

SCOTTSDALE POLICE DEPARTMENT CRIME LABORATORY BLOOD ALCOHOL FACE SHEET

ANALYSIS DATE 02/03/2021 SEQUENCE NAME 03Feb21

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 0.99994
 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 112420AQ
6	Volatiles mixture	6 compounds	6 compounds	SPD lab 070819MIX
7	Aqueous control	0.400 g/dL	0.404 g/dL	Lipomed 11092018-A
8	Aqueous control	0.040 g/dL	0.040 g/dL	Lipomed 14082019-B
9	Blood control	0.198 g/dL	0.207 g/dL	ACQ 407041529/13
20	Aqueous control	0.080 g/dL	0.079 g/dL	Lipomed 03102016-A/1
31	Aqueous control	0.080 g/dL	0.080 g/dL	Lipomed 03102016-A/1
42	Aqueous control	0.400 g/dL	0.406 g/dL	Lipomed 11092018-A
43	Aqueous control	0.040 g/dL	0.041 g/dL	Lipomed 14082019-B
44	Blood control	0.198 g/dL	0.201 g/dL	ACQ 407041529/13
45	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.

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

Scottsdale Police Department Crime Laboratory Sequence Quality Assurance Summary

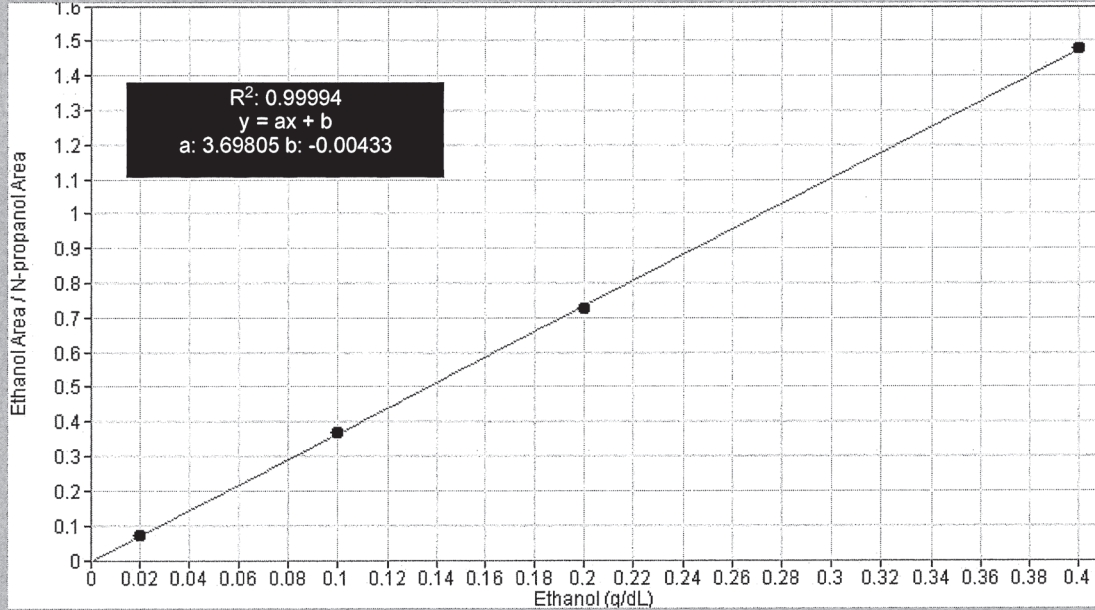
SEQUENCE NAME: 03Feb21

ANALYST: Abbott *AB*

Sample Name	Vial	Measured Value (g/dL)	Expected Value (g/dL)	Percent Difference	Absolute Difference (g/dL)
blank 112420AQ	5	negative	negative	-	-
0.400 11092018-A	7	0.404	0.400	1.00	0.004
0.040 14082019-B	8	0.040	0.040	0.00	0.000
0.198 407041529/13	9	0.207	0.198	4.55	0.009
0.080 03102016-A/1	20	0.079	0.080	1.25	-0.001
0.080 03102016-A/1	31	0.080	0.080	0.00	0.000
0.400 11092018-A	42	0.406	0.400	1.50	0.006
0.040 14082019-B	43	0.041	0.040	2.50	0.001
0.198 407041529/13	44	0.201	0.198	1.52	0.003
blank 111020VWB	45	negative	negative	-	-

Calibrator	Ethanol Area	N-propanol Area	Ratio
0.020	11.718	165.857	0.071
0.100	61.428	166.493	0.369
0.200	117.792	161.773	0.728
0.400	241.691	163.576	1.478

Calibration Line



Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN06141806	Vial: 1
Description: 0.020 calibrator	Sequence: 03Feb21
Method: ethanol quant.M	Injection date: 2/3/2021 12:06:05 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>JA</i>
Data file: C:\Chem32\1\Data\03Feb21\1.D	

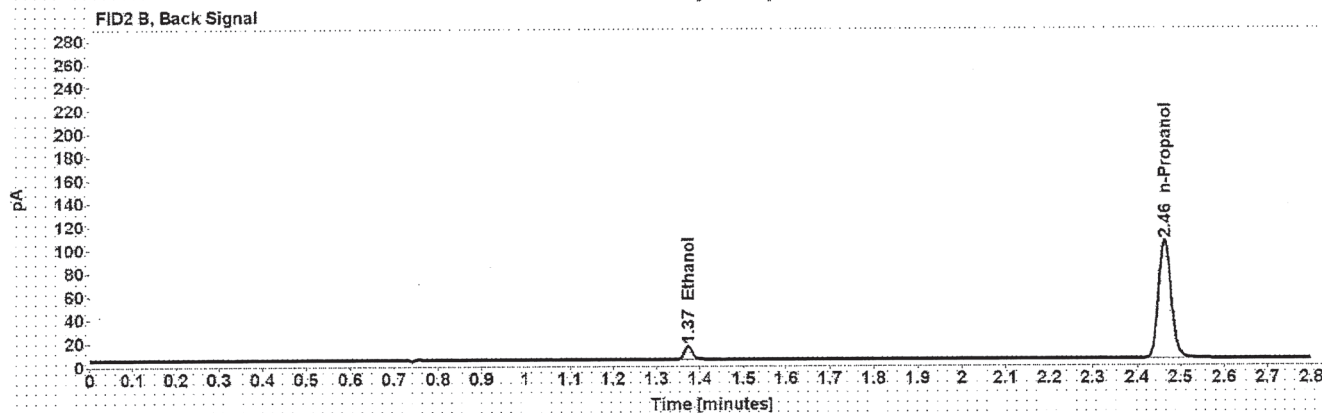
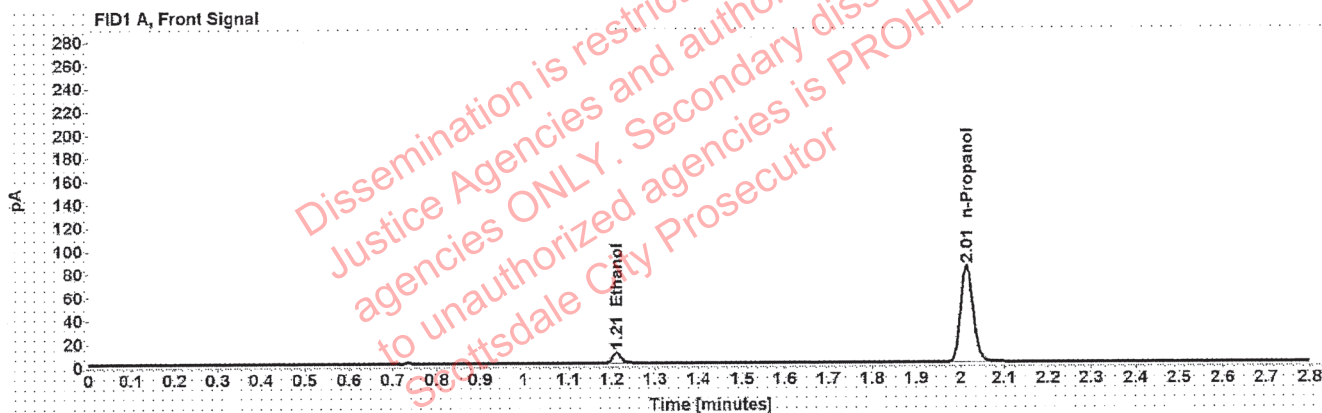


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.211	11.718
n-Propanol	2.014	165.857

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

Compound	Time (min)	Peak Area
Ethanol	1.373	14.480
n-Propanol	2.464	205.152

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05311902	Vial: 2
Description: 0.100 calibrator	Sequence: 03Feb21
Method: ethanol quant.M	Injection date: 2/3/2021 12:10:06 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>AB</i>
Data file: C:\Chem32\1\Data\03Feb21\2.D	

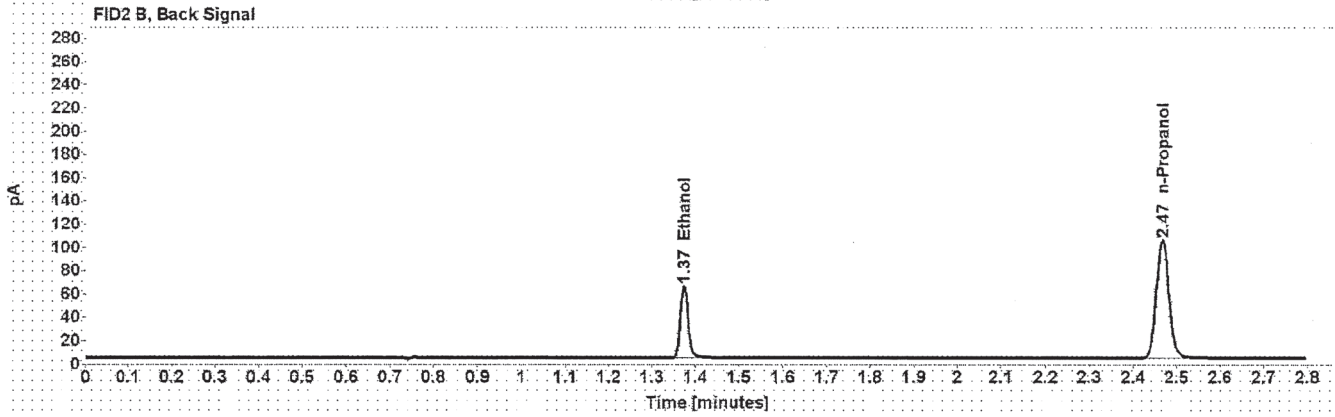
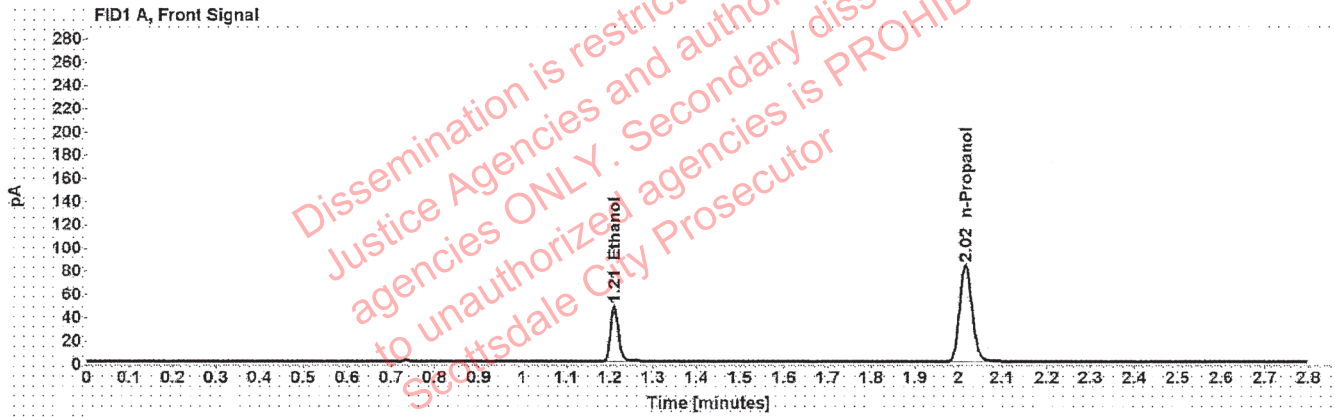


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.210	61.428
n-Propanol	2.016	166.493

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

Compound	Time (min)	Peak Area
Ethanol	1.374	76.559
n-Propanol	2.467	206.043

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN05101903	Vial: 3
Description: 0.200 calibrator	Sequence: 03Feb21
Method: ethanol quant.M	Injection date: 2/3/2021 12:14:06 PM
Instrument: US14173023 CN14160045	Analyst: Abbott <i>dr</i>
Data file: C:\Chem32\1\Data\03Feb21\3.D	

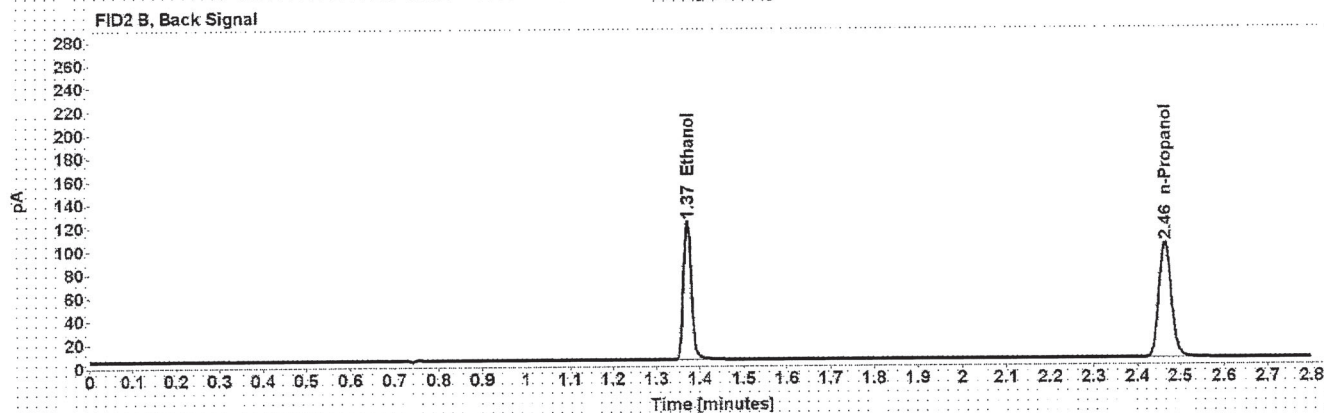
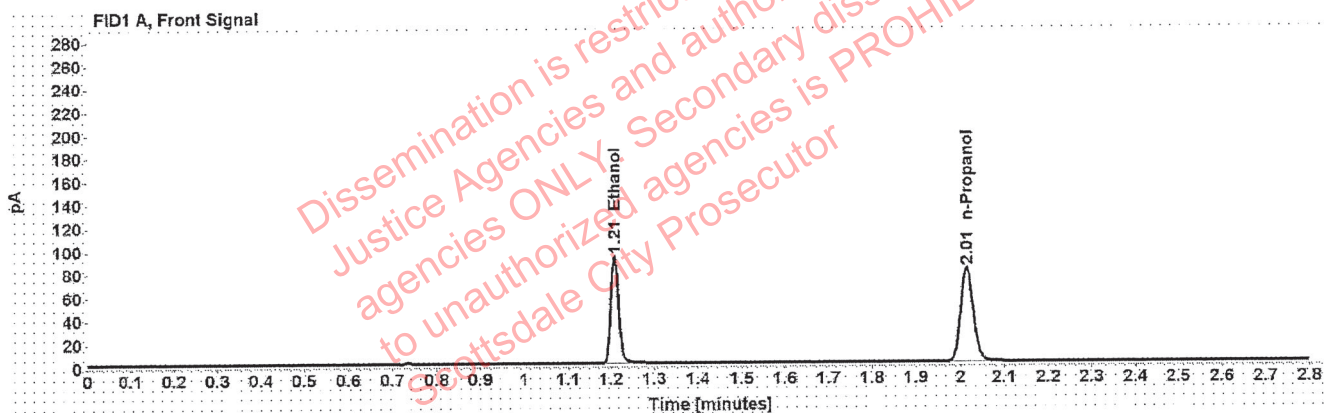


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	117.792
n-Propanol	2.014	161.773

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

Compound	Time (min)	Peak Area
Ethanol	1.371	147.038
n-Propanol	2.465	200.206

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: FN10051906	Vial: 4
Description: 0.400 calibrator	Sequence: 03Feb21
Method: ethanol quant.M	Injection date: 2/3/2021 12:18:05 PM
Instrument: US14173023 CN14160045	Analyst: Abbott ph
Data file: C:\Chem32\1\Data\03Feb21\4.D	

