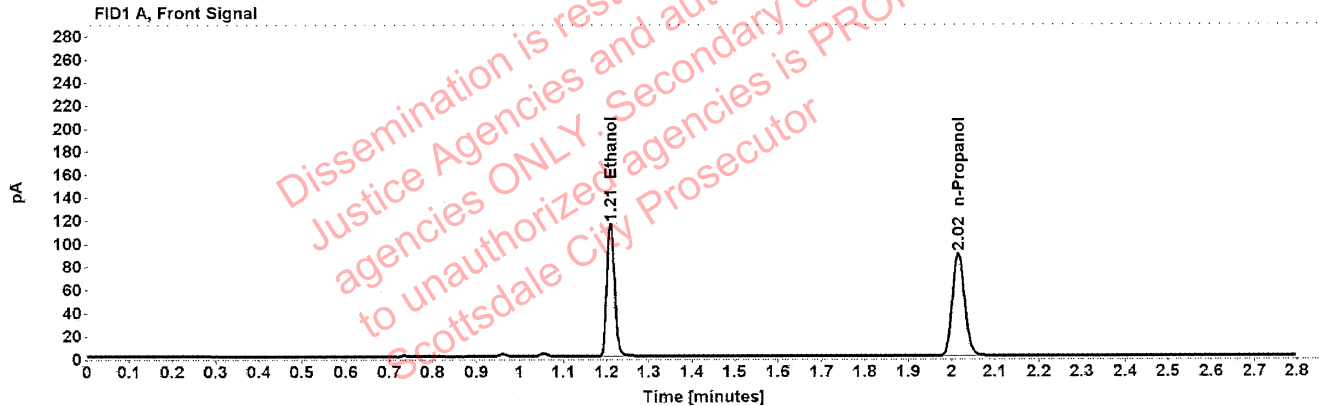


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2307	1.209	146.434
n-Propanol	-----	2.015	177.209

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

Compound	Time (min)	Peak Area
Ethanol	1.373	185.333
n-Propanol	2.465	223.333

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801BT	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 12:39:47 PM
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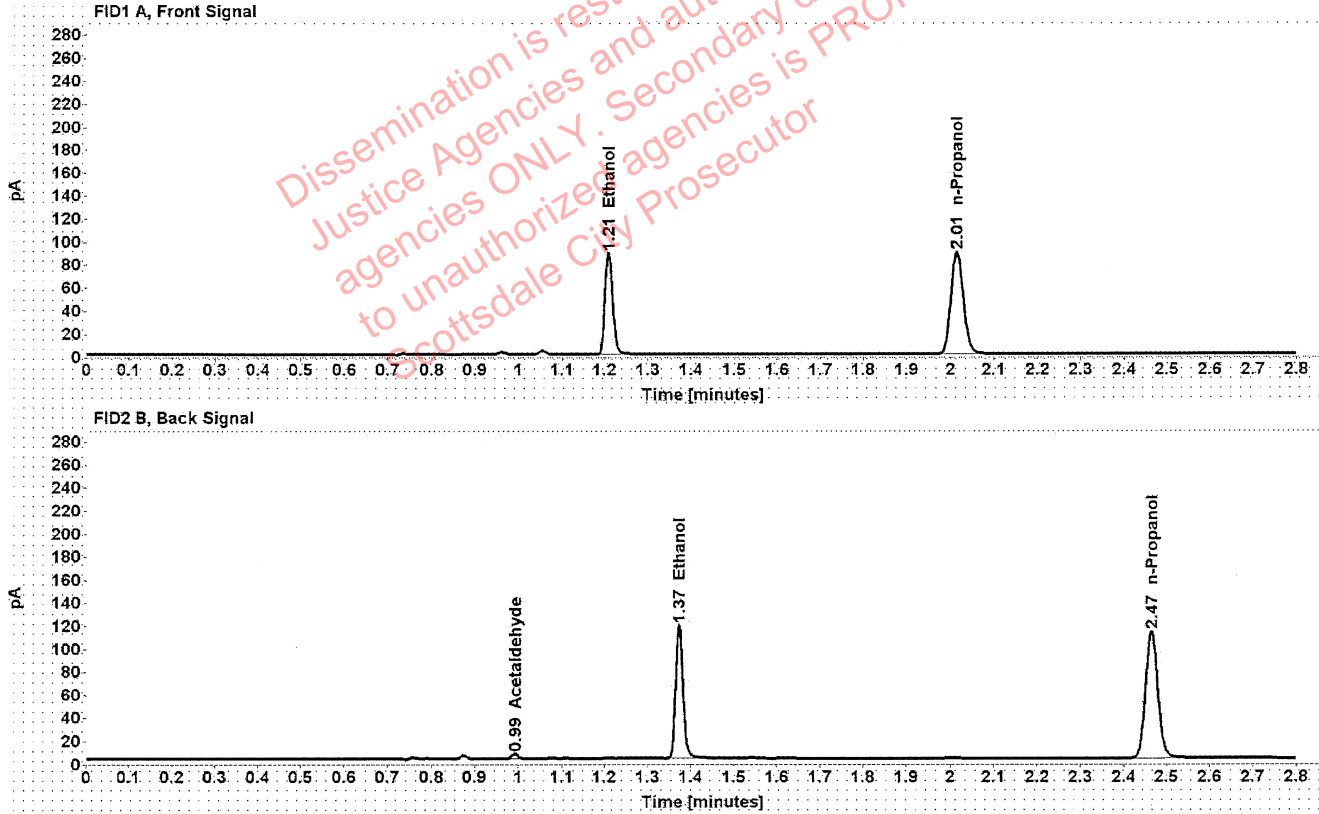


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1781	1.209	112.576
n-Propanol	-----	2.015	176.752

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.235
Ethanol	1.373	142.058
n-Propanol	2.465	222.391

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801BT	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 12:43:47 PM
Data file:	C:\Chem32\1\Data\09Sep21\24.D	Analyst:	Canonico

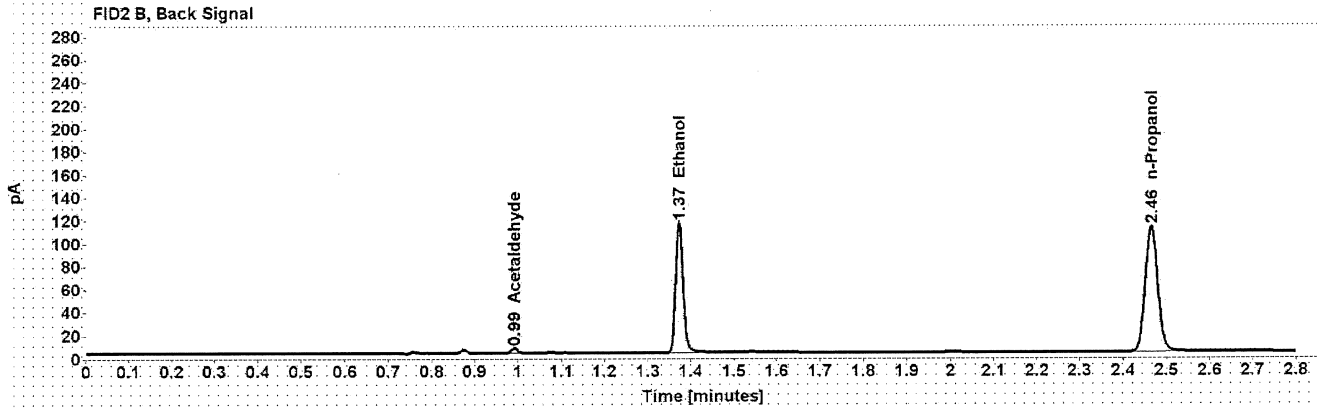
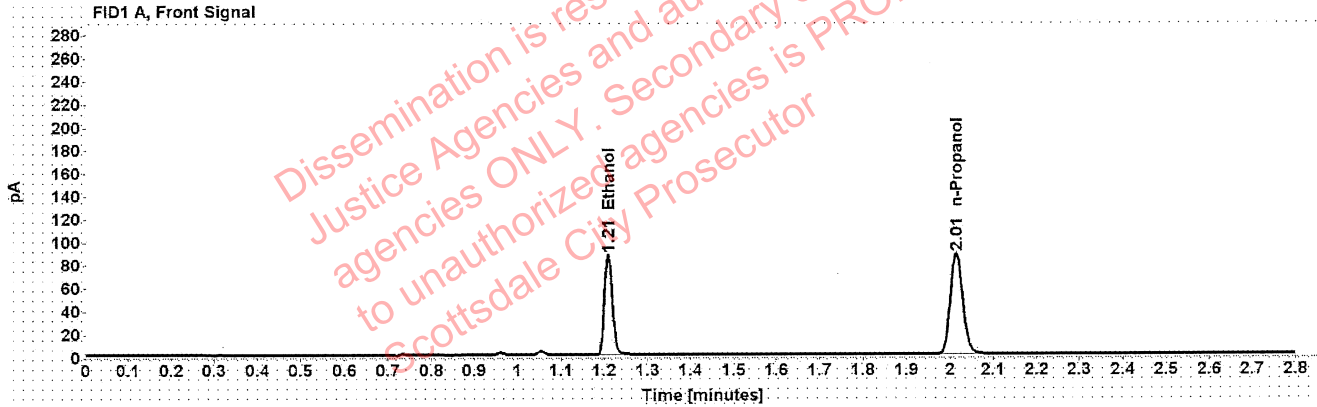


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1769	1.209	110.262
n-Propanol	-----	2.015	174.240

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	4.242
Ethanol	1.373	139.324
n-Propanol	2.465	219.189

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701DH	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 12:48:03 PM
Data file:	C:\Chem32\1\Data\09Sep21\25.D	Analyst:	Canonico

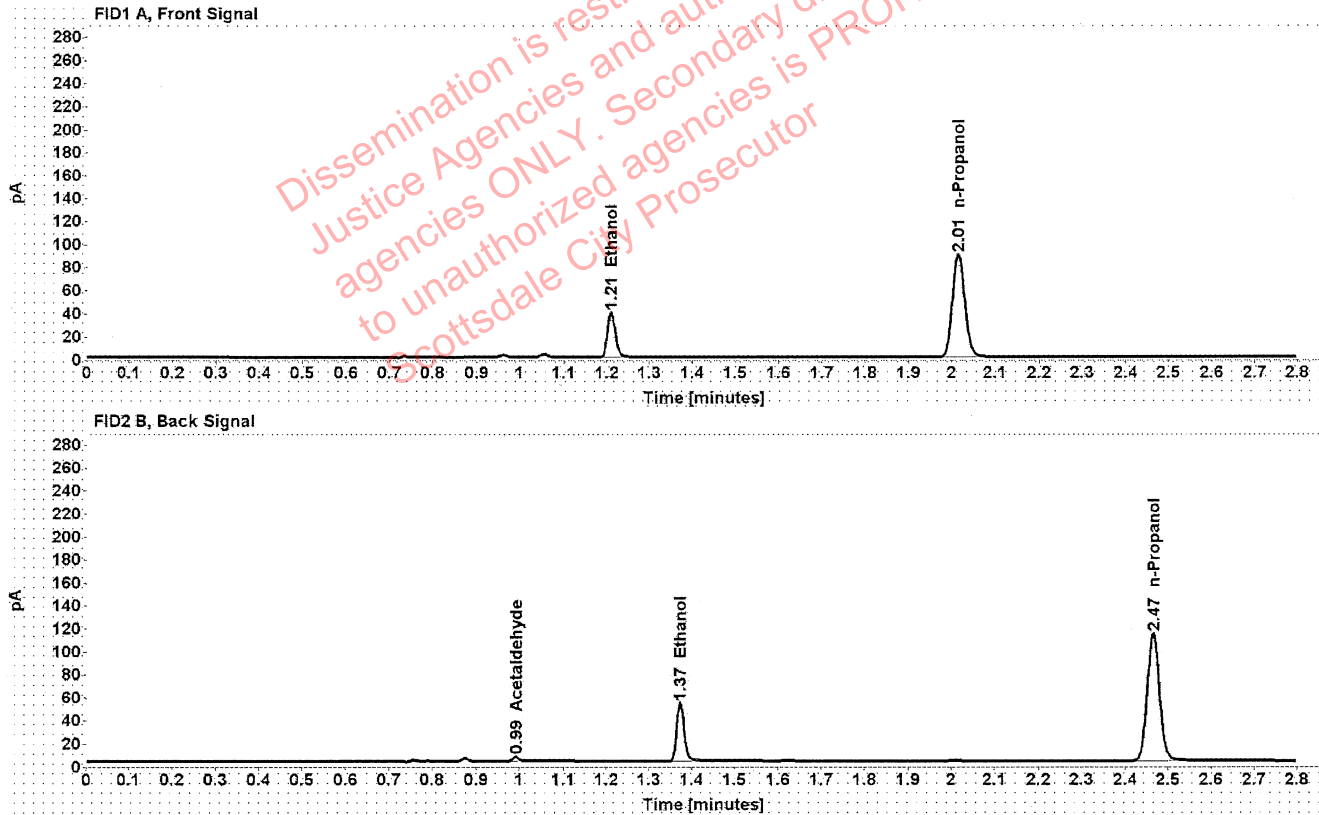


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0793	1.210	49.890
n-Propanol	-----	2.015	177.165