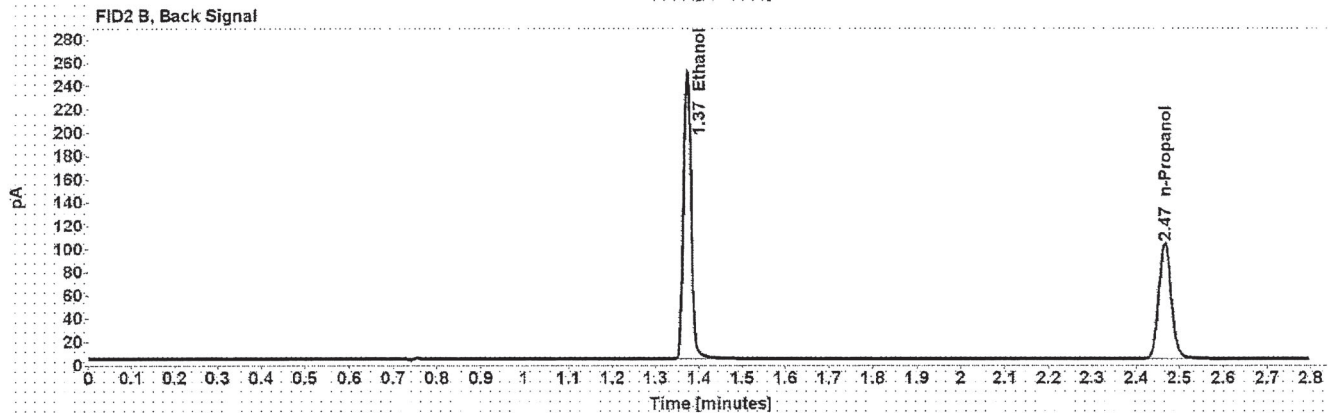
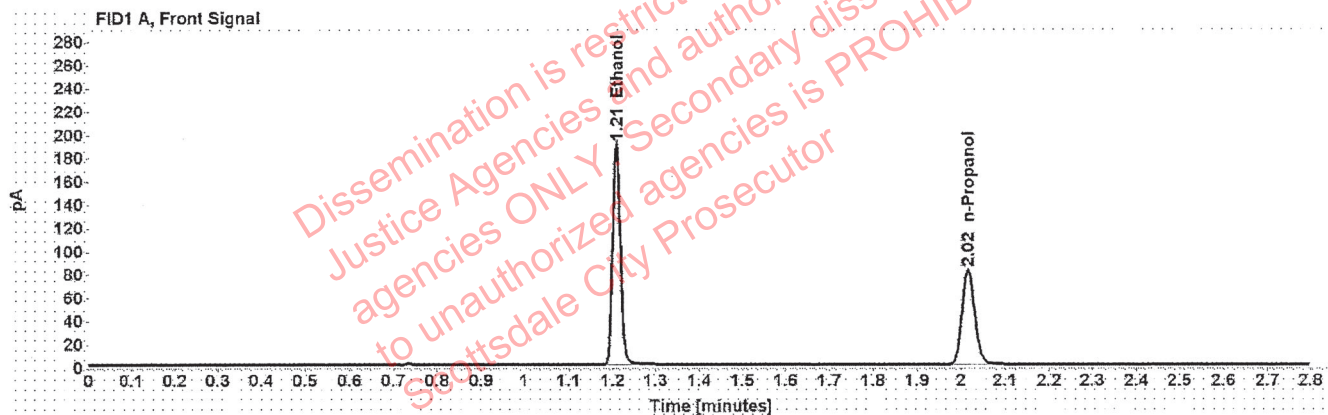


Table 1: FID 1 A (column DB-ALC1)

Compound	Time (min)	Peak Area
Ethanol	1.208	241.691
n-Propanol	2.015	163.576

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

Compound	Time (min)	Peak Area
Ethanol	1.372	303.008
n-Propanol	2.466	202.578

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 112420AQ	Vial: 5
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 03Feb21
Instrument: US14173023 CN14160045	Injection date: 2/3/2021 12:22:06 PM
Data file: C:\Chem32\1\Data\03Feb21\5.D	Analyst: Abbott ah

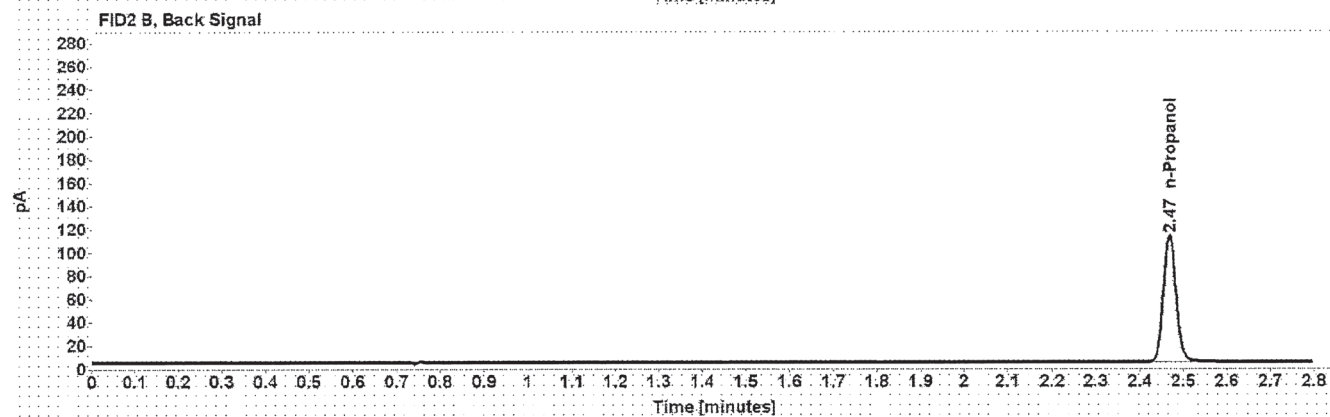
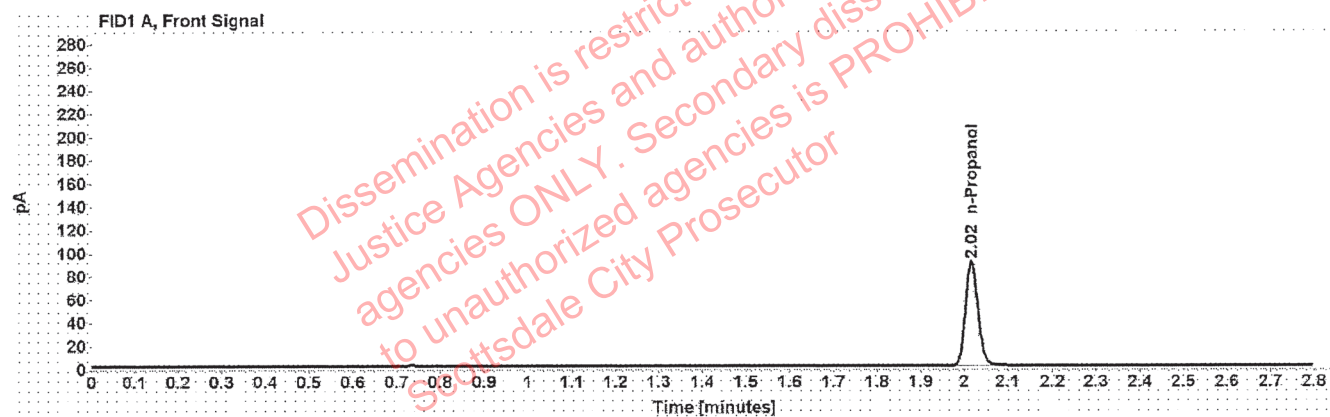


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.017	179.015

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	221.082

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 070819MIX	Vial: 6
Description: Volatiles mix	LIMS ID:
Method: ethanol quant.M	Sequence: 03Feb21
Instrument: US14173023 CN14160045	Injection date: 2/3/2021 12:26:05 PM
Data file: C:\Chem32\1\Data\03Feb21\6.D	Analyst: Abbott JH

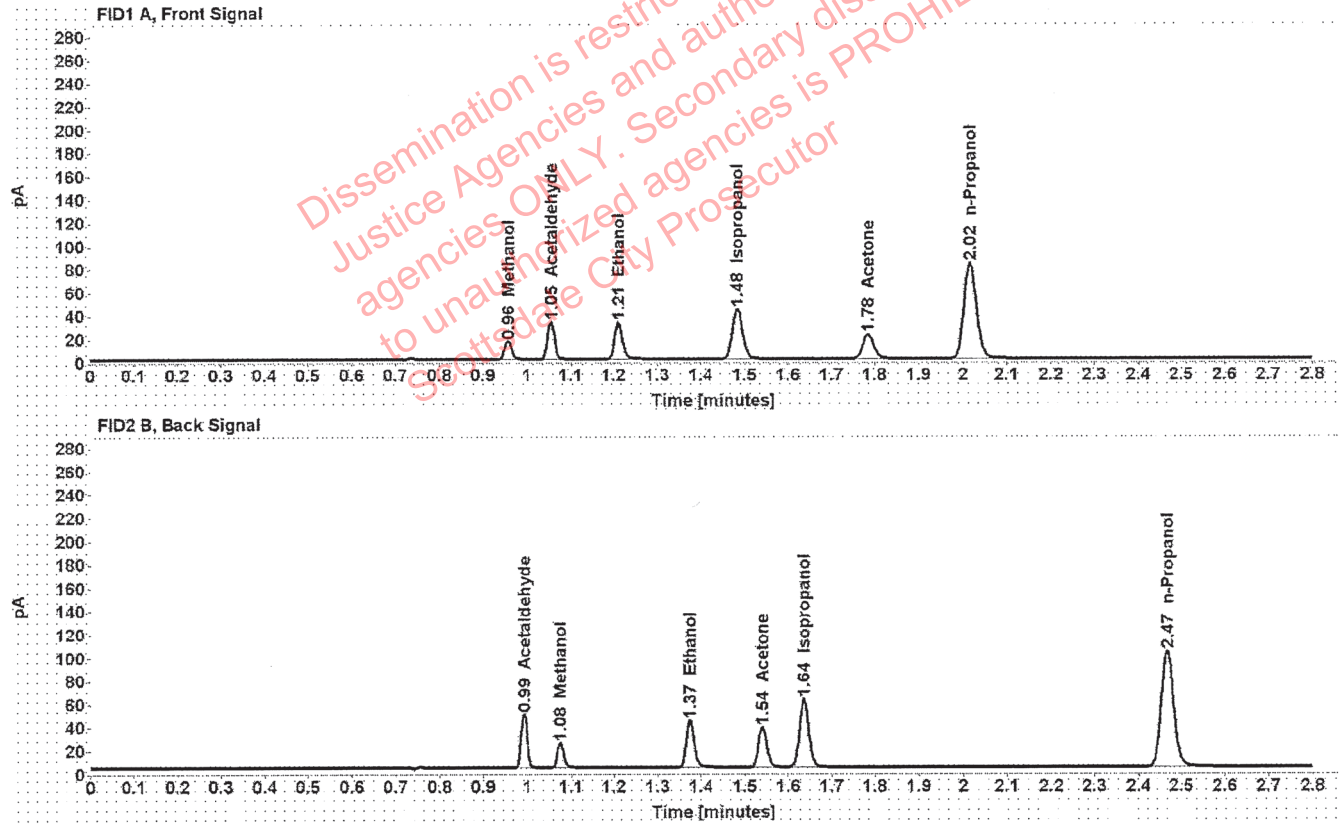


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
Methanol	-----	0.957	17.789
Acetaldehyde	-----	1.055	35.267
>Ethanol	0.0680	1.211	40.651
Isopropanol	-----	1.484	69.417
Acetone	-----	1.784	36.687
n-Propanol	-----	2.016	164.459

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

Compound	Time (min)	Peak Area
Acetaldehyde	0.992	45.916
Methanol	1.076	22.906
Ethanol	1.374	50.498
Acetone	1.540	45.533
Isopropanol	1.636	89.096
n-Propanol	2.467	203.262

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 7
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 03Feb21
Instrument: US14173023 CN14160045	Injection date: 2/3/2021 12:30:21 PM
Data file: C:\Chem32\1\Data\03Feb21\7.D	Analyst: Abbott AB

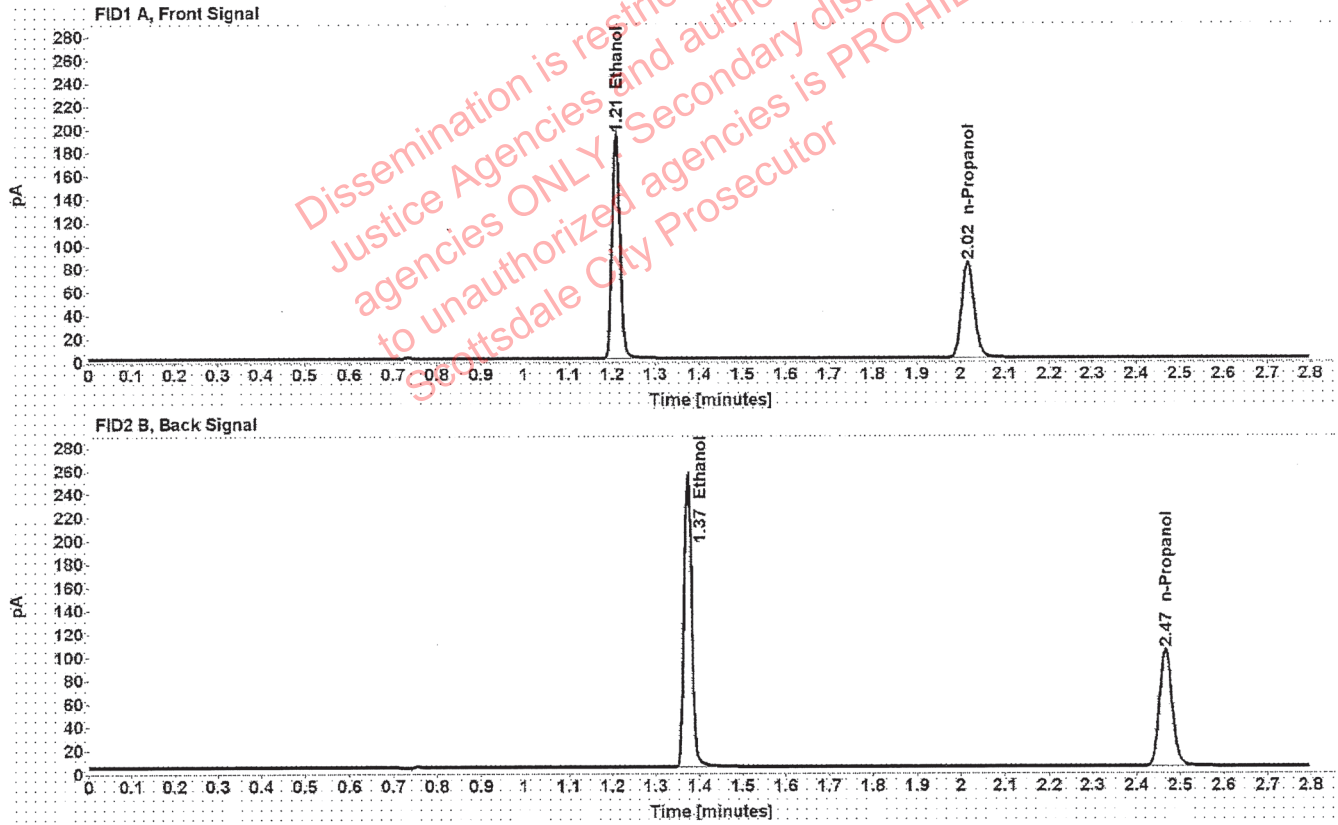


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4041	1.209	245.308
n-Propanol	-----	2.016	164.641

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

Compound	Time (min)	Peak Area
Ethanol	1.373	307.472
n-Propanol	2.467	203.415

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 8
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 03Feb21
Instrument: US14173023 CN14160045	Injection date: 2/3/2021 12:34:21 PM
Data file: C:\Chem32\1\Data\03Feb21\8.D	Analyst: Abbott AB

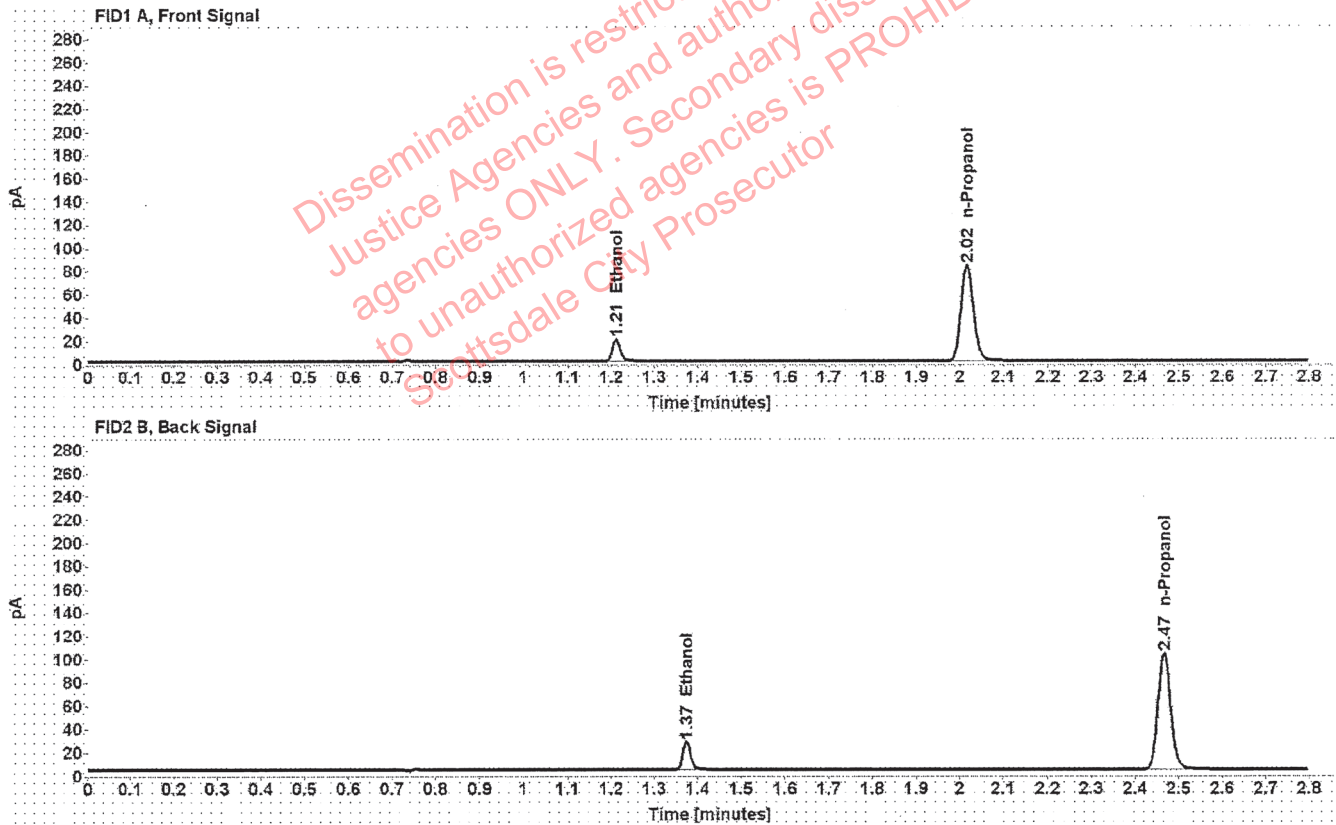


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0409	1.211	24.210
n-Propanol	-----	2.016	164.697

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

Compound	Time (min)	Peak Area
Ethanol	1.374	30.026
n-Propanol	2.466	202.857

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 9
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 03Feb21
Instrument: US14173023 CN14160045	Injection date: 2/3/2021 12:38:20 PM
Data file: C:\Chem32\1\Data\03Feb21\9.D	Analyst: Abbott gh

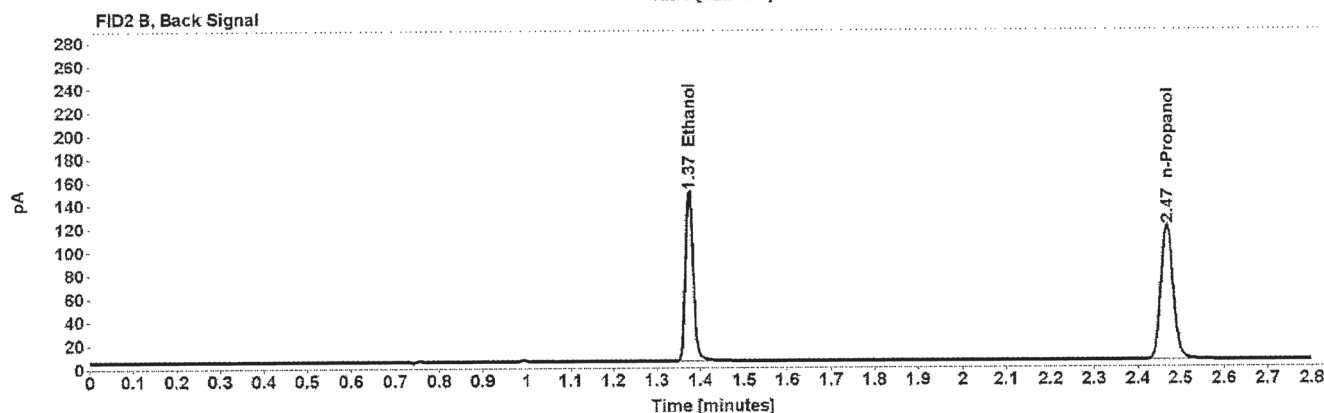
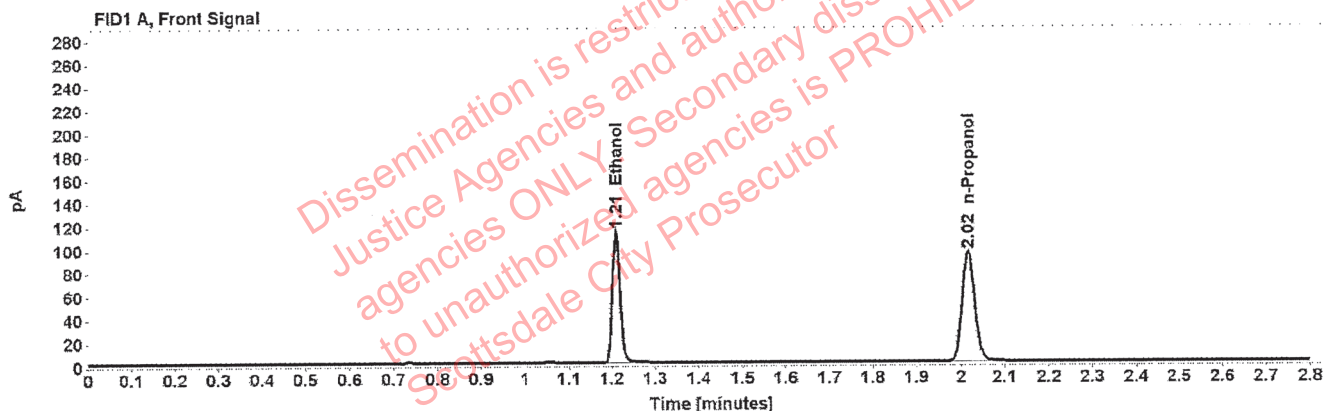


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2075	1.210	144.100
n-Propanol	-----	2.017	188.836

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

Compound	Time (min)	Peak Area
Ethanol	1.374	179.632
n-Propanol	2.468	233.449

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 20
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 03Feb21
Instrument: US14173023 CN14160045	Injection date: 2/3/2021 1:22:50 PM
Data file: C:\Chem32\1\Data\03Feb21\20.D	Analyst: Abbott dh

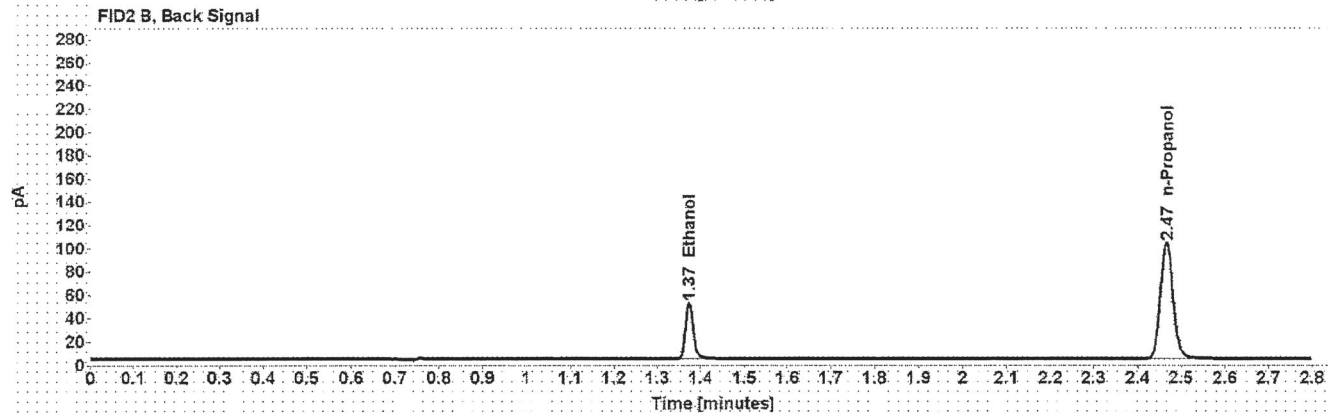
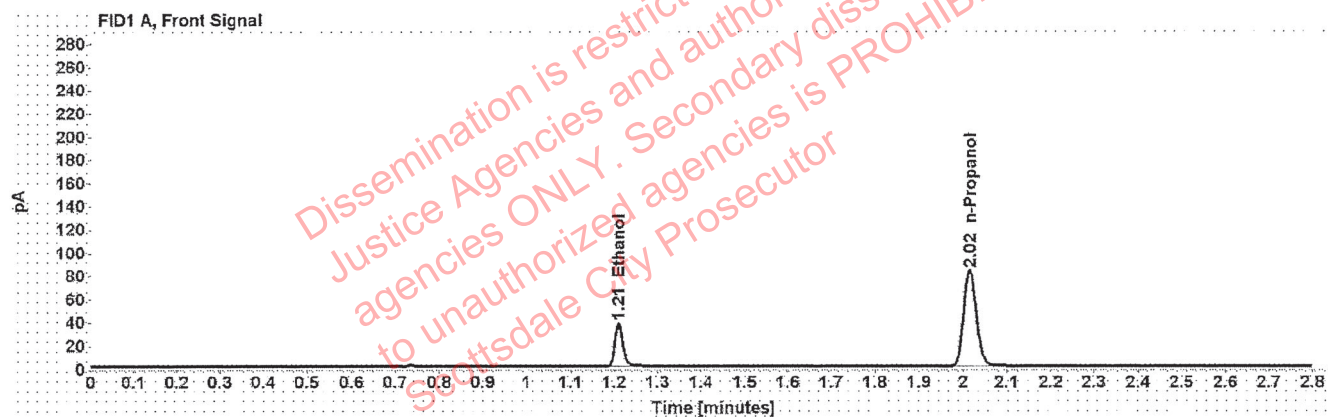


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0798	1.210	47.994
n-Propanol	-----	2.016	165.038

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

Compound	Time (min)	Peak Area
Ethanol	1.373	59.546
n-Propanol	2.466	202.922

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 03102016-A/1	Vial: 31
Description: 0.080	LIMS ID:
Method: ethanol quant.M	Sequence: 03Feb21
Instrument: US14173023 CN14160045	Injection date: 2/3/2021 2:07:21 PM
Data file: C:\Chem32\1\Data\03Feb21\31.D	Analyst: Abbott <i>AB</i>

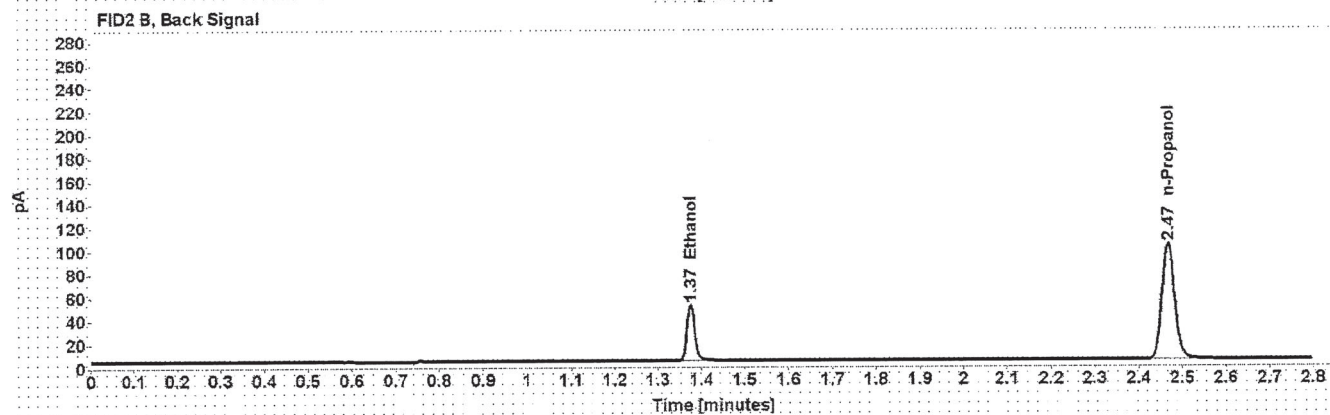
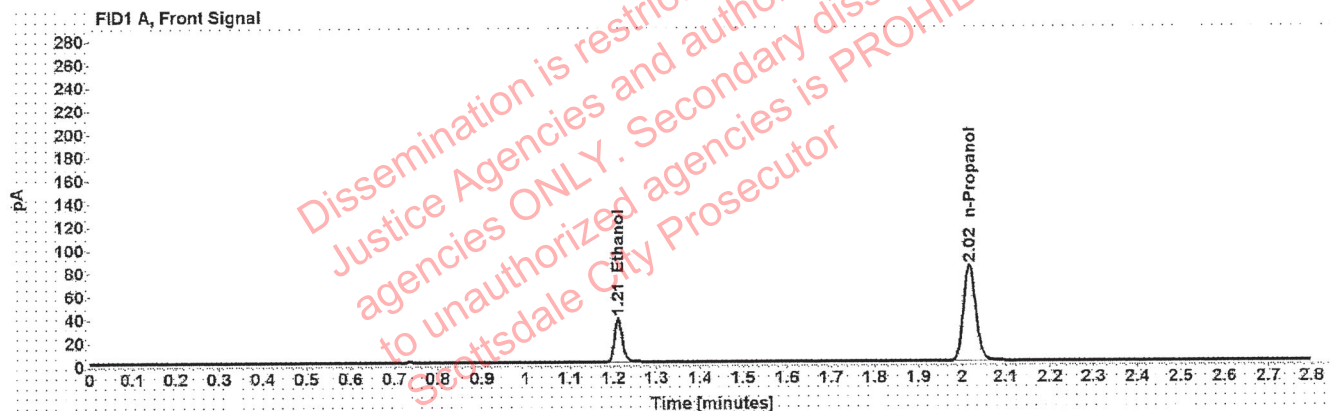


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0805	1.211	48.376
n-Propanol	-----	2.016	164.998

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

Compound	Time (min)	Peak Area
Ethanol	1.375	59.982
n-Propanol	2.467	202.931

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 11092018-A	Vial: 42
Description: 0.400	LIMS ID:
Method: ethanol quant.M	Sequence: 03Feb21
Instrument: US14173023 CN14160045	Injection date: 2/3/2021 2:51:36 PM
Data file: C:\Chem32\1\Data\03Feb21\42.D	Analyst: Abbott PA

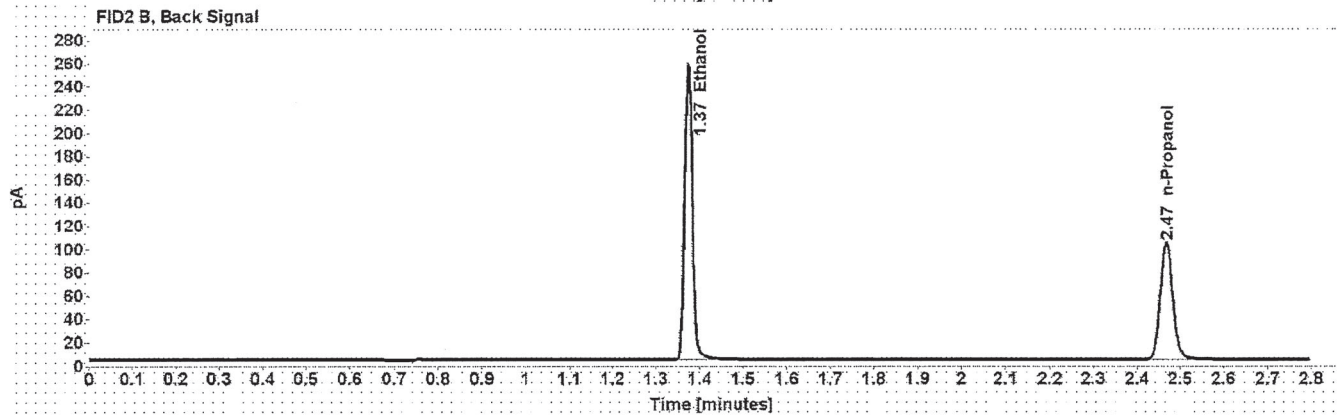
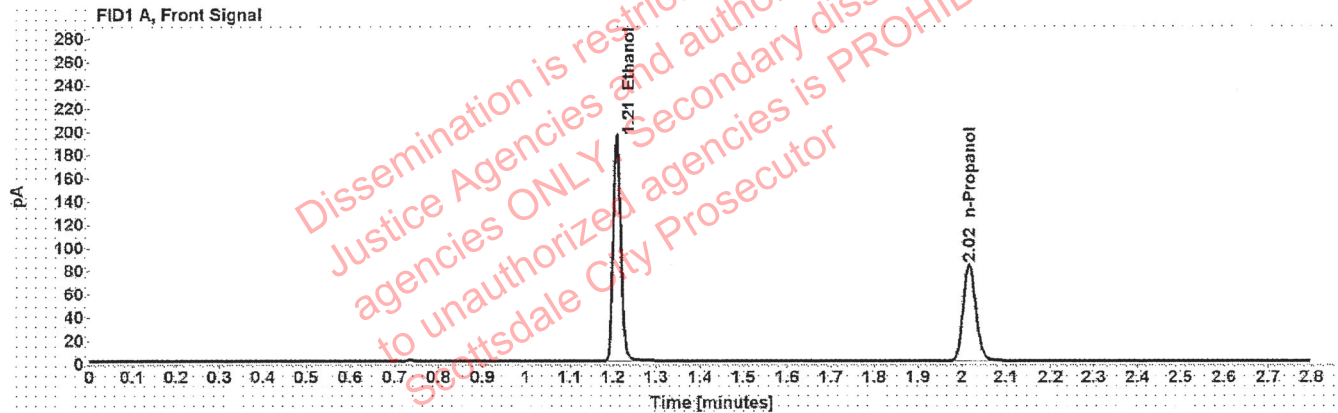