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	3.802
Ethanol	1.374	62.336
n-Propanol	2.465	223.105

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701DH	Vial:	26
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 12:52:02 PM
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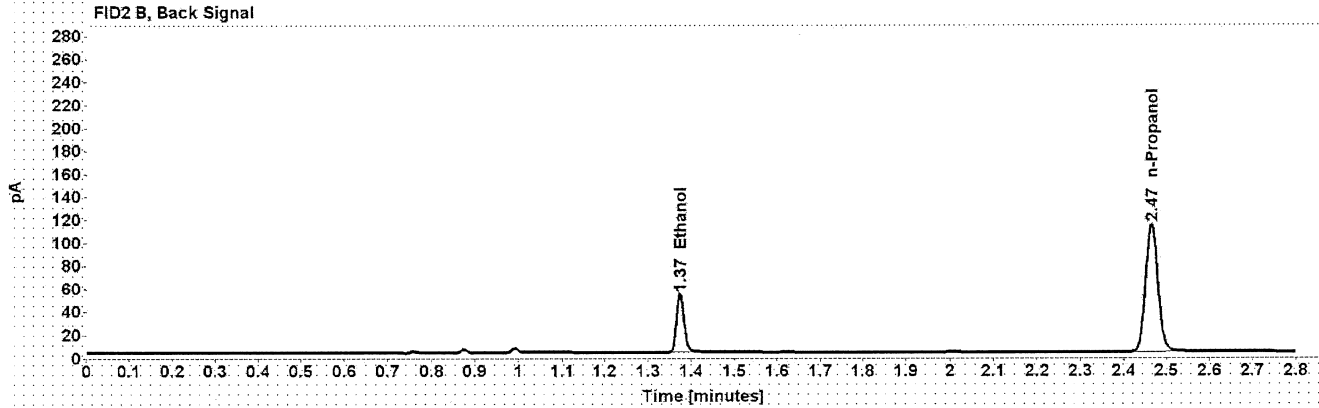
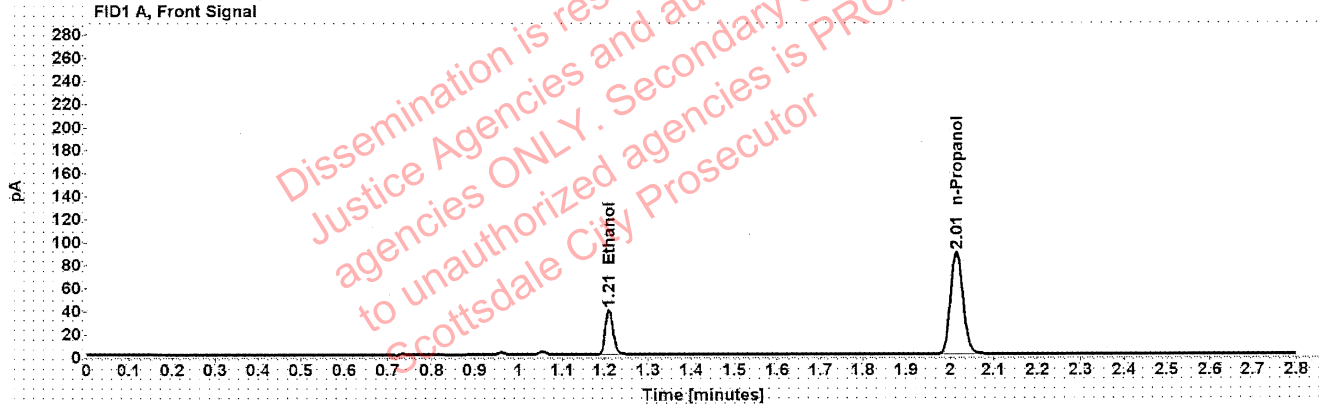


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0791	1.210	49.765
n-Propanol	-----	2.015	177.106

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

Compound	Time (min)	Peak Area
Ethanol	1.374	62.317
n-Propanol	2.465	222.787

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38901HG	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 12:56:02 PM
Data file:	C:\Chem32\1\Data\09Sep21\27.D	Analyst:	Canonico

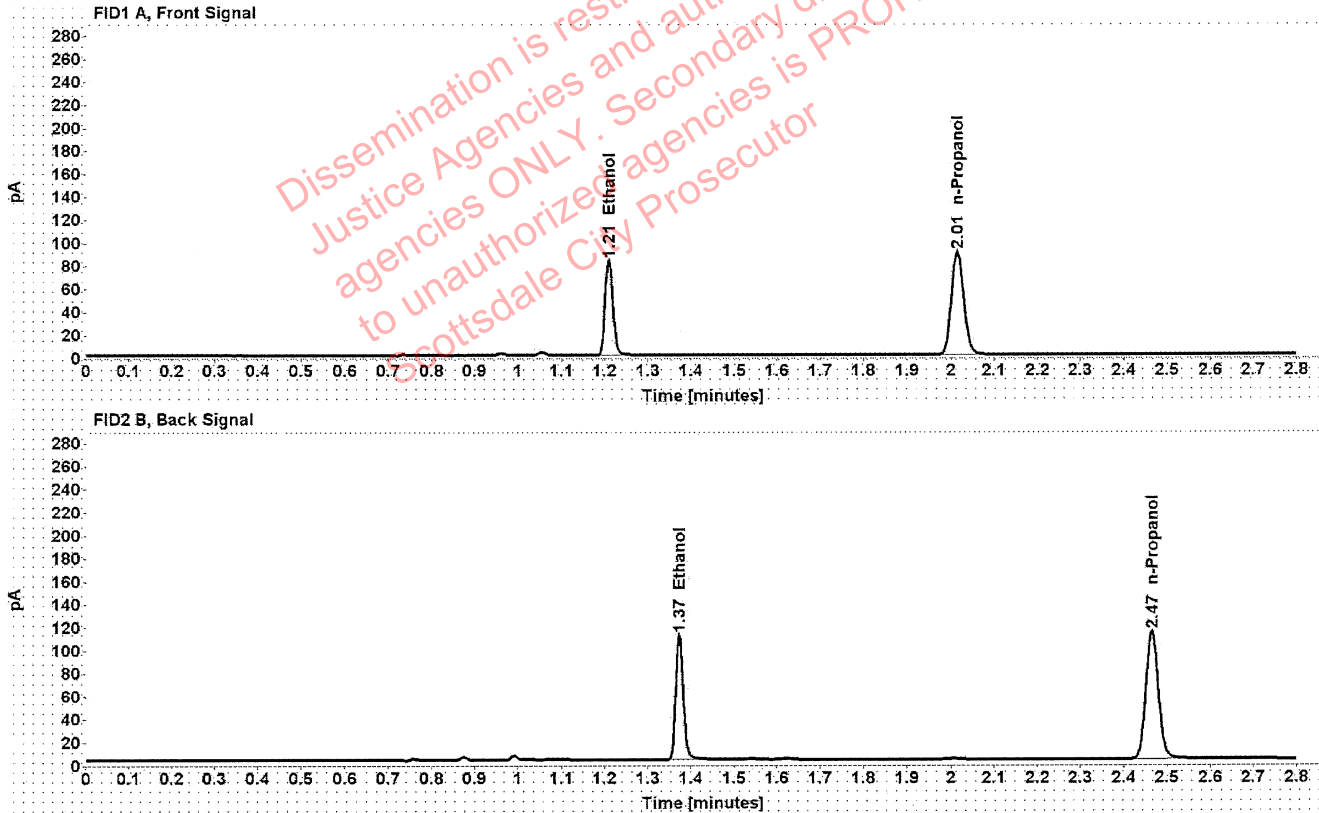


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1663	1.209	105.937
n-Propanol	-----	2.015	178.188

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

Compound	Time (min)	Peak Area
Ethanol	1.373	133.685
n-Propanol	2.465	224.886

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38901HG	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 1:00:03 PM
Data file:	C:\Chem32\1\Data\09Sep21\28.D	Analyst:	Canonico

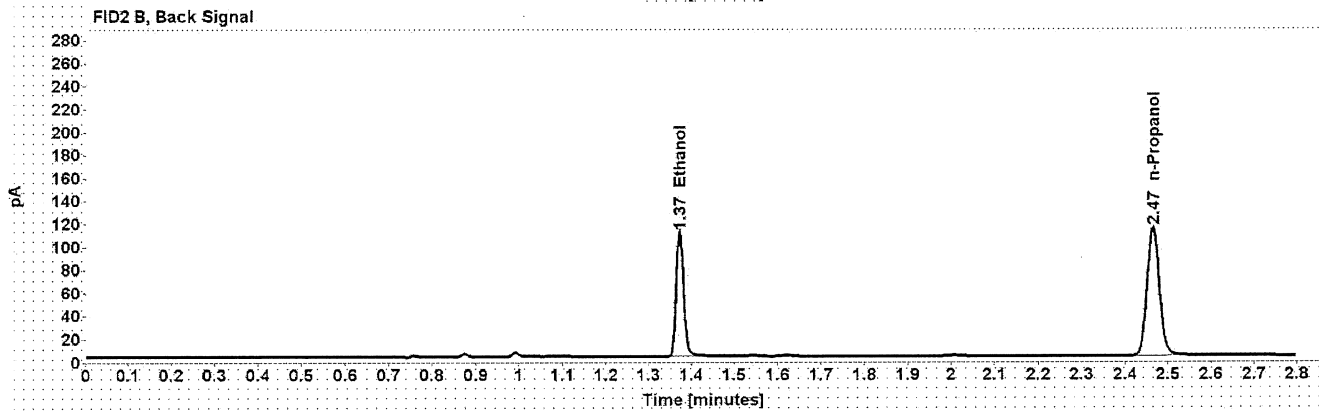
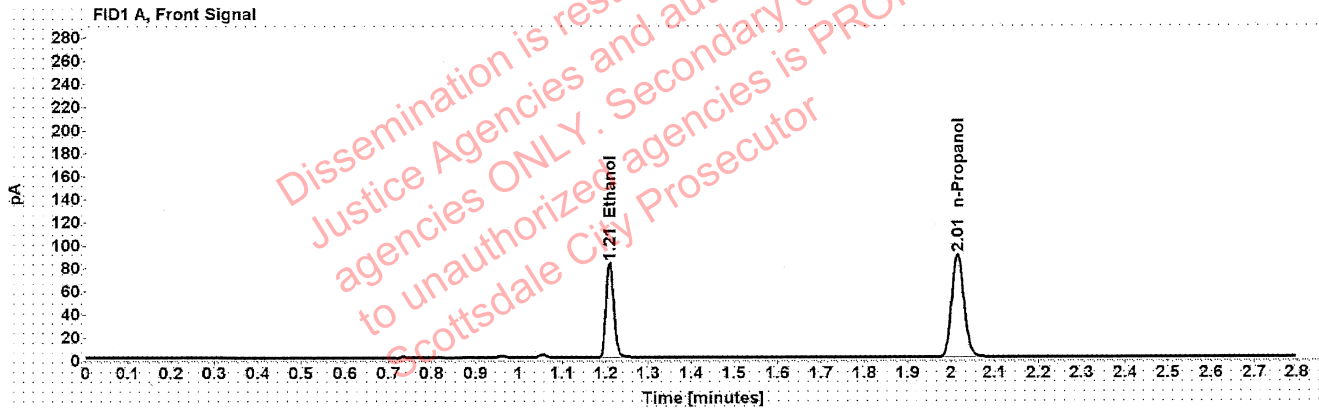


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1658	1.209	105.369
n-Propanol	-----	2.015	177.772

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

Compound	Time (min)	Peak Area
Ethanol	1.373	132.897
n-Propanol	2.465	224.467

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	37201VR	Vial:	29
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 1:04:02 PM
Data file:	C:\Chem32\1\Data\09Sep21\29.D	Analyst:	Canonico

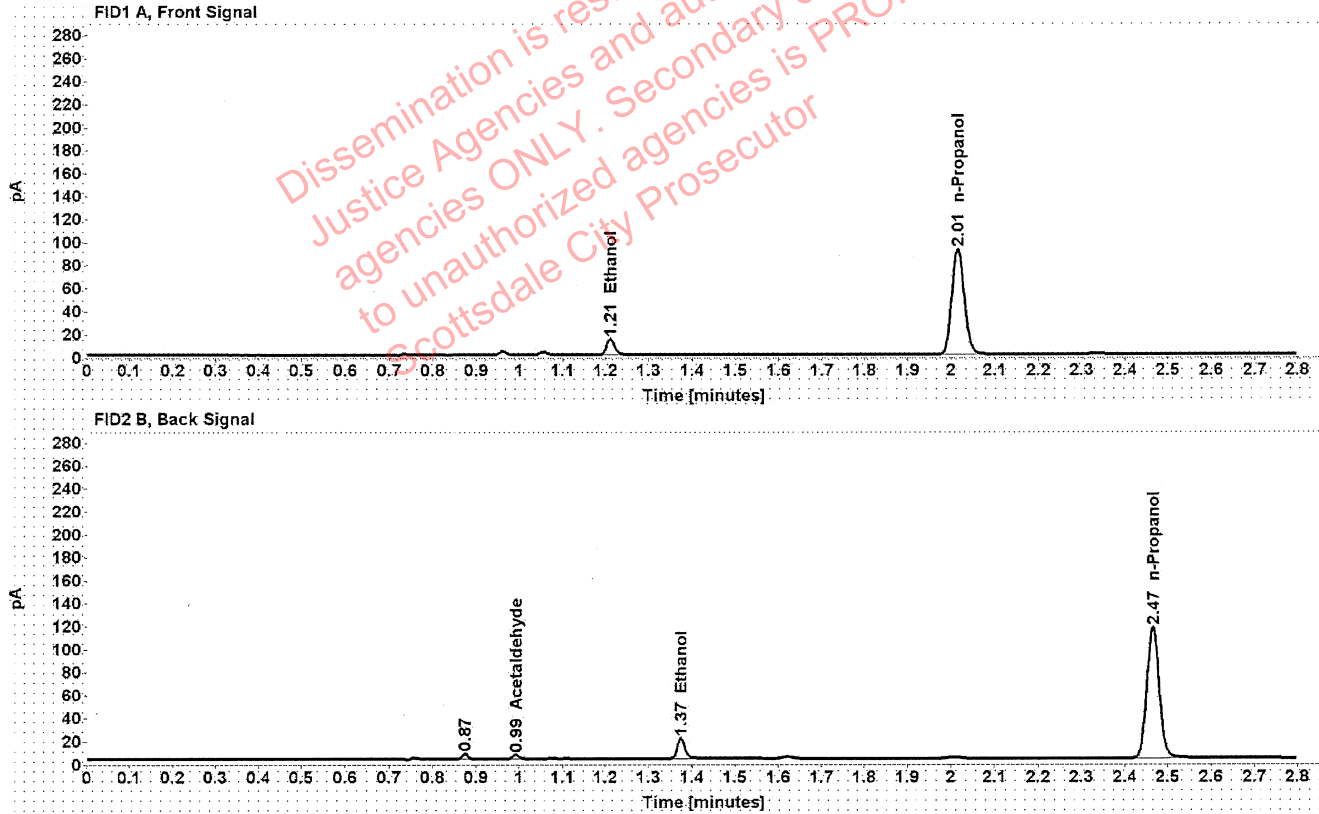


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0279	1.212	17.625
n-Propanol	-----	2.015	182.291

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	3.795
Ethanol	1.375	22.547
n-Propanol	2.465	230.735

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	37201VR	Vial:	30
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 1:08:03 PM
Data file:	C:\Chem32\1\Data\09Sep21\30.D	Analyst:	Canonico

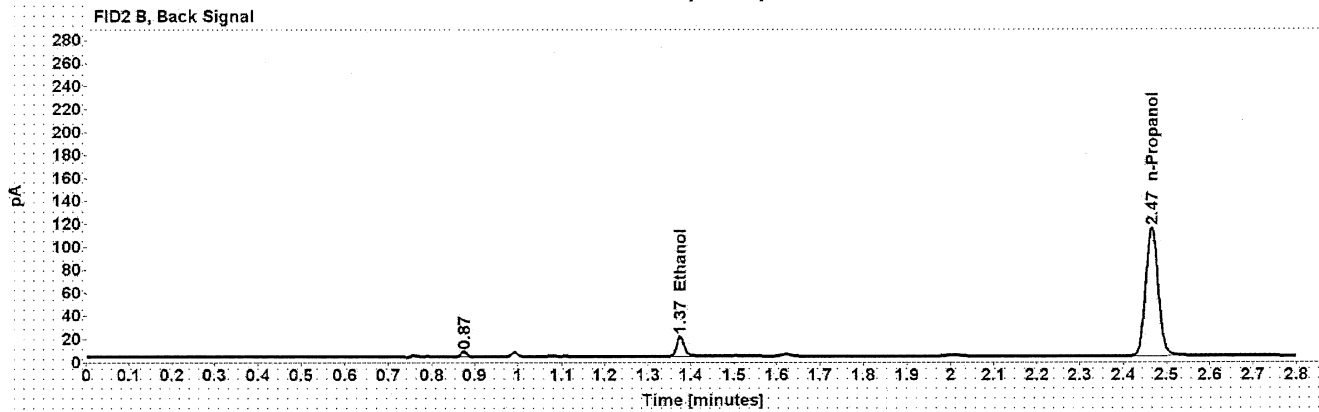
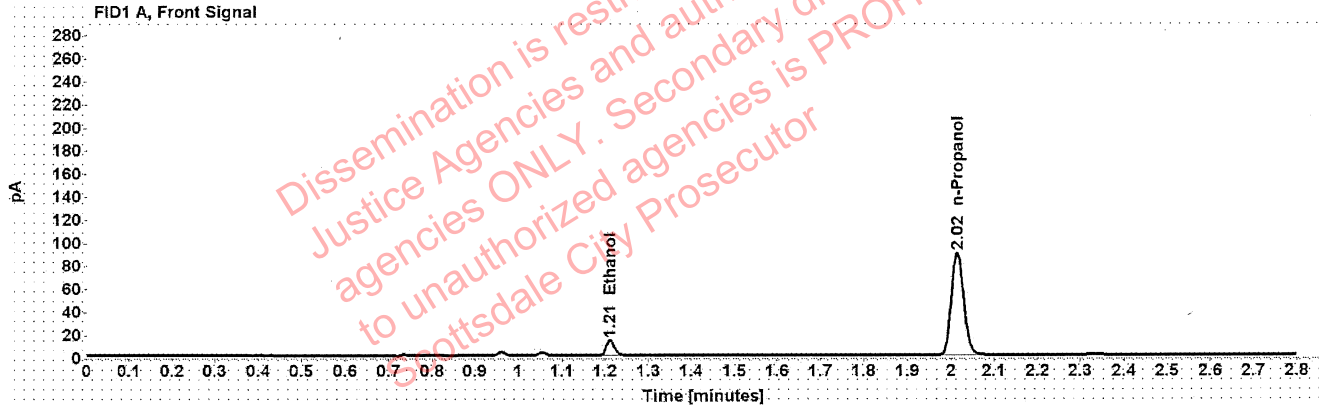


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0276	1.212	17.079
n-Propanol	-----	2.015	178.670

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

Compound	Time (min)	Peak Area
Ethanol	1.375	21.860
n-Propanol	2.465	224.787

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 1387576	Vial: 32	
Description: ██████████	LIMS ID: ██████████	
Method: ethanol quant.M	Sequence: 09Sep21	
Instrument: US14173023 CN14160045	Injection date: 9/9/2021 1:16:17 PM	
Data file: C:\Chem32\1\Data\09Sep21\32.D	Analyst: Canonico	

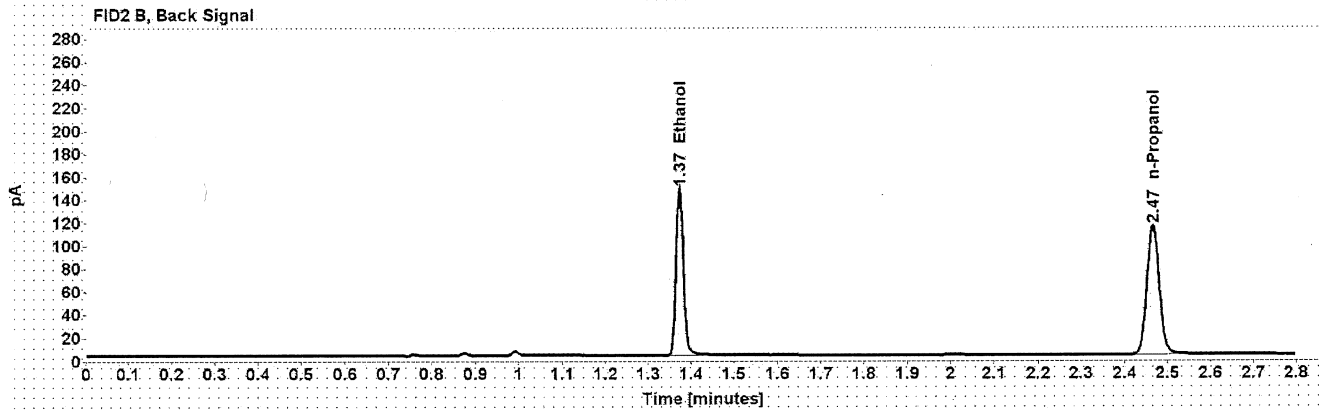
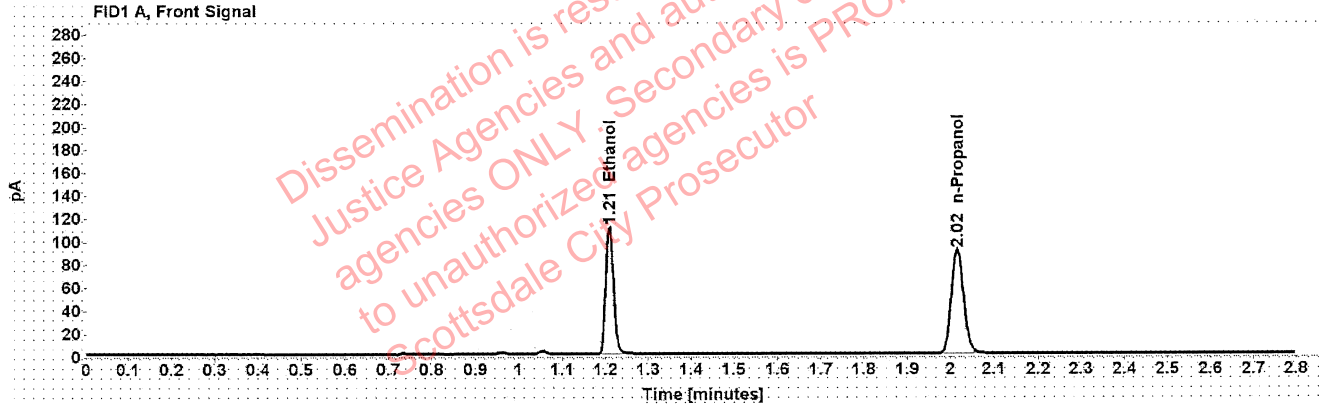


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2187	1.209	140.649
n-Propanol	-----	2.015	179.598

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

Compound	Time (min)	Peak Area
Ethanol	1.373	179.331
n-Propanol	2.465	226.519

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1387576	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 1:20:19 PM
Data file:	C:\Chem32\1\Data\09Sep21\33.D	Analyst:	Canonico