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.4068	1.209	249.408
n-Propanol	-----	2.016	166.278

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

Compound	Time (min)	Peak Area
Ethanol	1.374	311.594
n-Propanol	2.468	204.859

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 14082019-B	Vial: 43
Description: 0.040	LIMS ID:
Method: ethanol quant.M	Sequence: 03Feb21
Instrument: US14173023 CN14160045	Injection date: 2/3/2021 2:55:51 PM
Data file: C:\Chem32\1\Data\03Feb21\43.D	Analyst: Abbott <i>RA</i>

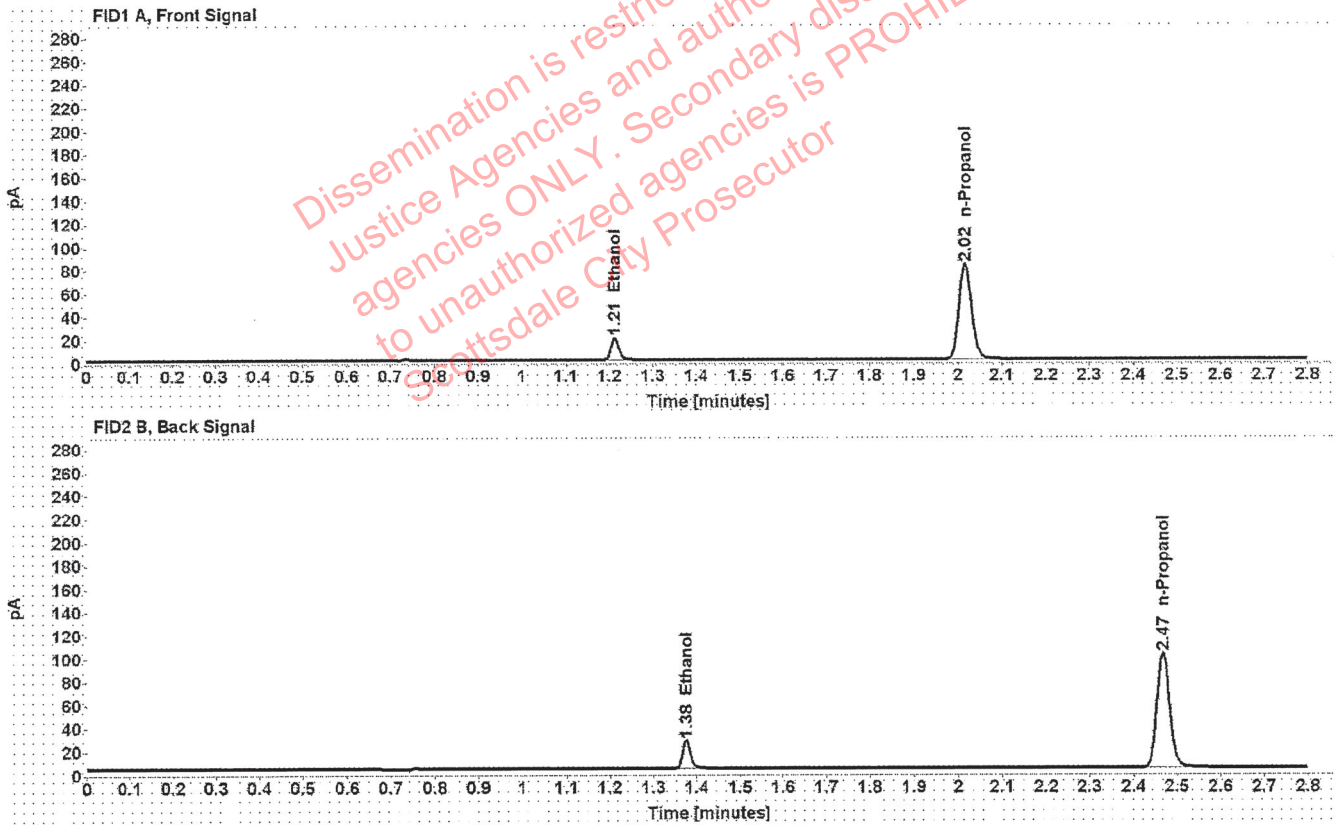


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0414	1.212	24.421
n-Propanol	-----	2.016	164.075

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

Compound	Time (min)	Peak Area
Ethanol	1.376	30.089
n-Propanol	2.468	201.245

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 407041529/13	Vial: 44
Description: 0.198	LIMS ID:
Method: ethanol quant.M	Sequence: 03Feb21
Instrument: US14173023 CN14160045	Injection date: 2/3/2021 2:59:49 PM
Data file: C:\Chem32\1\Data\03Feb21\44.D	Analyst: Abbott <i>ph</i>

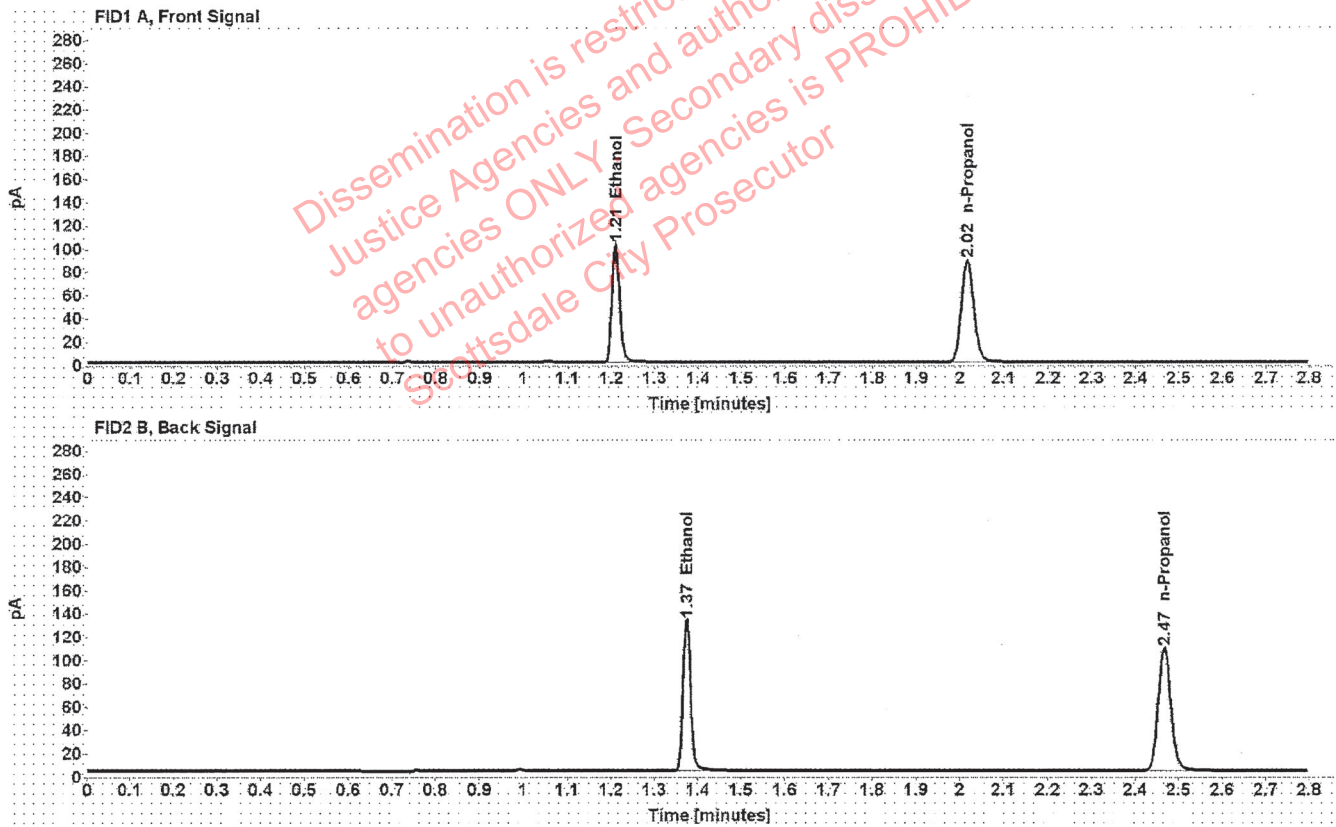


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2015	1.210	129.654
n-Propanol	-----	2.016	175.039

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

Compound	Time (min)	Peak Area
Ethanol	1.374	161.651
n-Propanol	2.468	215.253

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample: 111020WB	Vial: 45
Description: Negative	LIMS ID:
Method: ethanol quant.M	Sequence: 03Feb21
Instrument: US14173023 CN14160045	Injection date: 2/3/2021 3:03:50 PM
Data file: C:\Chem32\1\Data\03Feb21\45.D	Analyst: Abbott PA

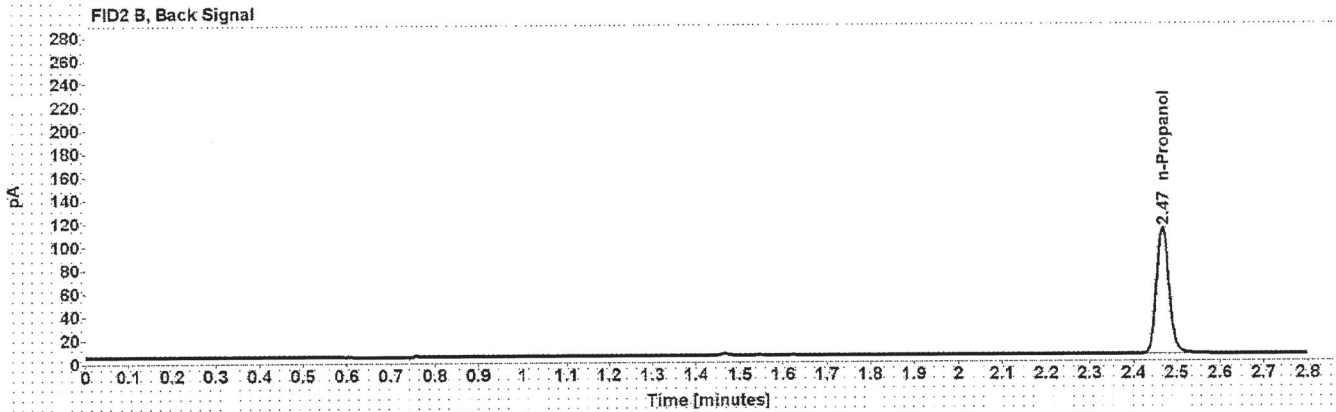


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
n-Propanol	-----	2.016	179.373

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

Compound	Time (min)	Peak Area
n-Propanol	2.468	220.460

Sequence Summary

Sequence name: 03Feb21 Instrument: US14173023 CN14160045 Analyst: Abbott *[Signature]*

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	112420AQ	Negative	Control		ethanol quant.M
6	070819MIX	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	407041529/13	0.198	Control		ethanol quant.M
10	1357626		Sample		ethanol quant.M
11	1357626		Sample		ethanol quant.M
12	38501DB		Sample		ethanol quant.M
13	38501DB		Sample		ethanol quant.M
14	33801ML		Sample		ethanol quant.M
15	33801ML		Sample		ethanol quant.M
16	33801PH		Sample		ethanol quant.M
17	33801PH		Sample		ethanol quant.M
18	32701BS		Sample		ethanol quant.M
19	32701BS		Sample		ethanol quant.M
20	03102016-A/1	0.080	Control		ethanol quant.M
21	28501TA		Sample		ethanol quant.M
22	28501TA		Sample		ethanol quant.M
23	1357949		Sample		ethanol quant.M
24	1357949		Sample		ethanol quant.M
25	1358086		Sample		ethanol quant.M
26	1358086		Sample		ethanol quant.M
27	1356560		Sample		ethanol quant.M
28	1356560		Sample		ethanol quant.M
29	1356558		Sample		ethanol quant.M
30	1356558		Sample		ethanol quant.M
31	03102016-A/1	0.080	Control		ethanol quant.M
32	1356916		Sample		ethanol quant.M
33	1356916		Sample		ethanol quant.M
34	1355447		Sample		ethanol quant.M
35	1355447		Sample		ethanol quant.M
36	1357926		Sample		ethanol quant.M
37	1357926		Sample		ethanol quant.M
38	1357421		Sample		ethanol quant.M
39	1357421		Sample		ethanol quant.M
40	1358232		Sample		ethanol quant.M
41	1358232		Sample		ethanol quant.M
42	11092018-A	0.400	Control		ethanol quant.M
43	14082019-B	0.040	Control		ethanol quant.M
44	407041529/13	0.198	Control		ethanol quant.M
45	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

SEQUENCE NAME: 03Feb21

ANALYST: Abbott 

Vials	Test 1 (g/dL)	Test 2 (g/dL)	Mean (g/dL)	Percent Difference*	Absolute Difference (g/dL)*
10 11	0.1171	0.1167	0.11690	0.17	0.00020
12 13	0.3113	0.3102	0.31075	0.18	0.00055
14 15	0.1495	0.1470	0.14825	0.84	0.00125
16 17	0.0840	0.0839	0.08395	0.06	0.00005
18 19	0.0644	0.0647	0.06455	0.23	0.00015
21 22	0.1336	0.1330	0.13330	0.23	0.00030
23 24	0.0743	0.0746	0.07445	0.20	0.00015
25 26	0.1229	0.1237	0.12330	0.32	0.00040
27 28	0.1217	0.1211	0.12140	0.25	0.00030
29 30	0.2404	0.2409	0.24065	0.10	0.00025
32 33	0.1732	0.1724	0.17280	0.23	0.00040
34 35	0.1654	0.1660	0.16570	0.18	0.00030
36 37	0.1200	0.1190	0.11950	0.42	0.00050
38 39	0.2719	0.2736	0.27275	0.31	0.00085
40 41	0.1422	0.1420	0.14210	0.07	0.00010

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

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1357626	Vial:	10
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 12:42:22 PM
Data file:	C:\Chem32\1\Data\03Feb21\10.D	Analyst:	Abbott

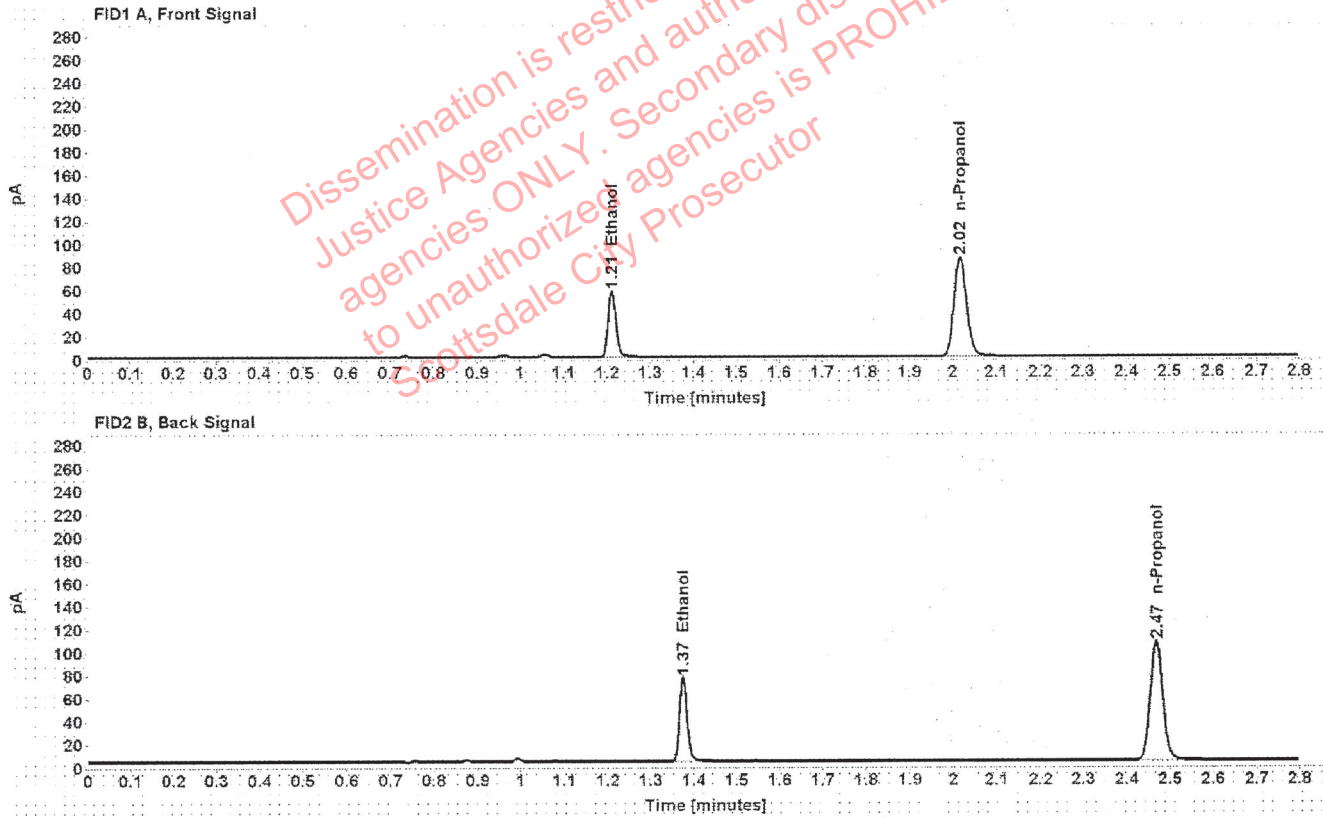


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1171	1.211	73.040
n-Propanol	-----	2.017	170.378