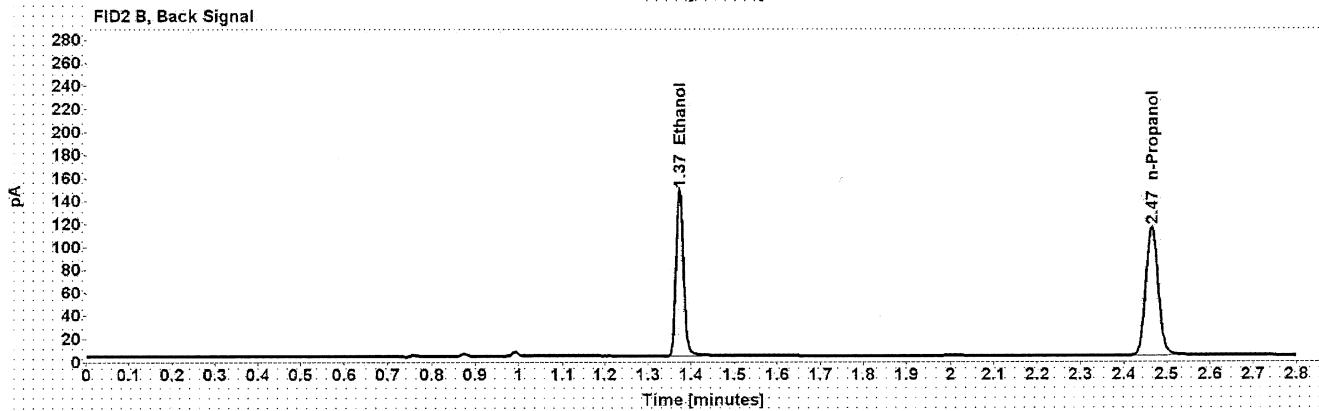
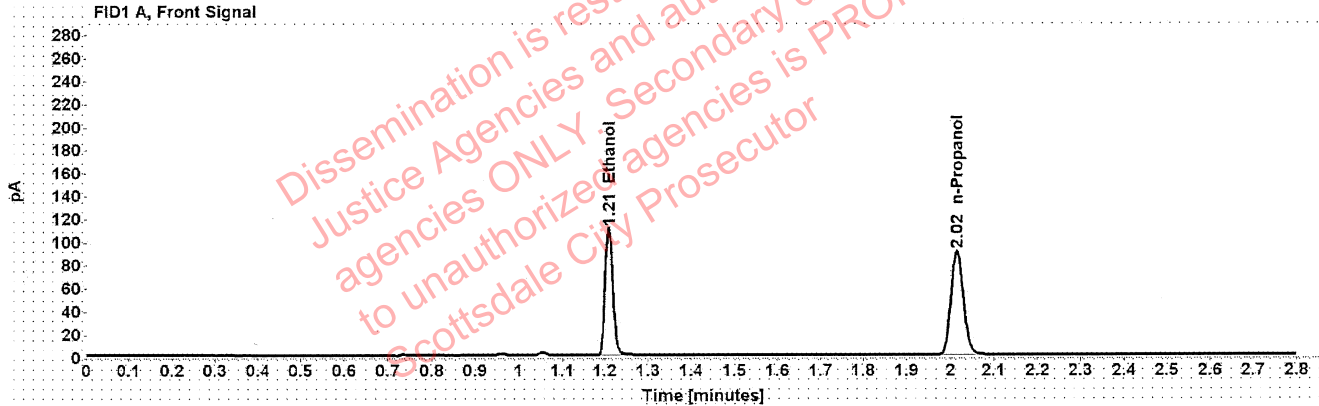


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2188	1.209	140.078
n-Propanol	-----	2.015	178.835

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

Compound	Time (min)	Peak Area
Ethanol	1.373	178.576
n-Propanol	2.465	225.479

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1386513	Vial:	34
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 1:24:16 PM
Data file:	C:\Chem32\1\Data\09Sep21\34.D	Analyst:	Canonico

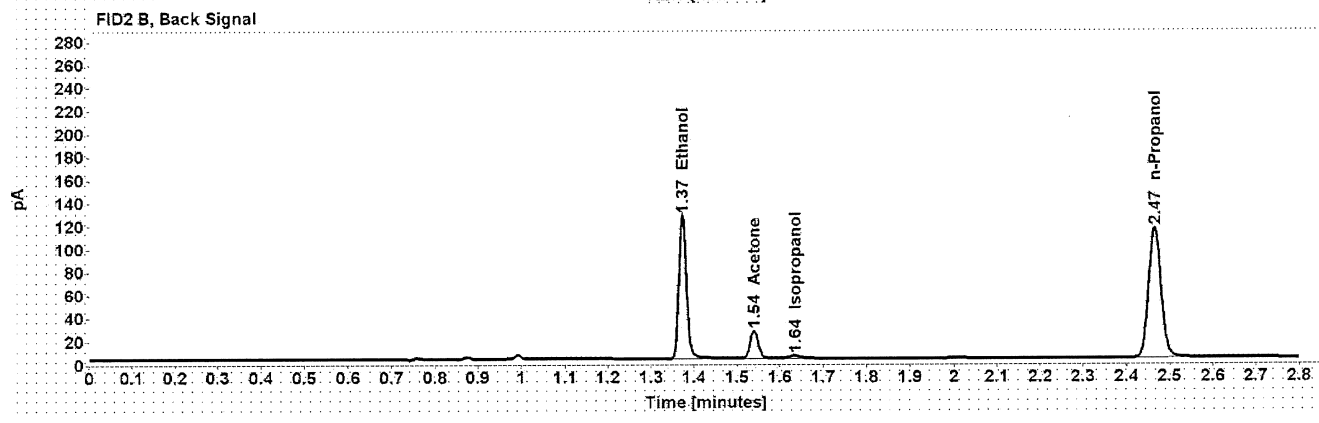
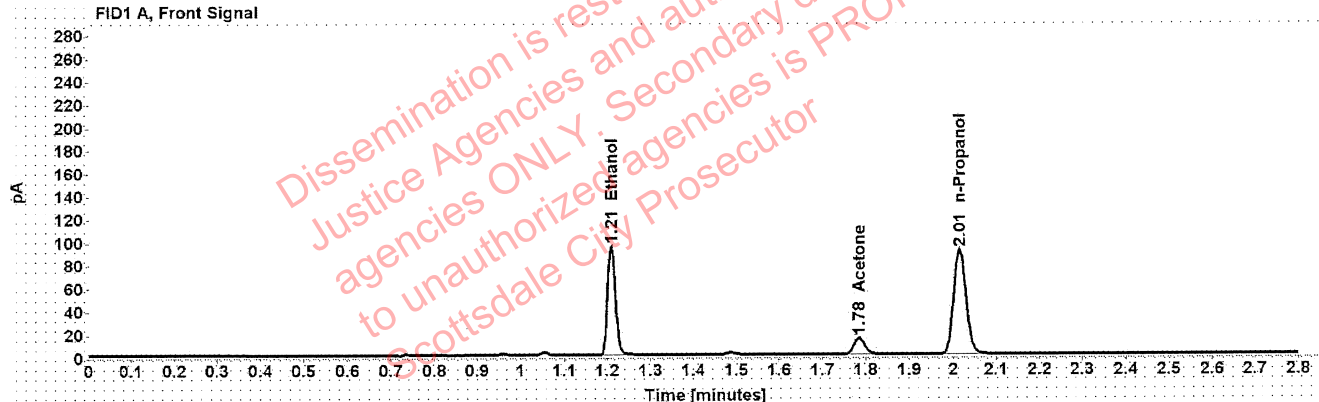


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1873	1.209	121.053
Acetone	-----	1.784	24.892
n-Propanol	-----	2.015	180.607

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

Compound	Time (min)	Peak Area
Ethanol	1.373	154.417
Acetone	1.540	32.449
Isopropanol	1.636	4.511
n-Propanol	2.465	227.066

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1386513	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 1:28:16 PM
Data file:	C:\Chem32\1\Data\09Sep21\35.D	Analyst:	Canonico

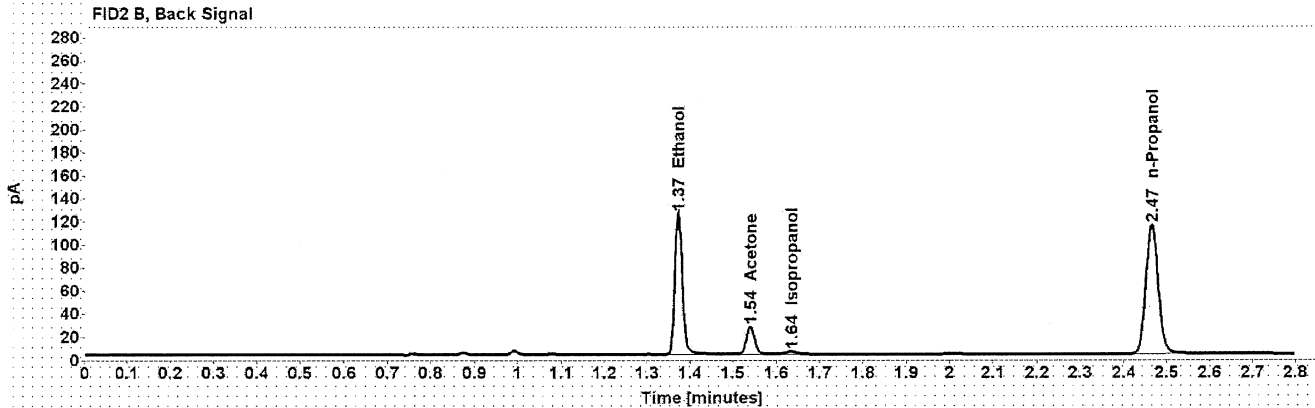
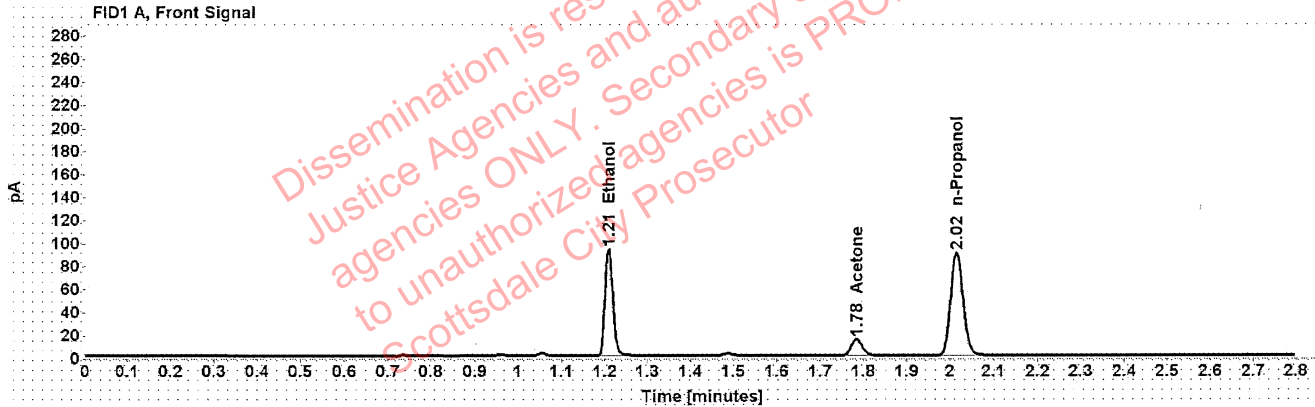


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1862	1.209	119.183
Acetone	-----	1.784	24.884
n-Propanol	-----	2.015	178.924

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

Compound	Time (min)	Peak Area
Ethanol	1.373	151.958
Acetone	1.540	32.397
Isopropanol	1.636	4.448
n-Propanol	2.465	225.136

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1386846	Vial:	36
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 1:32:18 PM
Data file:	C:\Chem32\1\Data\09Sep21\36.D	Analyst:	Canonico

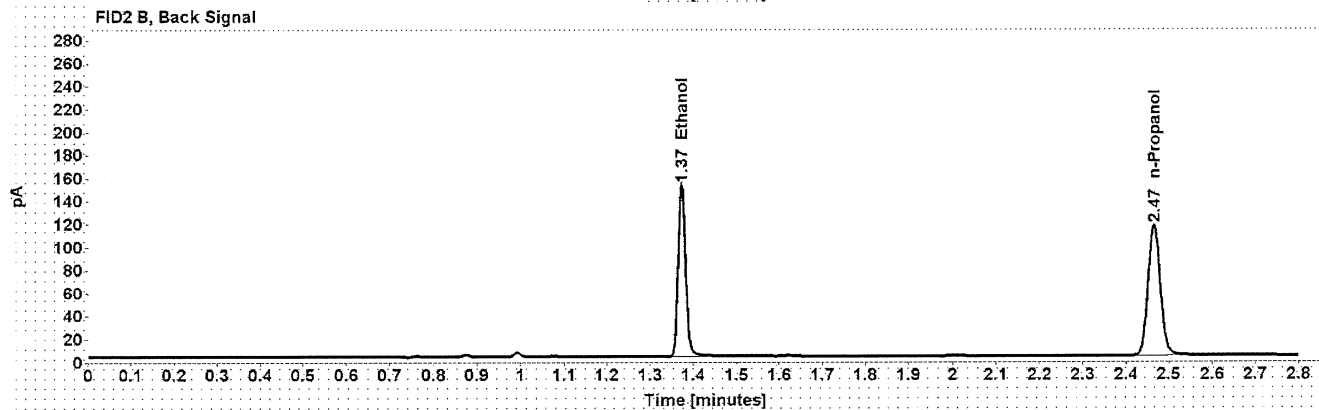
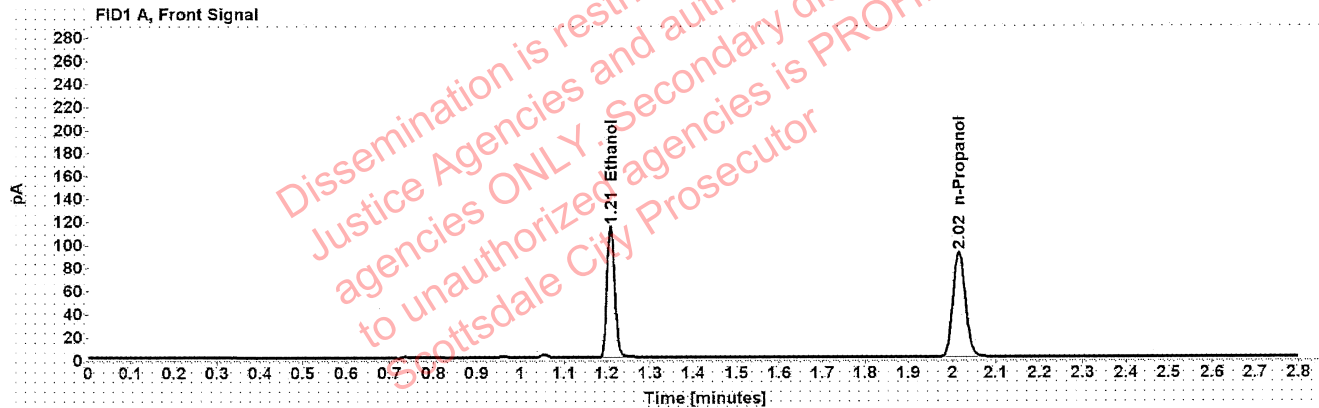