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

Compound	Time (min)	Peak Area
Ethanol	1.375	90.630
n-Propanol	2.468	210.169

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1357626	Vial:	11
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 12:46:20 PM
Data file:	C:\Chem32\1\Data\03Feb21\11.D	Analyst:	Abbott

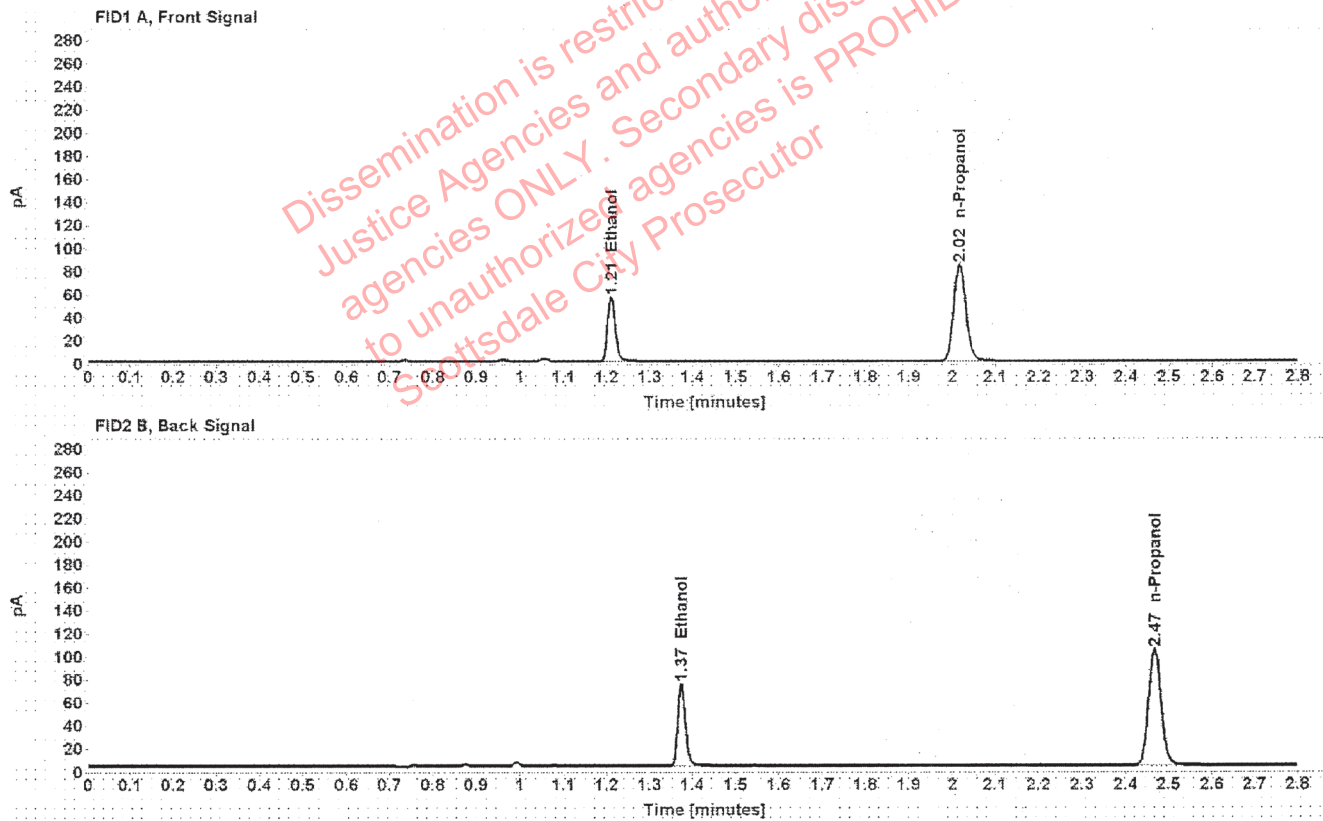


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1167	1.210	71.192
n-Propanol	-----	2.016	166.618

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

Compound	Time (min)	Peak Area
Ethanol	1.375	88.135
n-Propanol	2.467	205.440

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38501DB	Vial:	12
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 12:50:20 PM
Data file:	C:\Chem321\1\Data\03Feb21\12.D	Analyst:	Abbott

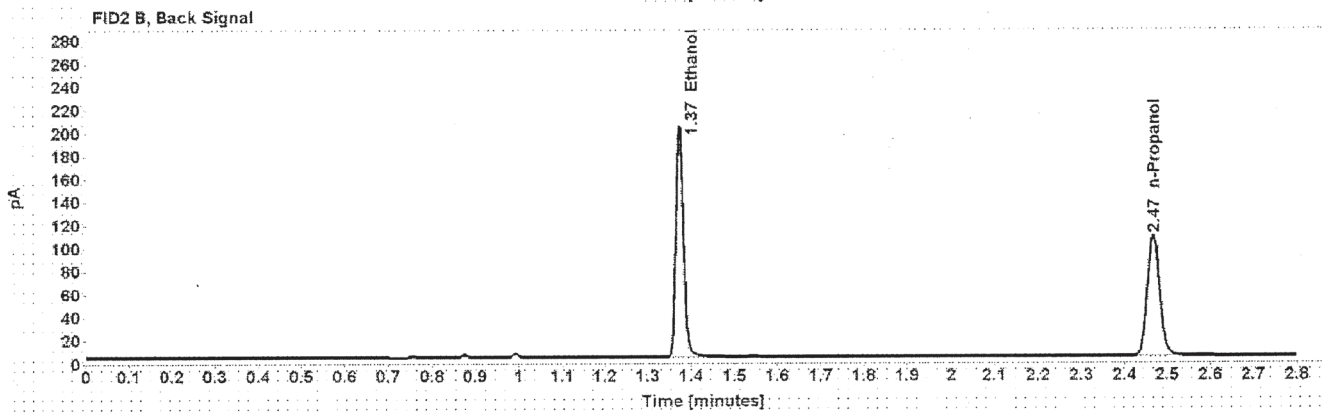
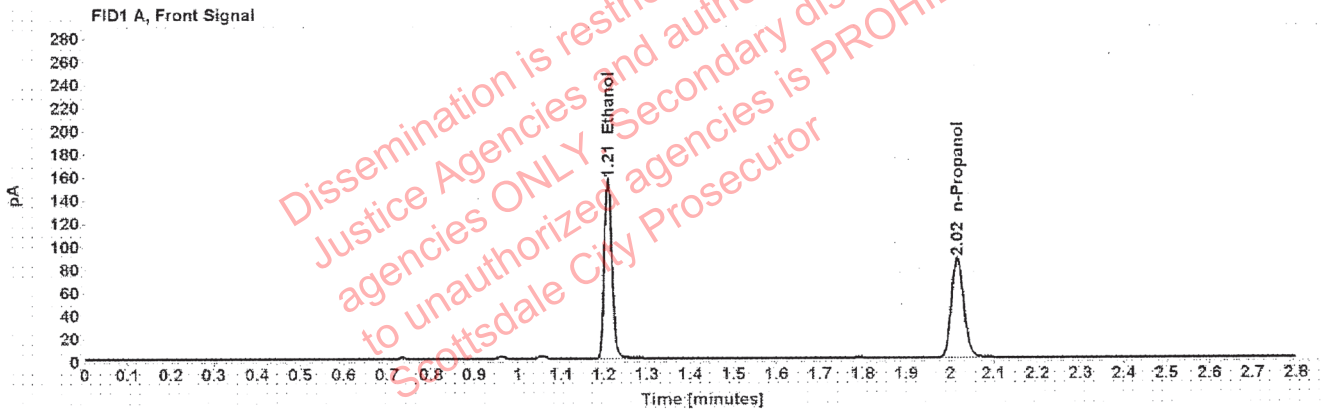


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3113	1.210	197.452
n-Propanol	-----	2.016	172.153

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

Compound	Time (min)	Peak Area
Ethanol	1.374	246.757
n-Propanol	2.468	212.056

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	38501DB	Vial:	13
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 12:54:35 PM
Data file:	C:\Chem321\Data\03Feb21\13.D	Analyst:	Abbott

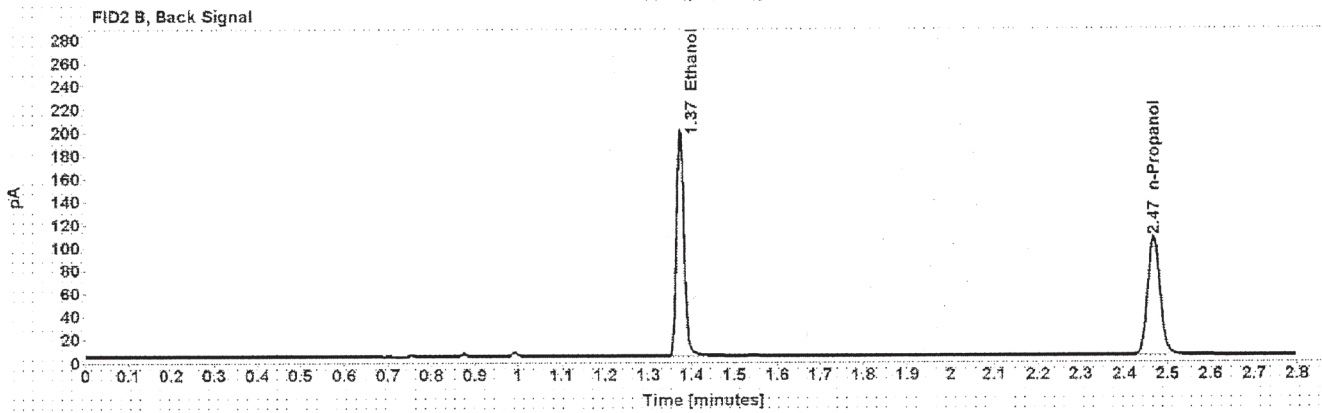
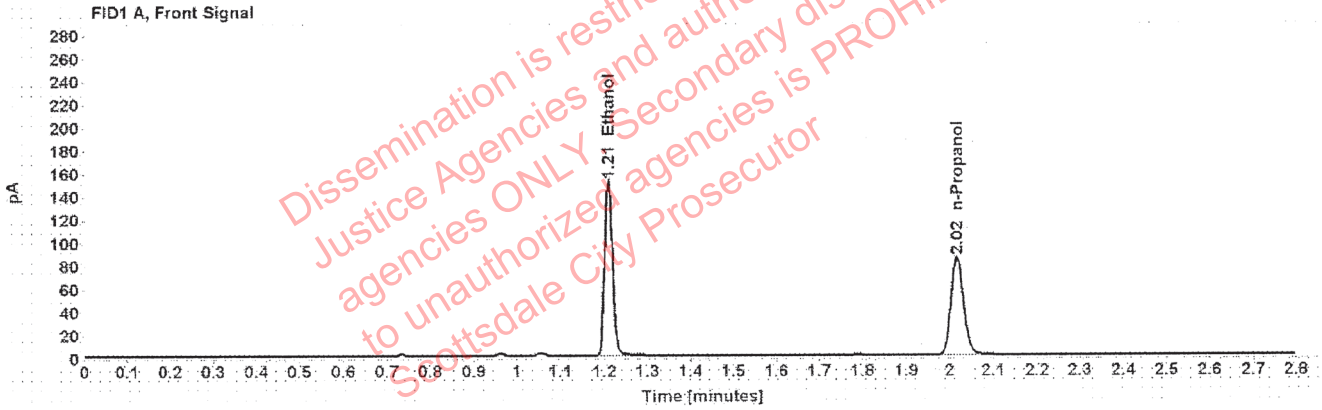


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.3102	1.210	192.813
n-Propanol	-----	2.016	168.725

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

Compound	Time (min)	Peak Area
Ethanol	1.374	240.925
n-Propanol	2.468	207.607

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801ML	Vial:	14
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 12:58:35 PM
Data file:	C:\Chem32\1\Data\03Feb21\14.D	Analyst:	Abbott

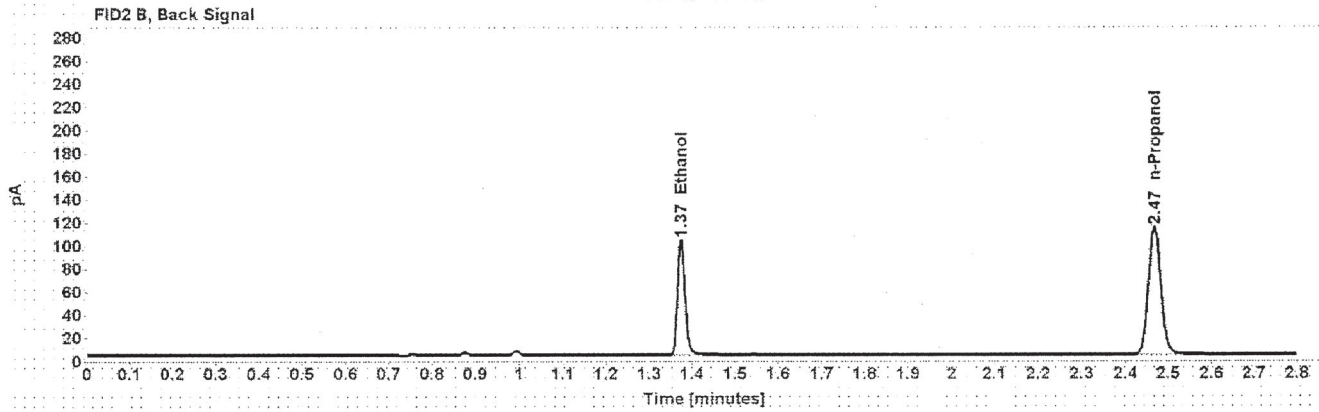
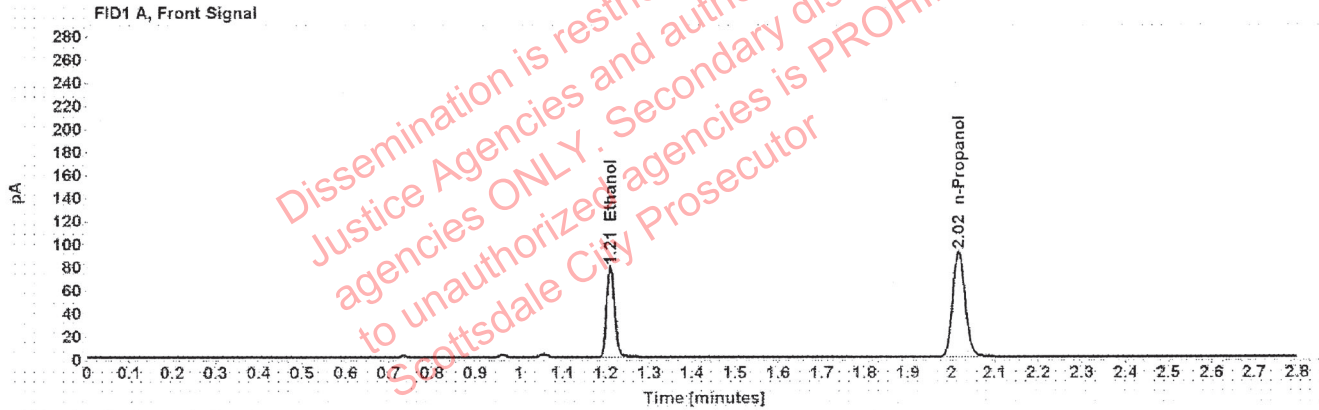


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1495	1.210	99.794
n-Propanol	-----	2.016	181.974

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

Compound	Time (min)	Peak Area
Ethanol	1.374	124.211
n-Propanol	2.468	224.379

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801ML	Vial:	15
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 1:02:35 PM
Data file:	C:\Chem32\1\Data\03Feb21\15.D	Analyst:	Abbott