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2230	1.209	144.936
n-Propanol	-----	2.015	181.478

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

Compound	Time (min)	Peak Area
Ethanol	1.373	184.540
n-Propanol	2.465	228.795

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1386846	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 1:36:32 PM
Data file:	C:\Chem32\1\Data\09Sep21\37.D	Analyst:	Canonico

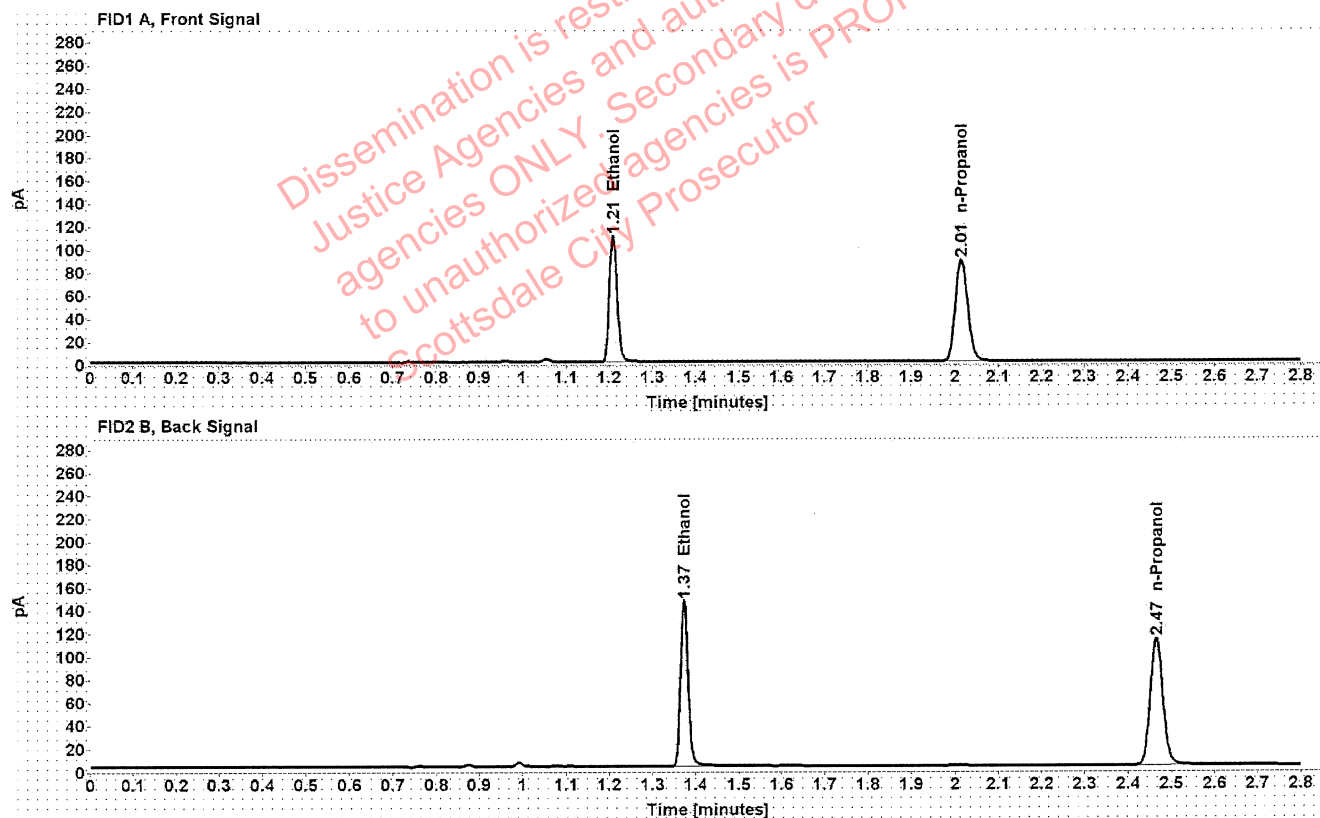


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2217	1.209	139.771
n-Propanol	-----	2.015	176.088

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

Compound	Time (min)	Peak Area
Ethanol	1.373	177.801
n-Propanol	2.465	221.758

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1387586	Vial:	38
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 1:40:31 PM
Data file:	C:\Chem32\1\Data\09Sep21\38.D	Analyst:	Canonico

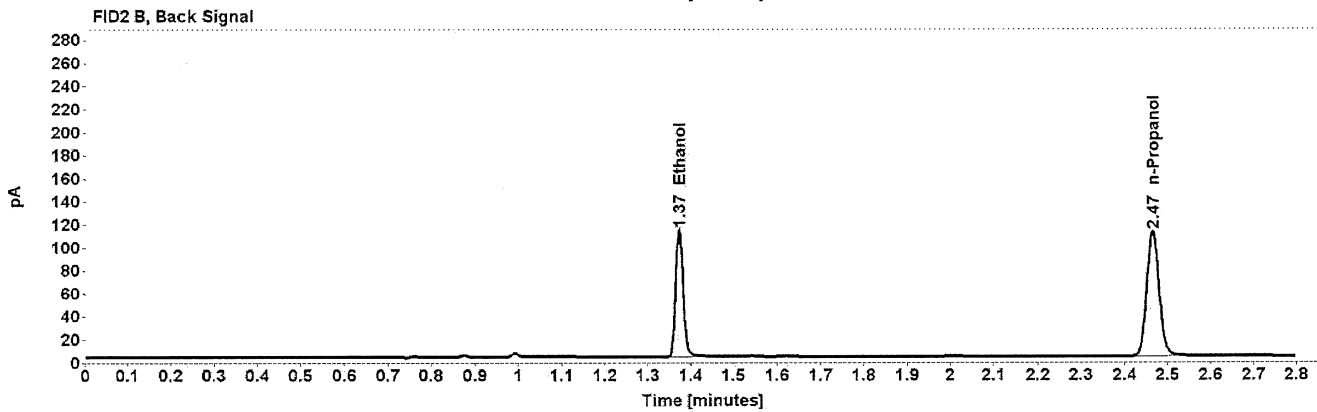
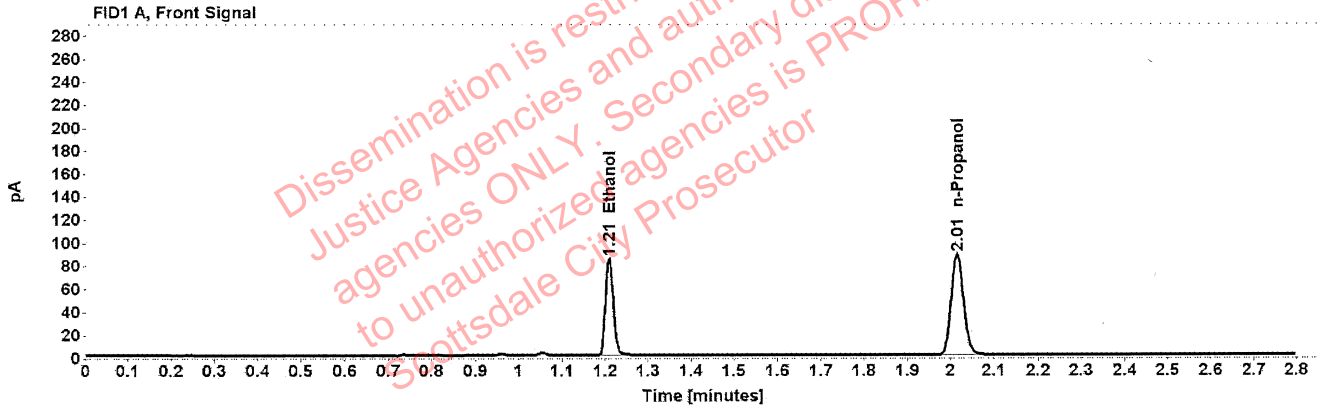


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1728	1.209	107.744
n-Propanol	-----	2.015	174.313

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

Compound	Time (min)	Peak Area
Ethanol	1.373	135.965
n-Propanol	2.465	219.716

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1387586	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 1:44:33 PM
Data file:	C:\Chem32\1\Data\09Sep21\39.D	Analyst:	Canonico

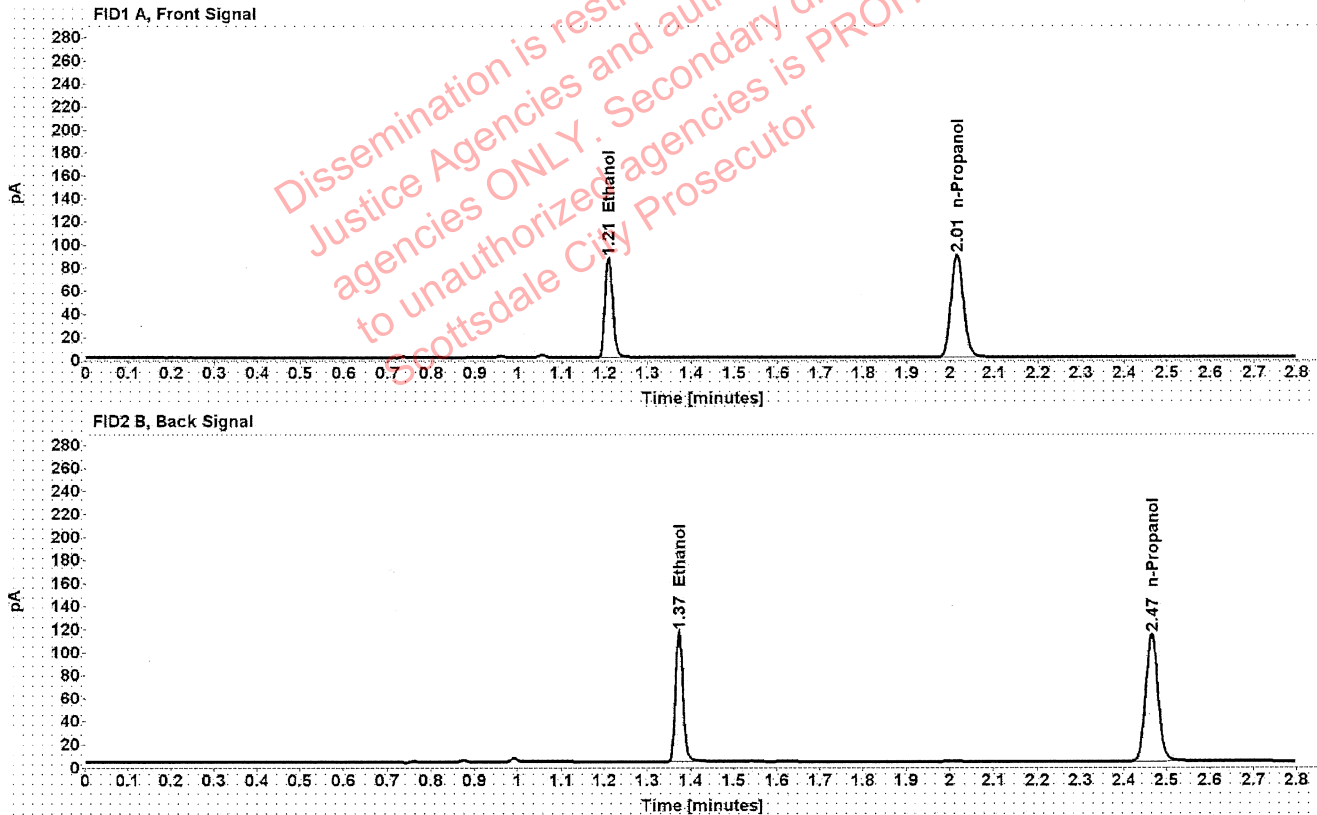


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1739	1.209	110.225
n-Propanol	-----	2.015	177.262

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

Compound	Time (min)	Peak Area
Ethanol	1.373	138.752
n-Propanol	2.465	223.434

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1349975	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 1:48:33 PM
Data file:	C:\Chem32\1\Data\09Sep21\40.D	Analyst:	Canonico

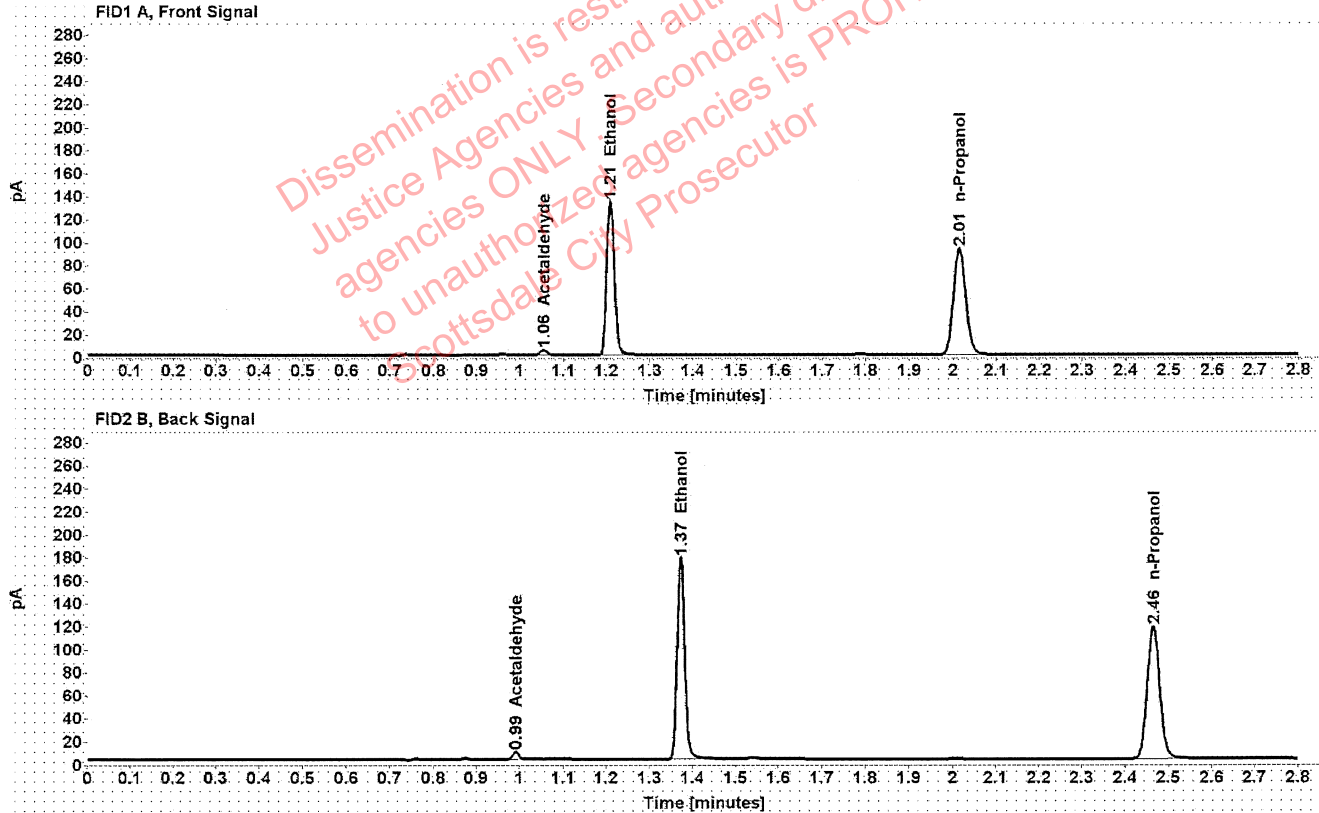


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.598
>Ethanol	0.2577	1.209	170.360
n-Propanol	-----	2.015	184.483

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	6.009
Ethanol	1.373	215.615
n-Propanol	2.465	232.359

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1349975	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 1:52:32 PM
Data file:	C:\Chem32\1\Data\09Sep21\41.D	Analyst:	Canonico

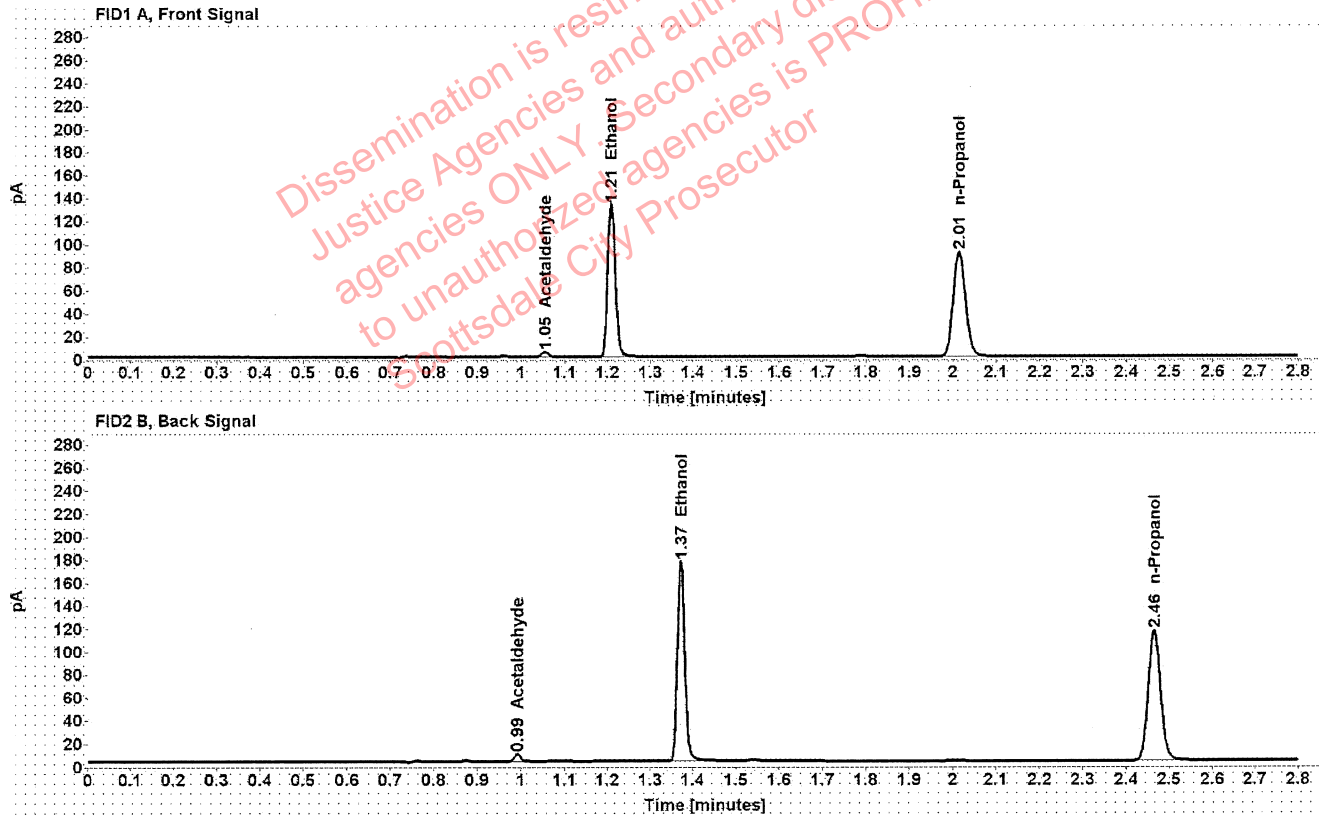


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Acetaldehyde	-----	1.055	4.623
>Ethanol	0.2595	1.209	168.539
n-Propanol	-----	2.015	181.257

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	6.029
Ethanol	1.372	213.449
n-Propanol	2.465	228.372

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	TUBE02	Vial:	43
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 2:00:46 PM
Data file:	C:\Chem32\1\Data\09Sep21\43.D	Analyst:	Canonico

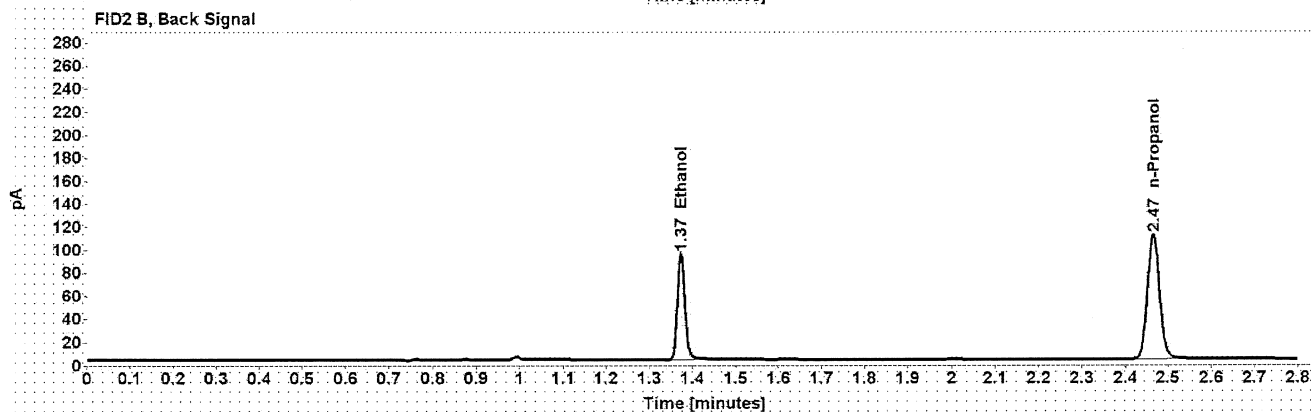
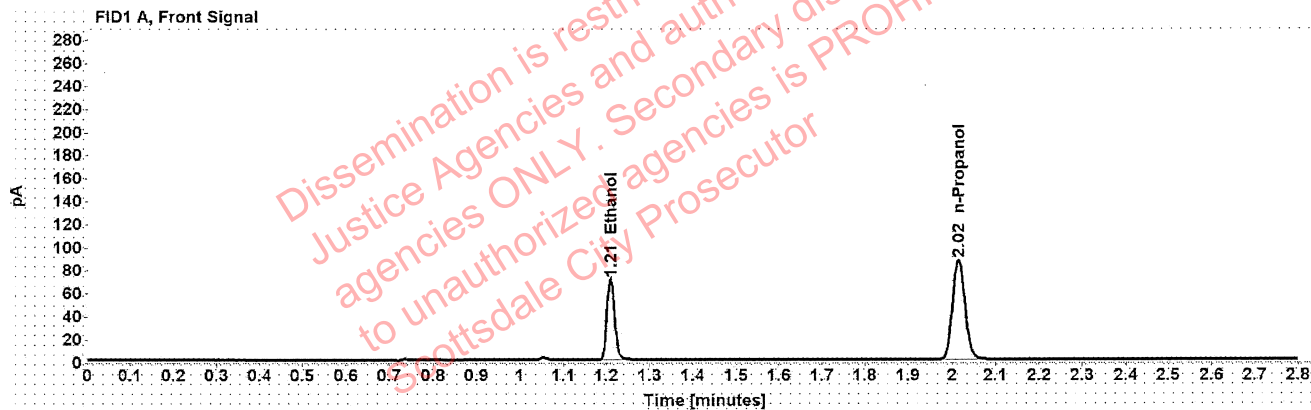


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1449	1.210	89.581
n-Propanol	-----	2.015	173.025

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

Compound	Time (min)	Peak Area
Ethanol	1.373	113.125
n-Propanol	2.465	217.805

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	TUBE02	Vial:	44
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 2:04:47 PM
Data file:	C:\Chem32\1\Data\09Sep21\44.D	Analyst:	Canonico