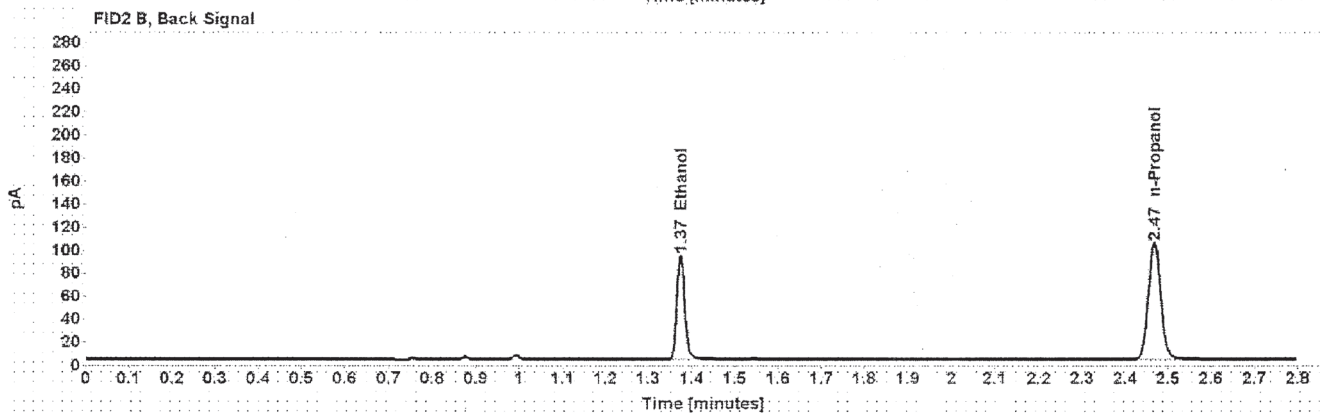
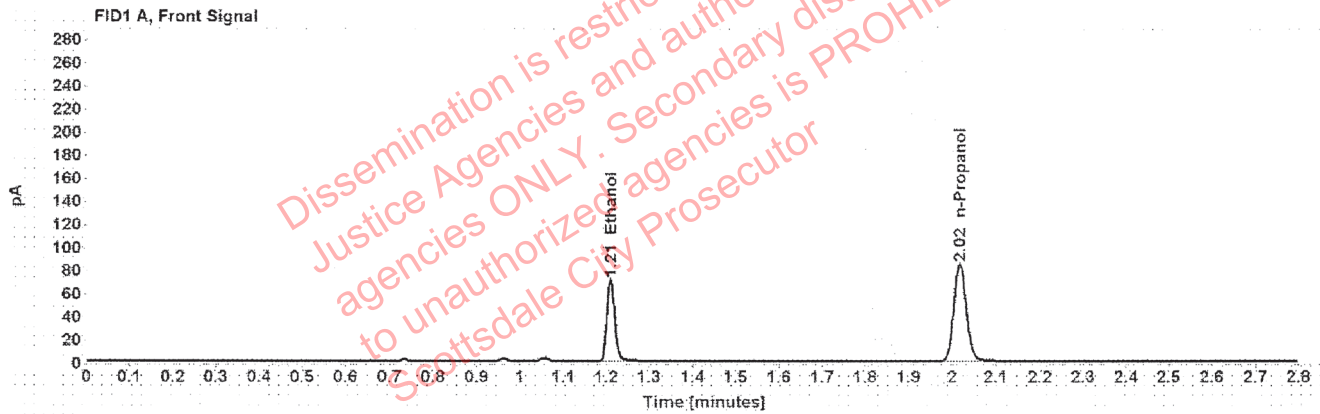


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1470	1.210	90.296
n-Propanol	-----	2.016	167.431

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

Compound	Time (min)	Peak Area
Ethanol	1.374	112.206
n-Propanol	2.468	206.322

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801PH	Vial:	16
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 1:06:36 PM
Data file:	C:\Chem32\1\Data\03Feb21\16.D	Analyst:	Abbott

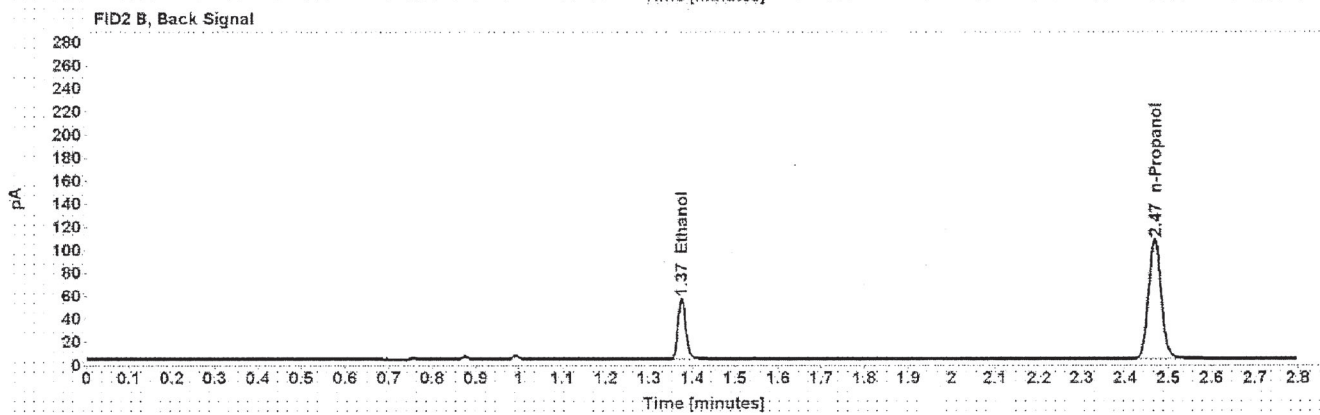
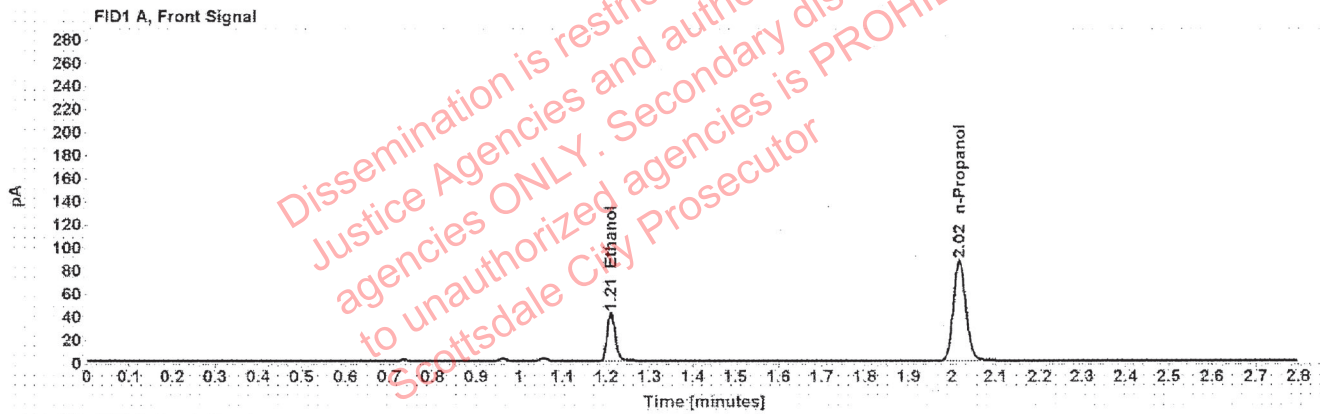


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0840	1.211	52.800
n-Propanol	-----	2.017	172.361

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

Compound	Time (min)	Peak Area
Ethanol	1.375	65.454
n-Propanol	2.468	212.187

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	33801PH	Vial:	17
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 1:10:36 PM
Data file:	C:\Chem32\1\Data\03Feb21\17.D	Analyst:	Abbott

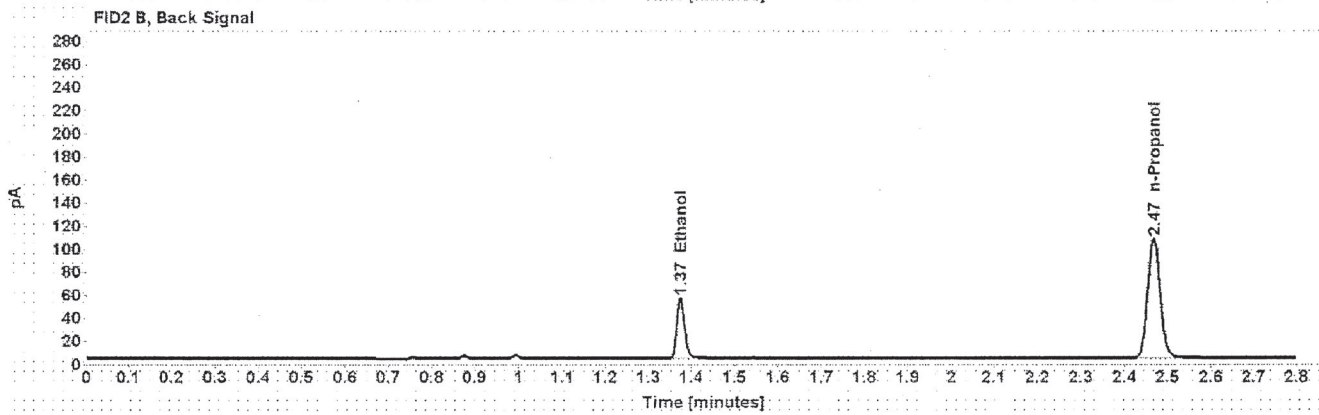
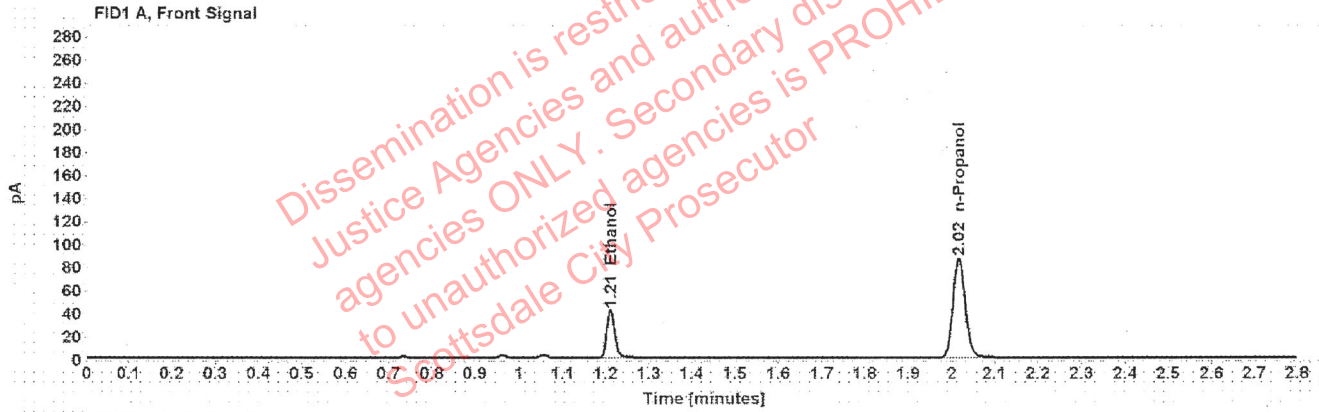


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0839	1.211	52.508
n-Propanol	-----	2.017	171.619

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

Compound	Time (min)	Peak Area
Ethanol	1.375	65.069
n-Propanol	2.468	211.114

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701BS	Vial:	18
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 1:14:35 PM
Data file:	C:\Chem32\1\Data\03Feb21\18.D	Analyst:	Abbott

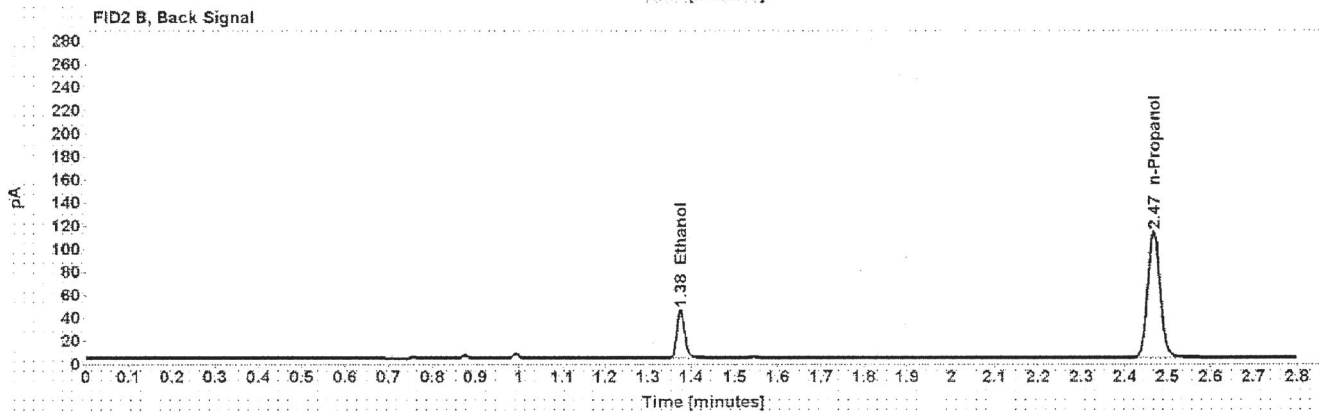
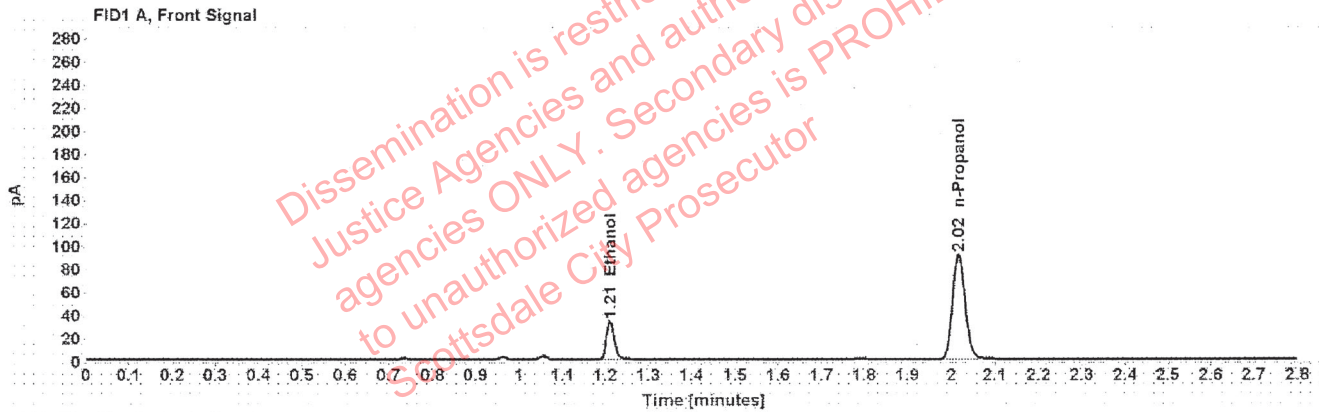


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0644	1.211	42.245
n-Propanol	-----	2.016	180.661

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

Compound	Time (min)	Peak Area
Ethanol	1.375	53.017
n-Propanol	2.468	222.562

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	32701BS	Vial:	19
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 1:18:50 PM
Data file:	C:\Chem32\1\Data\03Feb21\19.D	Analyst:	Abbott

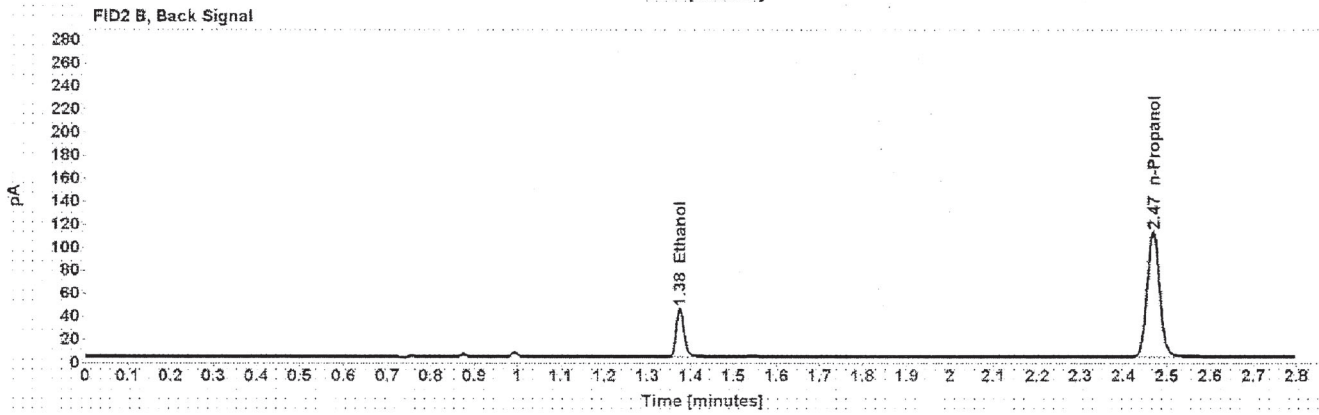
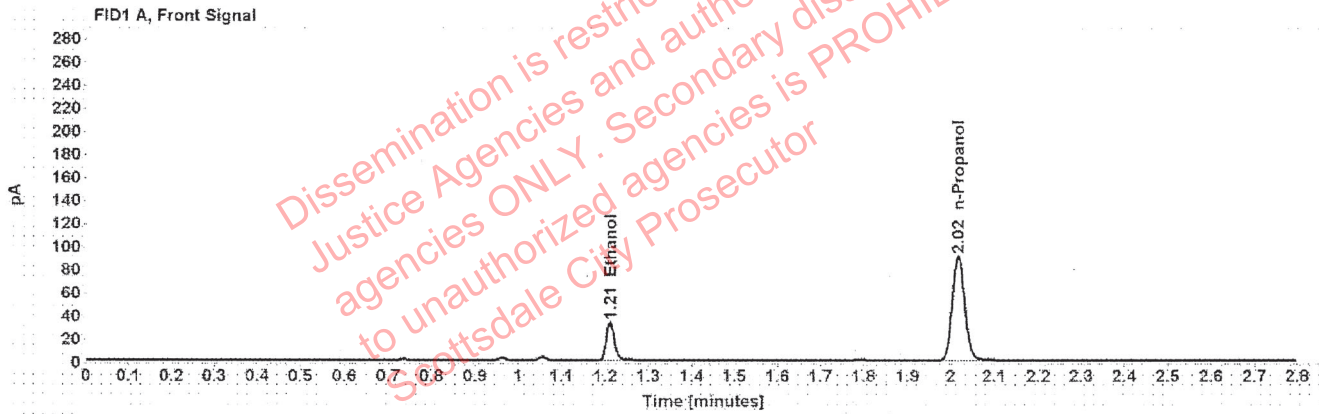