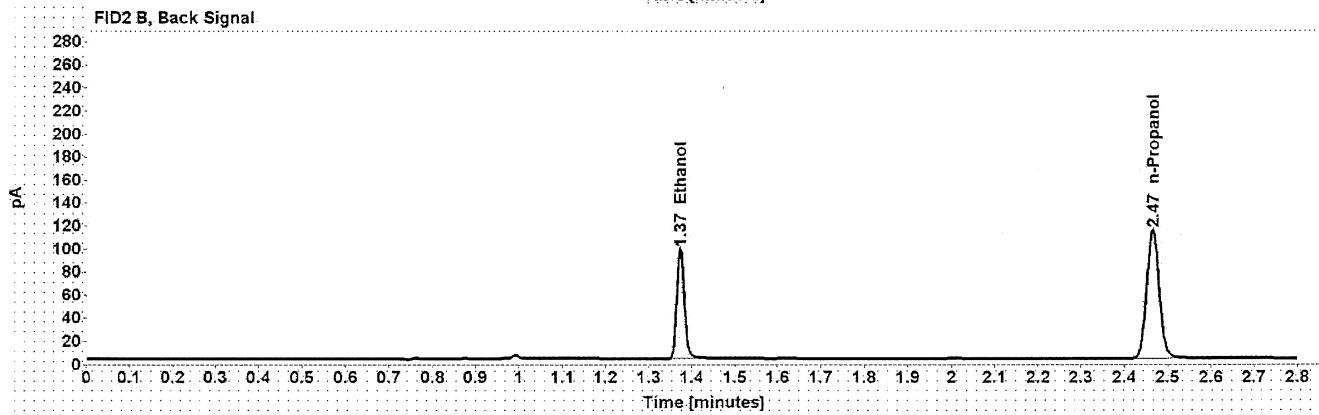
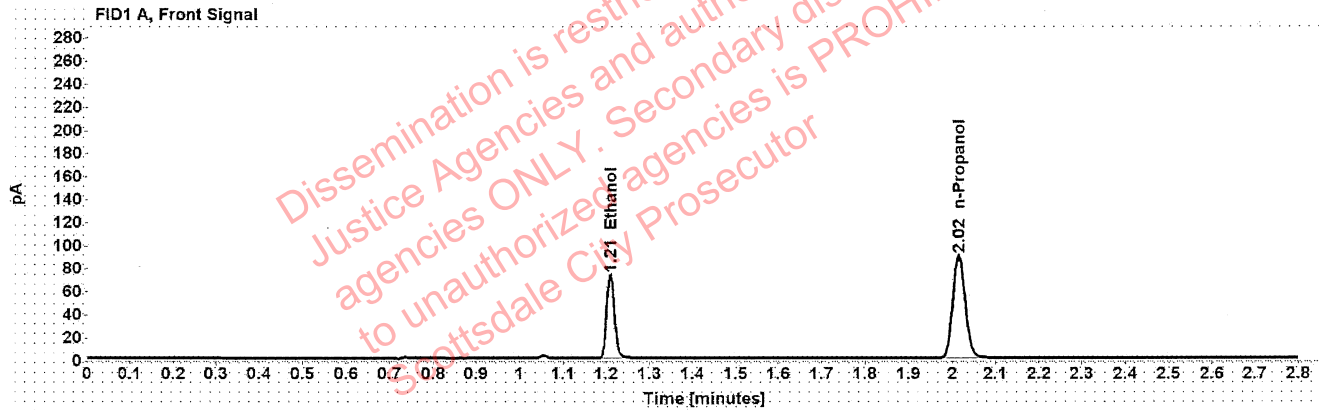


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1458	1.210	92.594
n-Propanol	-----	2.015	177.804

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

Compound	Time (min)	Peak Area
Ethanol	1.373	116.859
n-Propanol	2.465	224.109

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	TUBE01	Vial:	45
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 2:08:46 PM
Data file:	C:\Chem32\1\Data\09Sep21\45.D	Analyst:	Canonico

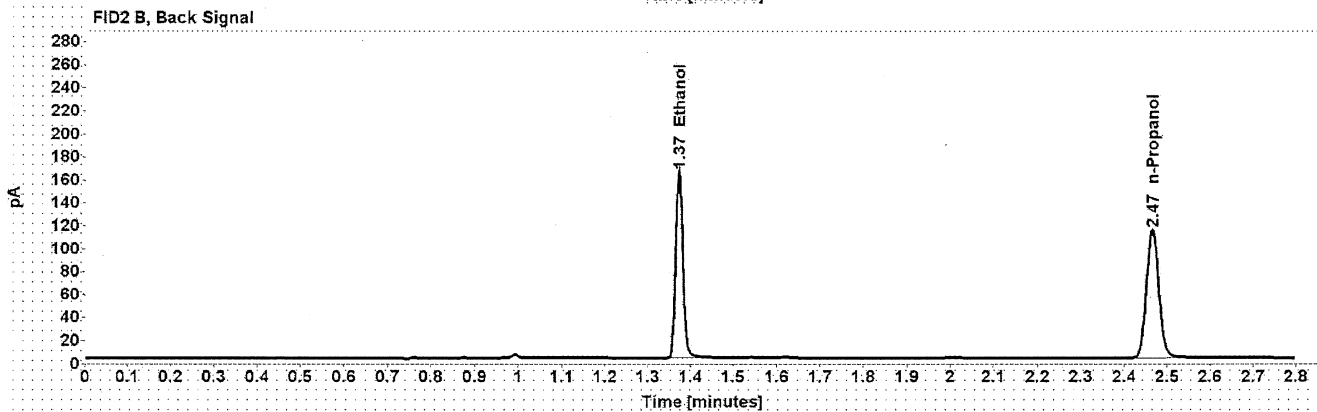
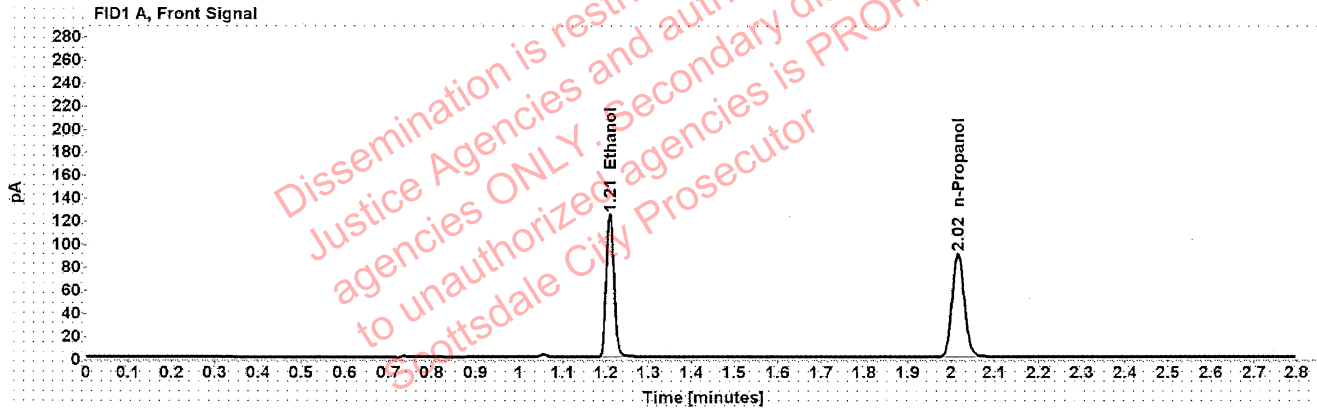


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2458	1.209	157.559
n-Propanol	-----	2.015	178.928

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

Compound	Time (min)	Peak Area
Ethanol	1.373	199.718
n-Propanol	2.465	225.288

[REDACTED]: Canonico, Erika - (10-Sep-2021)

Case: [REDACTED] User: ecanonico 9/10/2021

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	TUBE01	Vial:	46
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 2:12:46 PM
Data file:	C:\Chem32\1\Data\09Sep21\46.D	Analyst:	Canonico

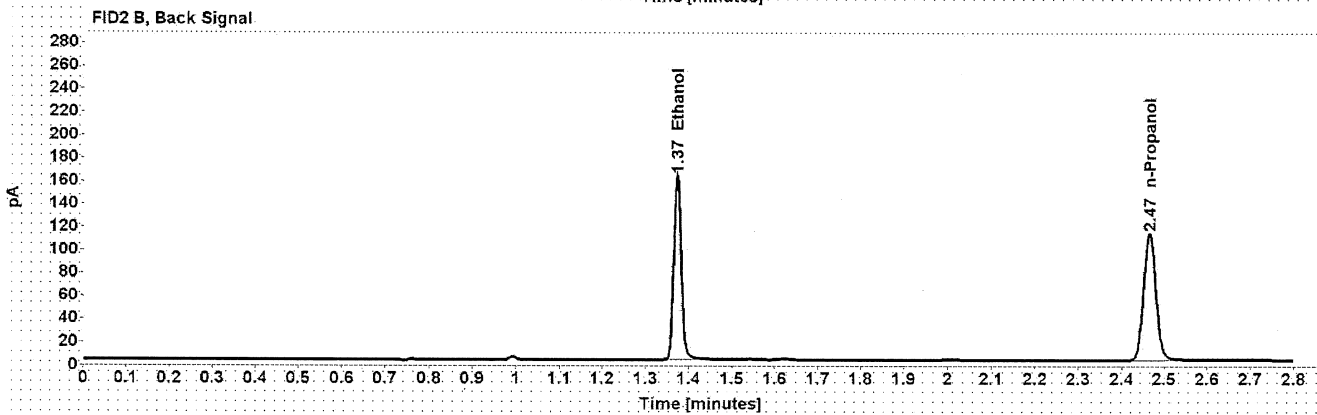
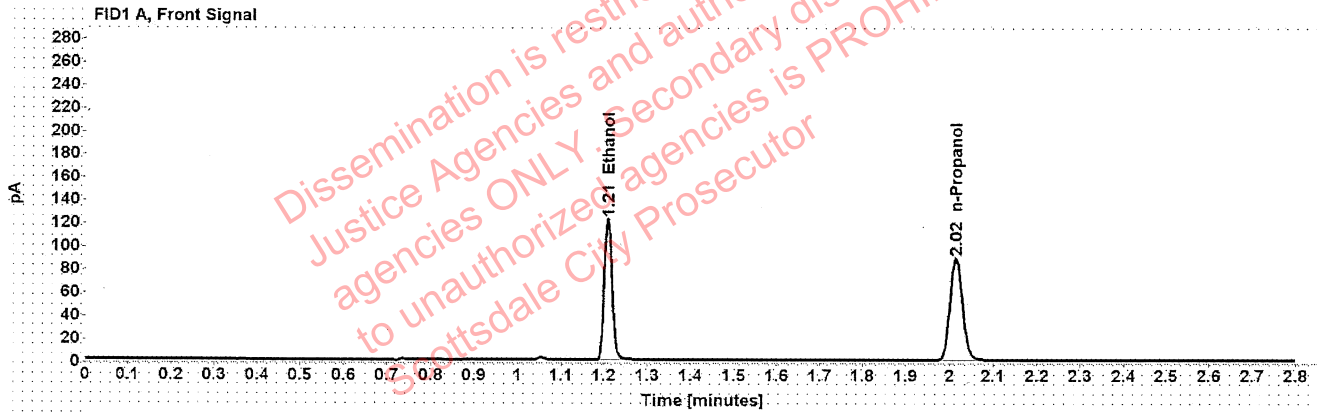


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2461	1.209	155.233
n-Propanol	-----	2.015	176.089

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

Compound	Time (min)	Peak Area
Ethanol	1.373	196.788
n-Propanol	2.465	221.815

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	TUBE03	Vial:	47
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 2:16:47 PM
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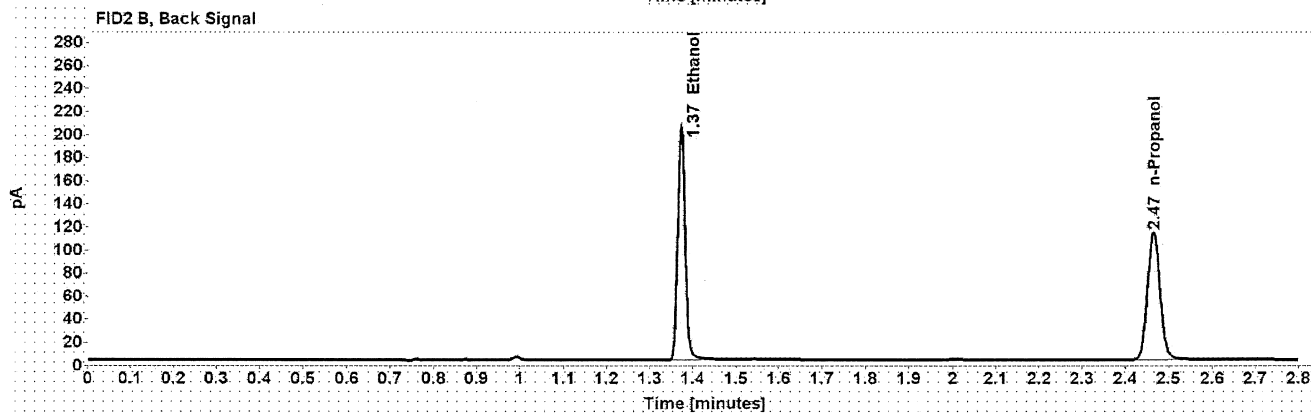
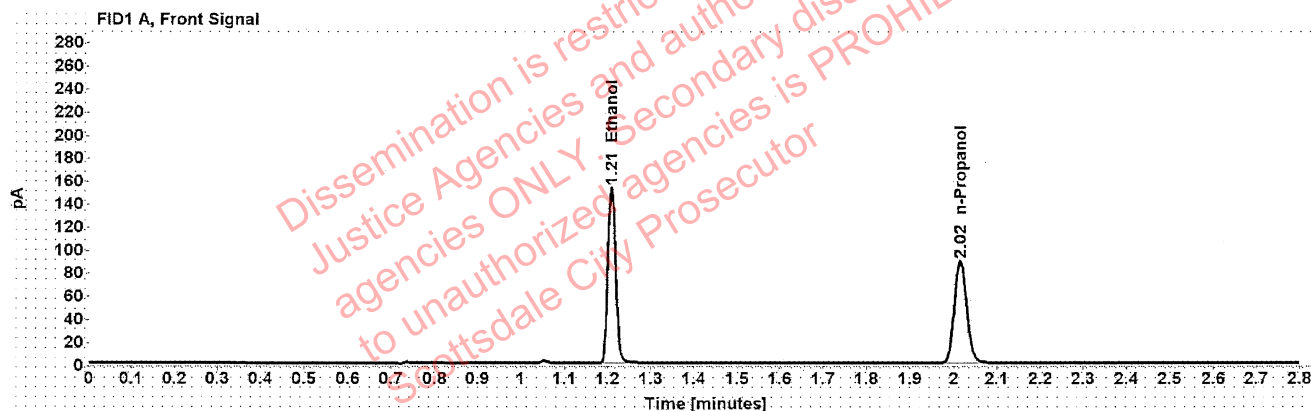


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3068	1.209	194.964
n-Propanol	-----	2.015	177.251

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

Compound	Time (min)	Peak Area
Ethanol	1.373	247.199
n-Propanol	2.465	223.215

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	TUBE03	Vial:	48
Description:	██████████	LIMS ID:	██████████
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 2:20:46 PM
Data file:	C:\Chem32\1\Data\09Sep21\48.D	Analyst:	Canonico

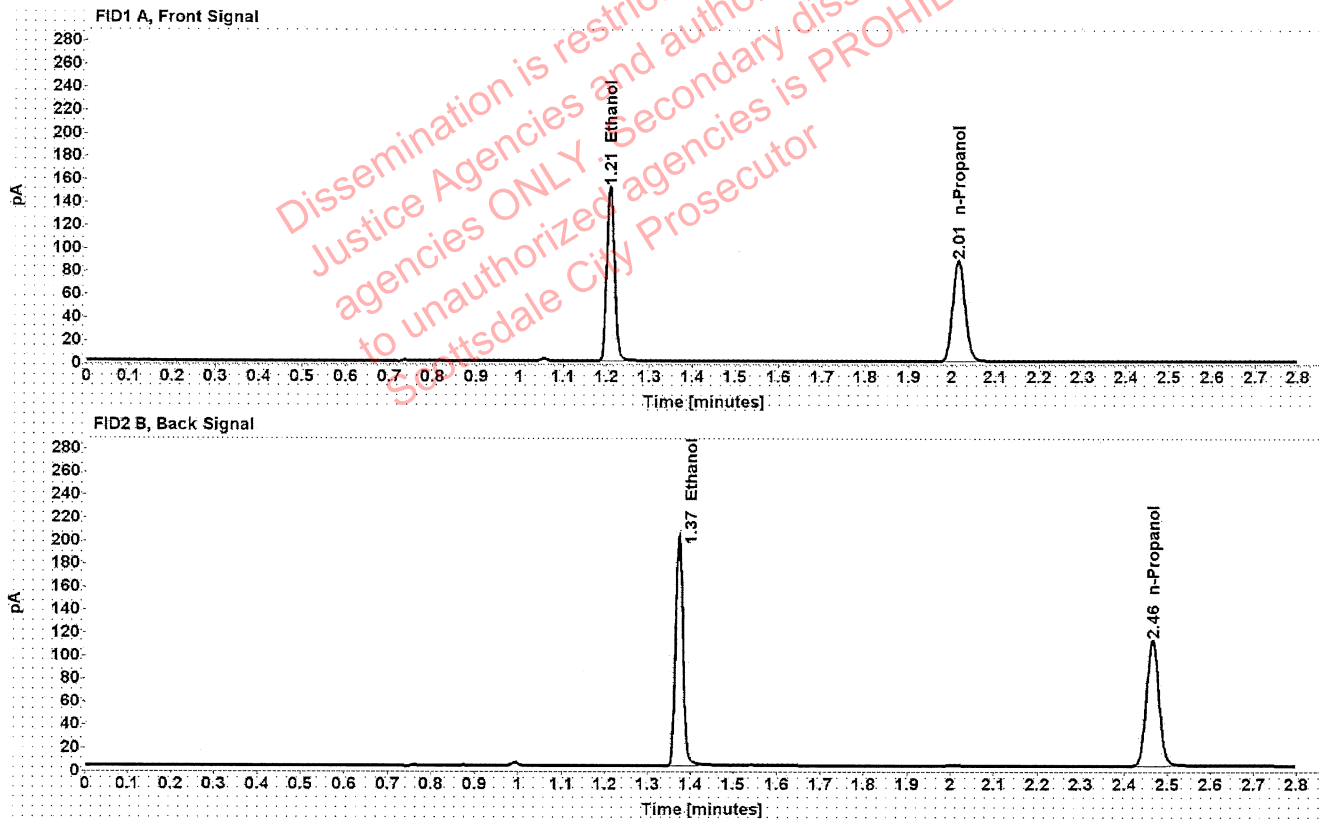


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3078	1.209	192.707
n-Propanol	-----	2.015	174.604

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

Compound	Time (min)	Peak Area
Ethanol	1.373	244.349
n-Propanol	2.465	219.882

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	TUBE04	Vial:	49
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 2:25:03 PM
Data file:	C:\Chem32\1\Data\09Sep21\49.D	Analyst:	Canonico

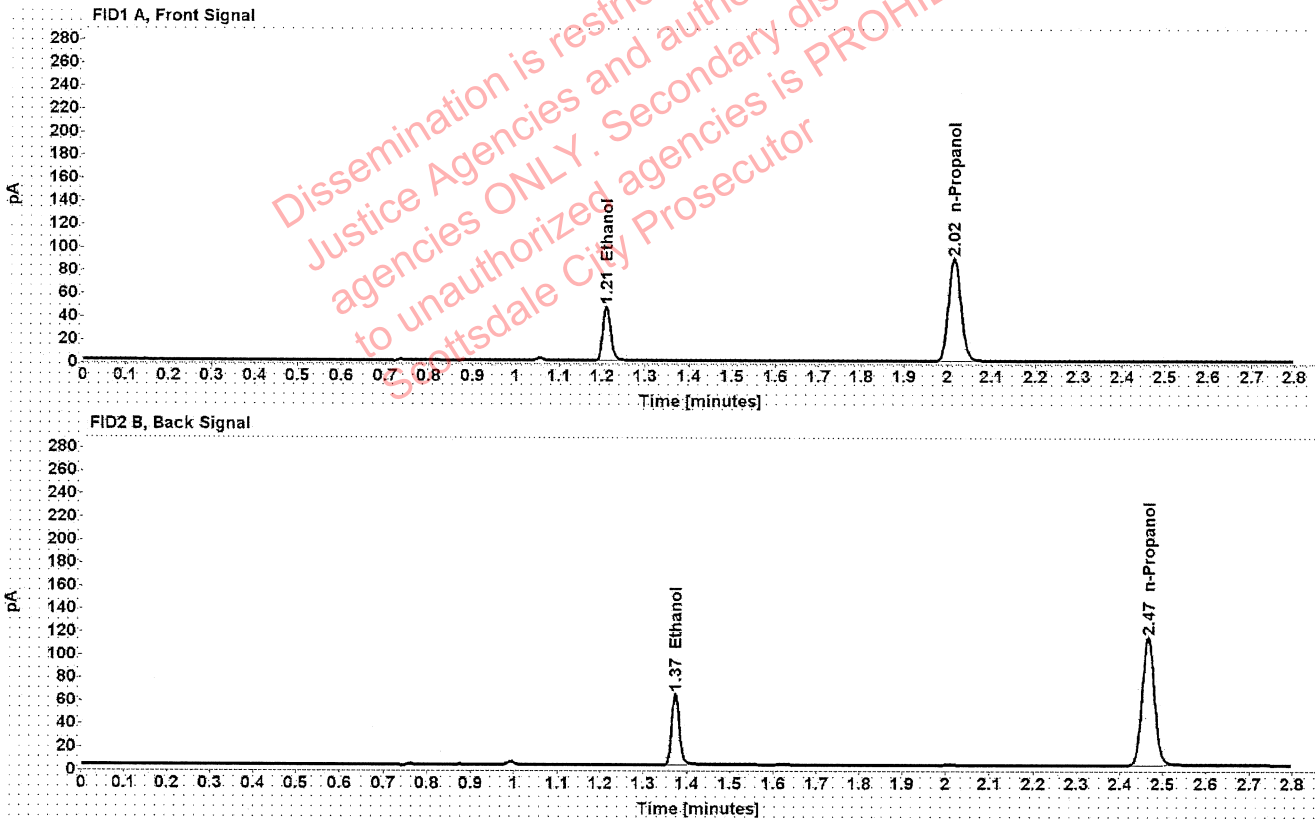


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0953	1.210	60.448
n-Propanol	-----	2.015	178.184

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

Compound	Time (min)	Peak Area
Ethanol	1.374	75.628
n-Propanol	2.465	224.507

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	TUBE04	Vial:	50
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	09Sep21
Instrument:	US14173023 CN14160045	Injection date:	9/9/2021 2:29:02 PM
Data file:	C:\Chem32\1\Data\09Sep21\50.D	Analyst:	Canonico

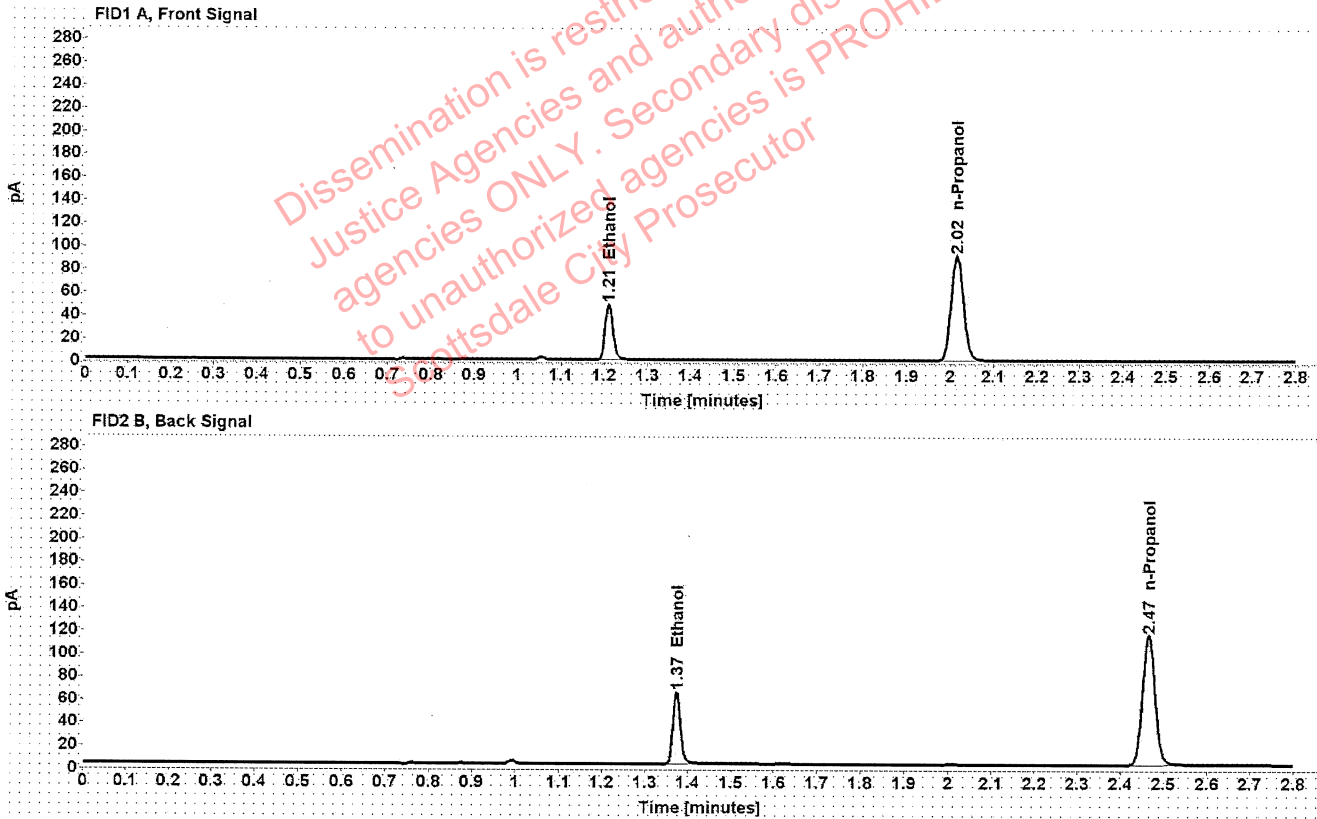


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0954	1.210	61.439
n-Propanol	-----	2.015	181.008

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

Compound	Time (min)	Peak Area
Ethanol	1.374	77.236
n-Propanol	2.465	228.197