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0647	1.211	42.246
n-Propanol	-----	2.017	179.800

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

Compound	Time (min)	Peak Area
Ethanol	1.375	53.010
n-Propanol	2.468	221.465

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	28501TA	Vial:	21
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 1:26:52 PM
Data file:	C:\Chem321\1\Data\03Feb21\21.D	Analyst:	Abbott

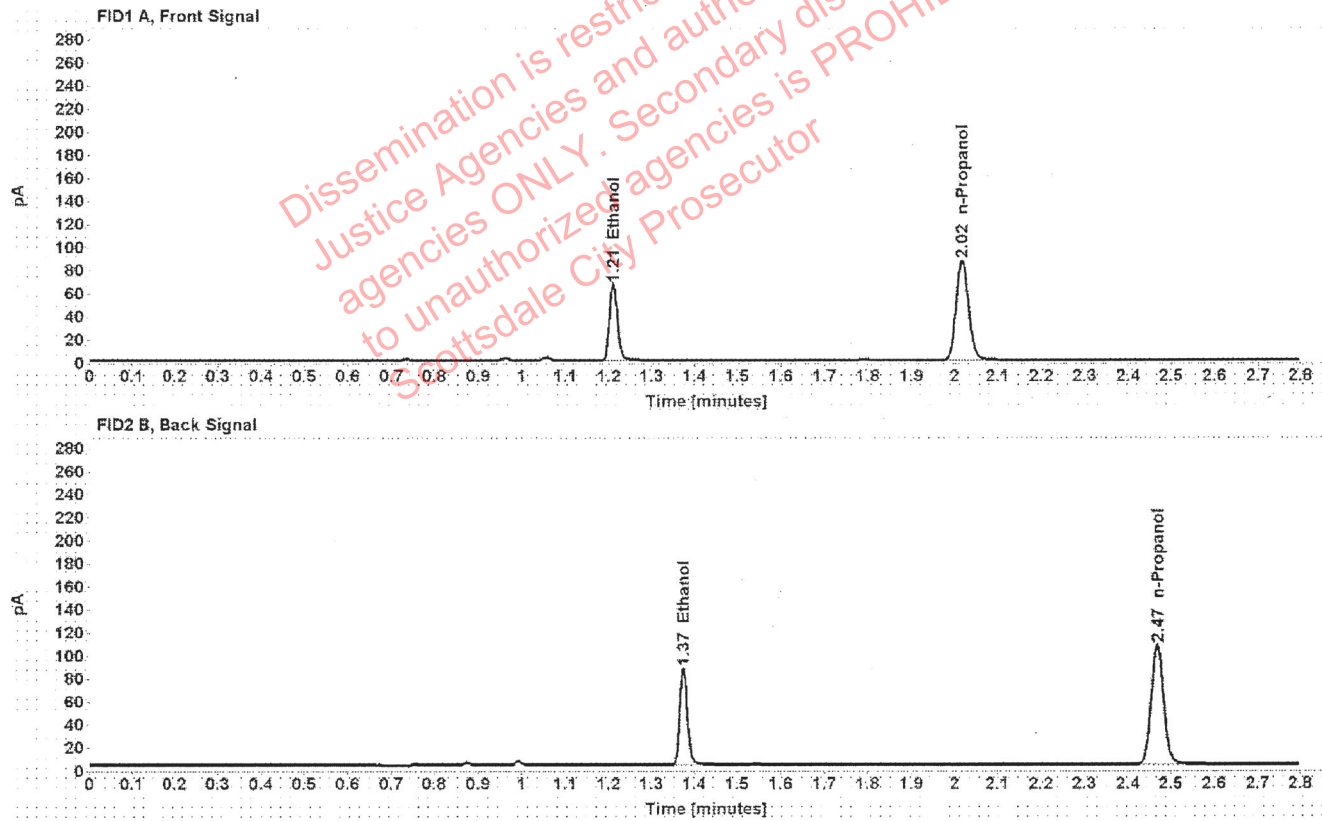


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1336	1.210	84.102
n-Propanol	-----	2.017	171.673

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

Compound	Time (min)	Peak Area
Ethanol	1.375	104.157
n-Propanol	2.468	211.510

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	28501TA	Vial:	22
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 1:30:51 PM
Data file:	C:\Chem32\1\Data\03Feb21\22.D	Analyst:	Abbott

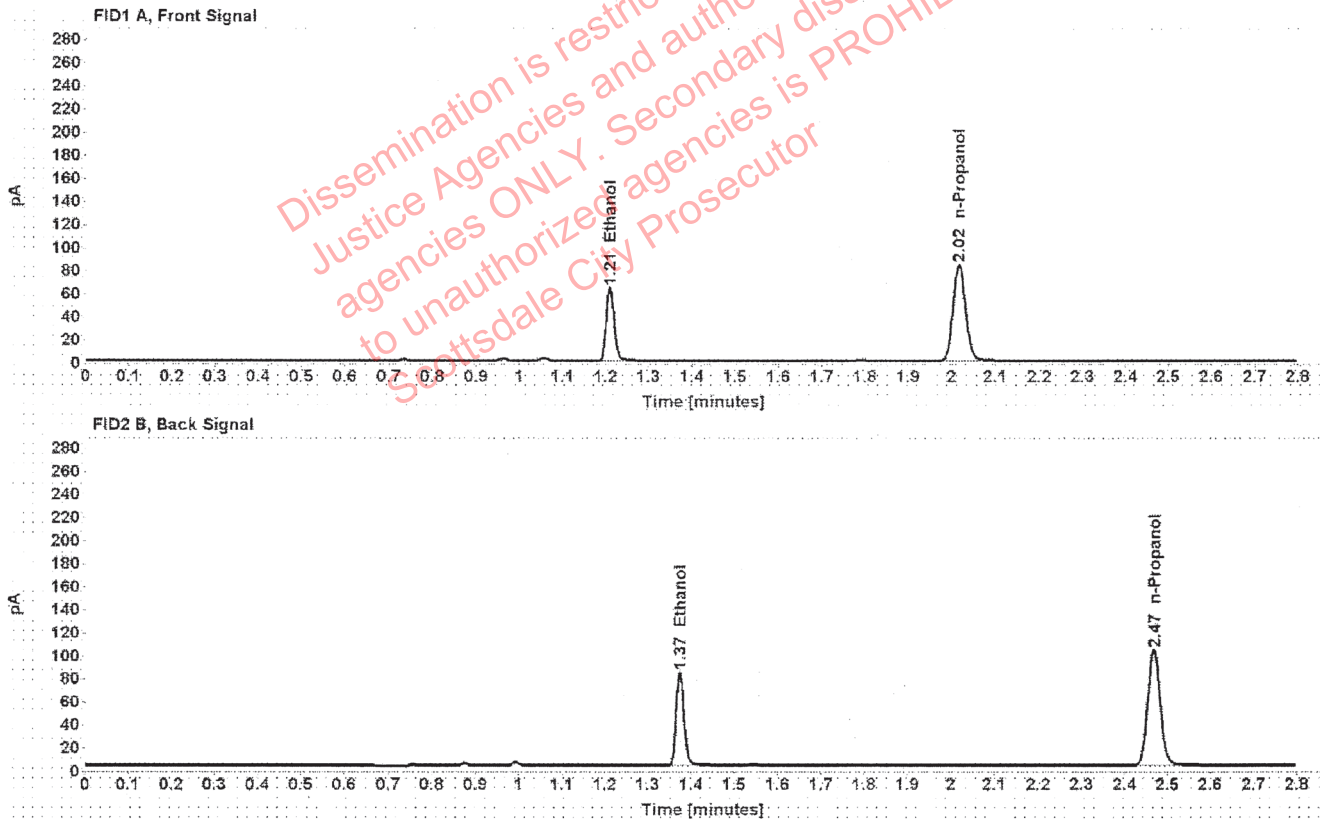


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1330	1.210	81.019
n-Propanol	-----	2.017	166.250

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

Compound	Time (min)	Peak Area
Ethanol	1.375	100.253
n-Propanol	2.468	204.501

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1357949	Vial:	23
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 1:34:50 PM
Data file:	C:\Chem32\1\Data\03Feb21\23.D	Analyst:	Abbott

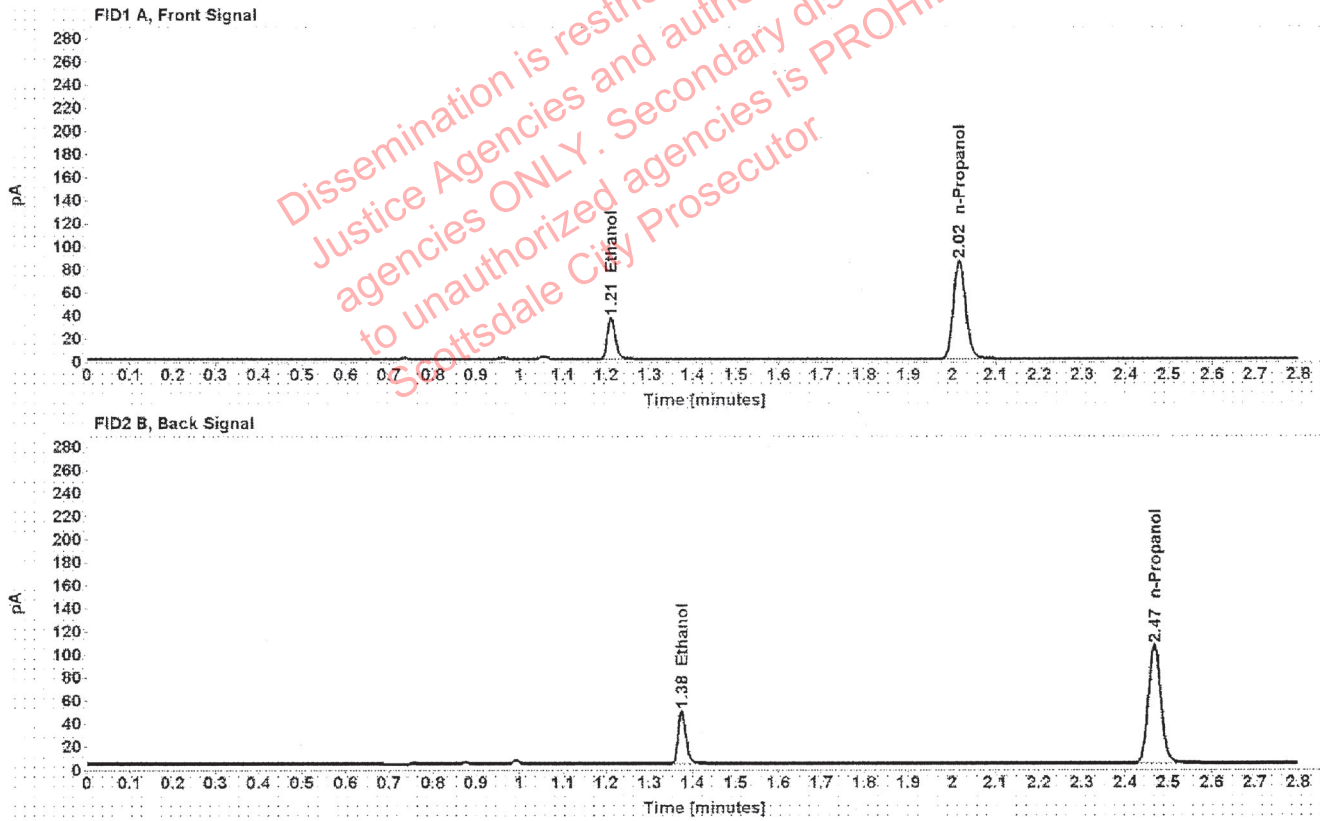


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0743	1.211	45.970
n-Propanol	-----	2.016	169.883

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

Compound	Time (min)	Peak Area
Ethanol	1.375	56.910
n-Propanol	2.468	208.994

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1357949	Vial:	24
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 1:38:50 PM
Data file:	C:\Chem32\1\Data\03Feb21\24.D	Analyst:	Abbott

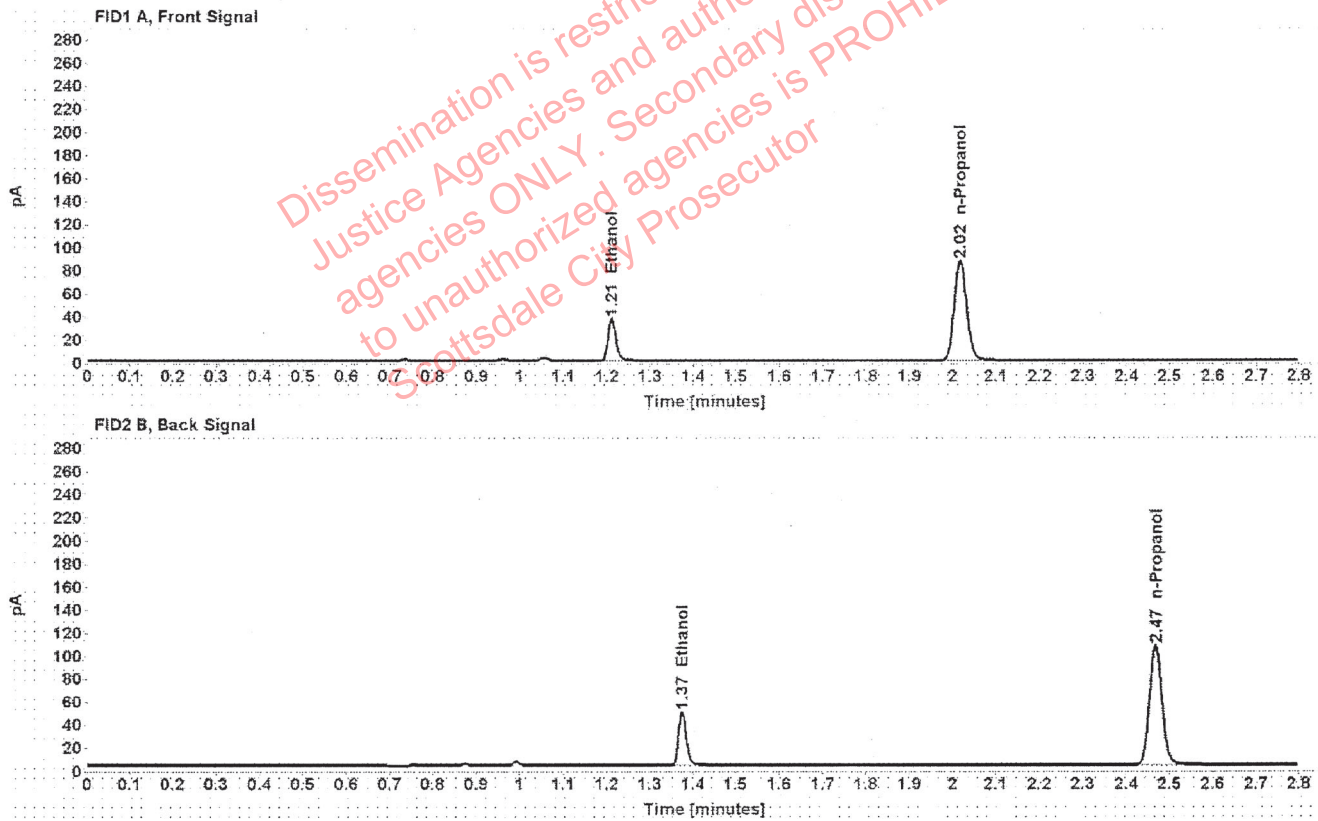


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.0746	1.211	46.749
n-Propanol	-----	2.016	172.205

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

Compound	Time (min)	Peak Area
Ethanol	1.375	57.827
n-Propanol	2.468	211.869

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1358086	Vial:	25
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 1:43:06 PM
Data file:	C:\Chem32\1\Data\03Feb21\25.D	Analyst:	Abbott

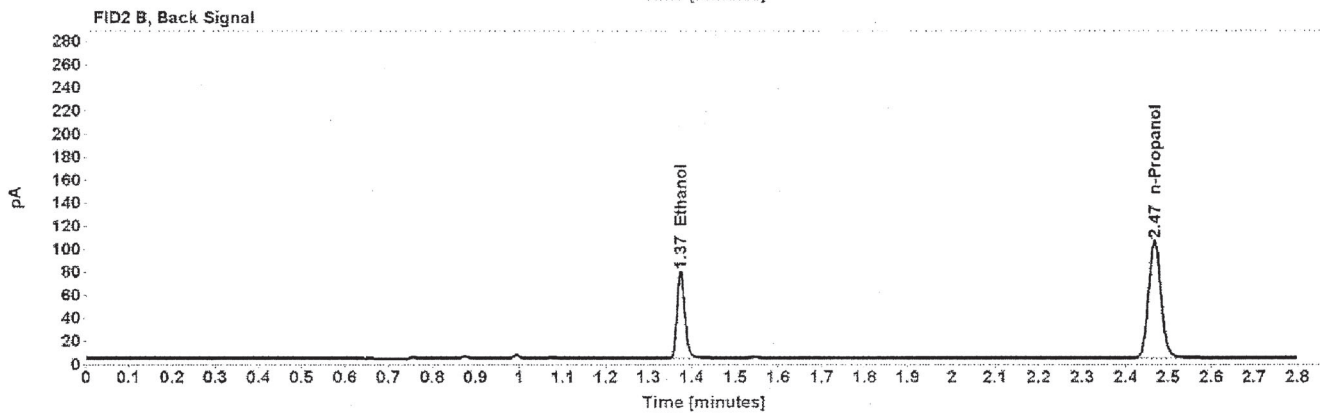
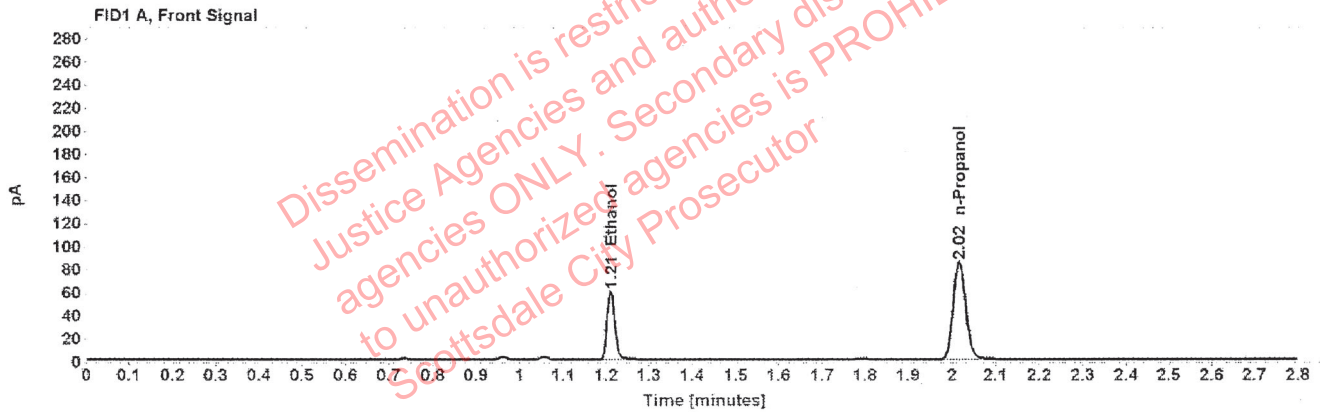


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1229	1.210	75.849
n-Propanol	-----	2.016	168.489

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

Compound	Time (min)	Peak Area
Ethanol	1.375	93.807
n-Propanol	2.468	206.973

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1358086	Vial:	26
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 1:47:06 PM
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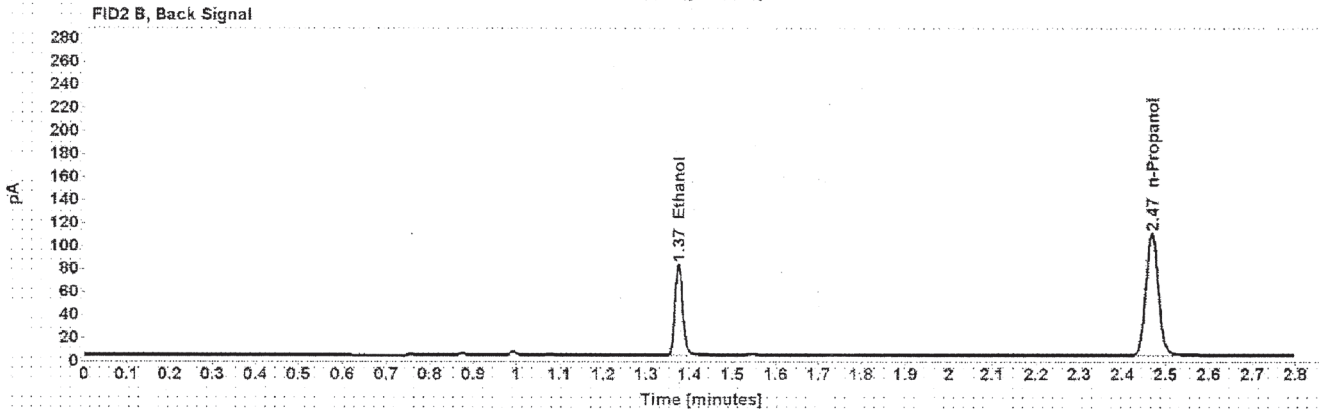
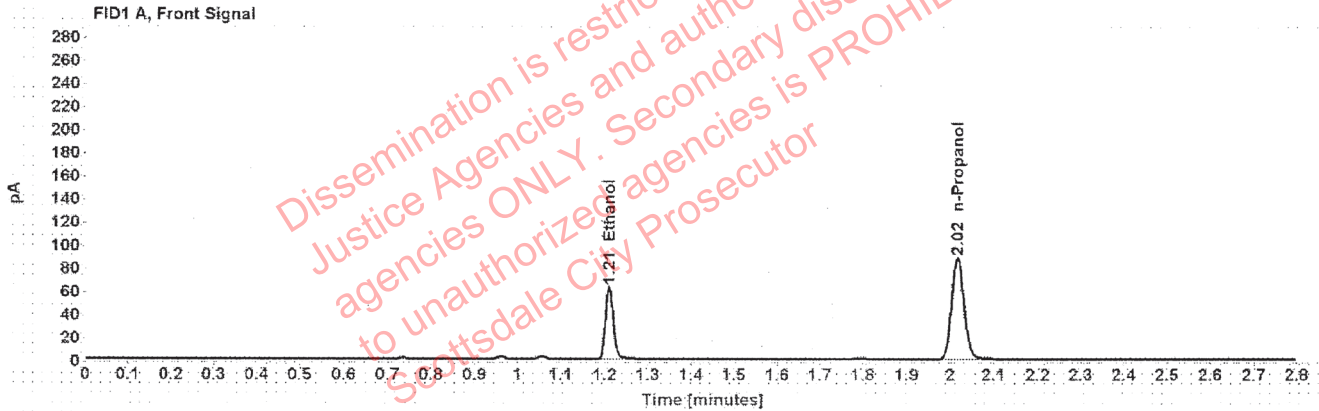


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1237	1.210	79.486
n-Propanol	-----	2.016	175.424

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

Compound	Time (min)	Peak Area
Ethanol	1.375	98.501
n-Propanol	2.468	215.421

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1356560	Vial:	27
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 1:51:06 PM
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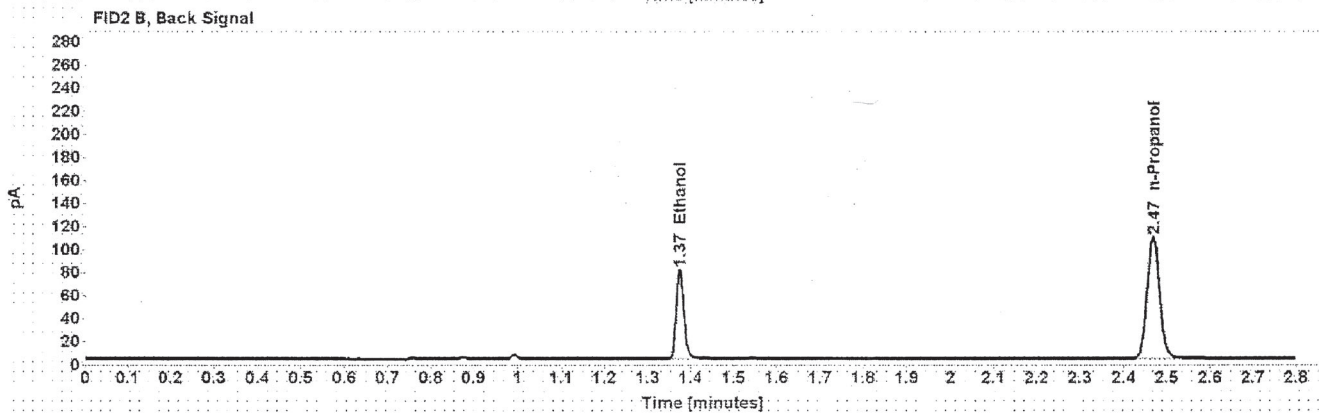
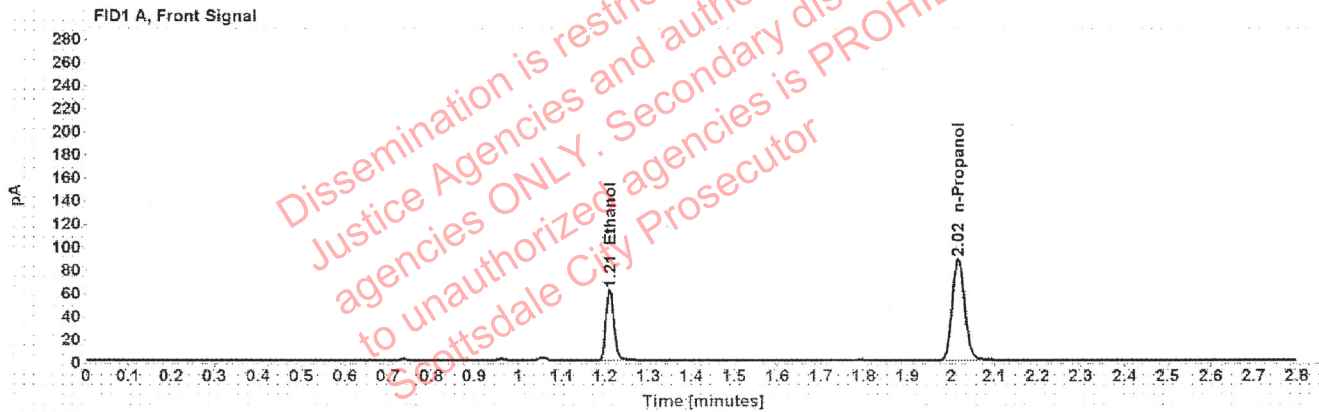


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1217	1.211	78.189
n-Propanol	-----	2.016	175.417

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

Compound	Time (min)	Peak Area
Ethanol	1.375	96.715
n-Propanol	2.468	215.324

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1356560	Vial:	28
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 1:55:05 PM
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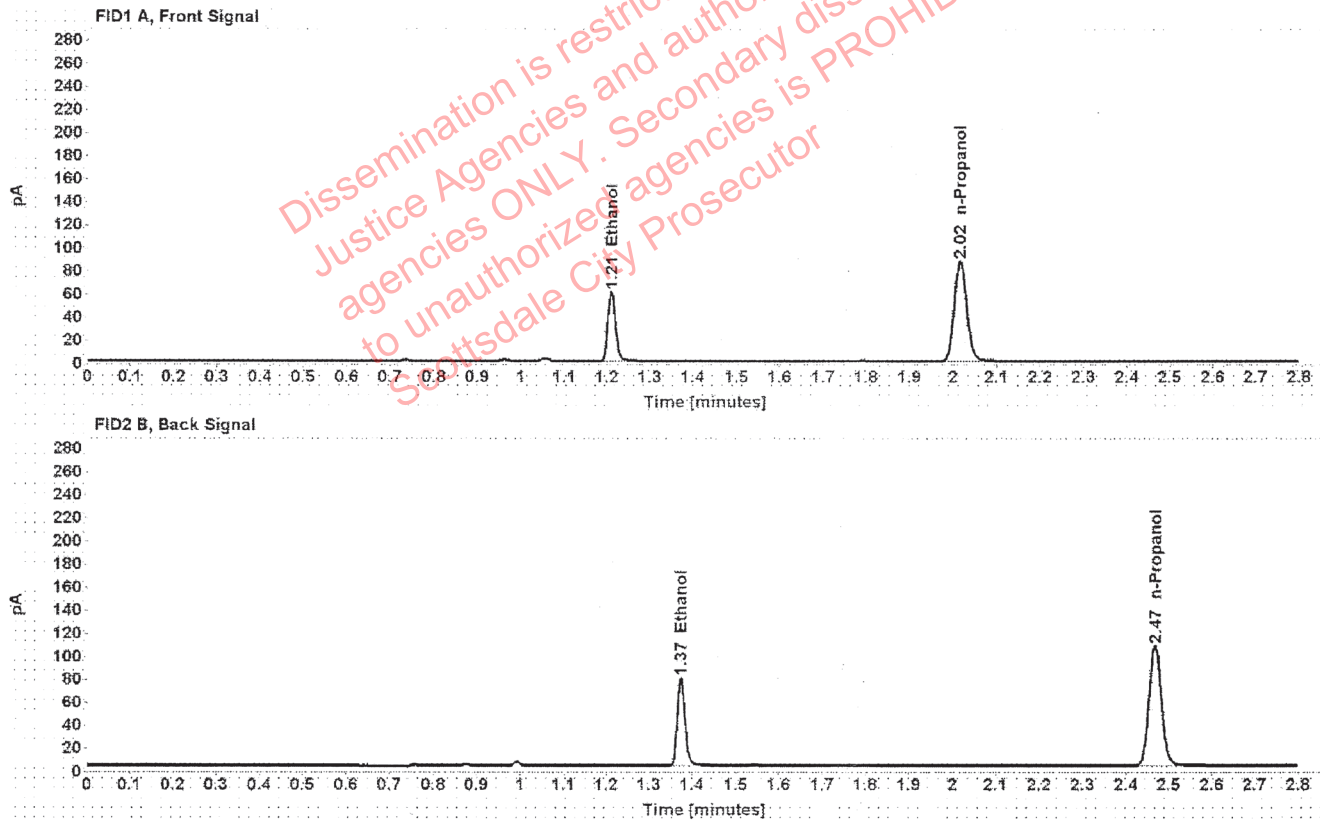


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1211	1.211	76.856
n-Propanol	-----	2.017	173.363

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

Compound	Time (min)	Peak Area
Ethanol	1.375	95.128
n-Propanol	2.468	212.909

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1356558	Vial:	29
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 1:59:06 PM
Data file:	C:\Chem32\1\Data\03Feb21\29.D	Analyst:	Abbott

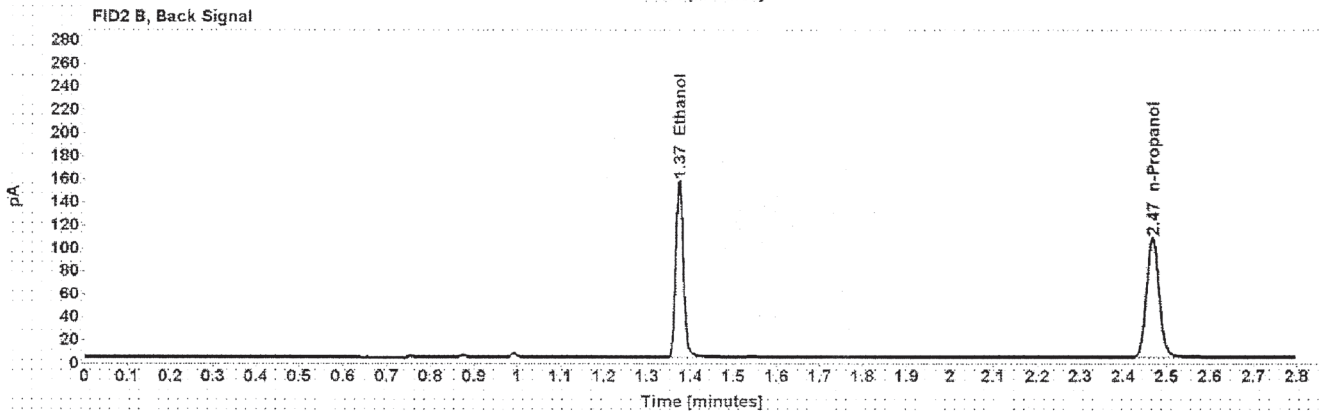
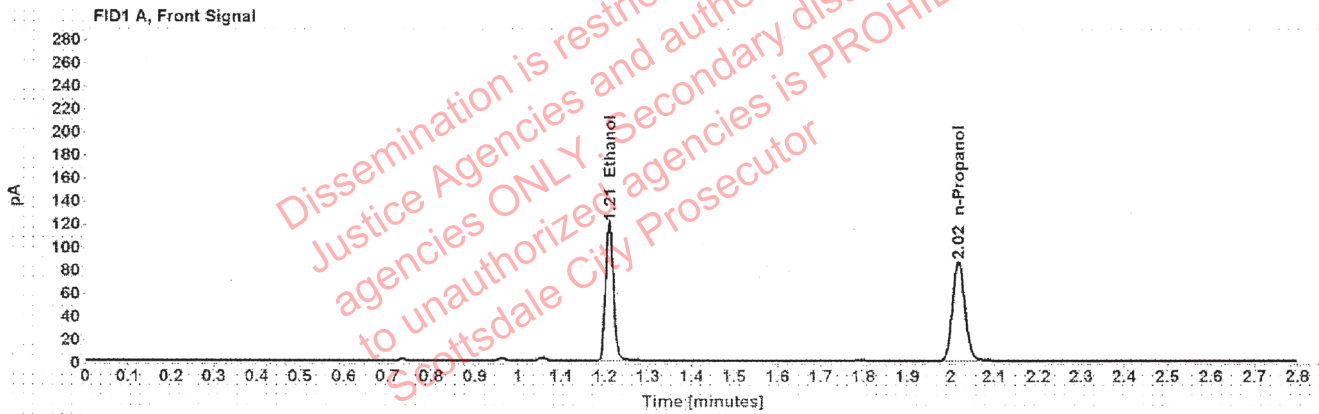


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2404	1.210	152.272
n-Propanol	-----	2.017	172.128

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

Compound	Time (min)	Peak Area
Ethanol	1.374	190.132
n-Propanol	2.468	211.525

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1356558	Vial:	30
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 2:03:05 PM
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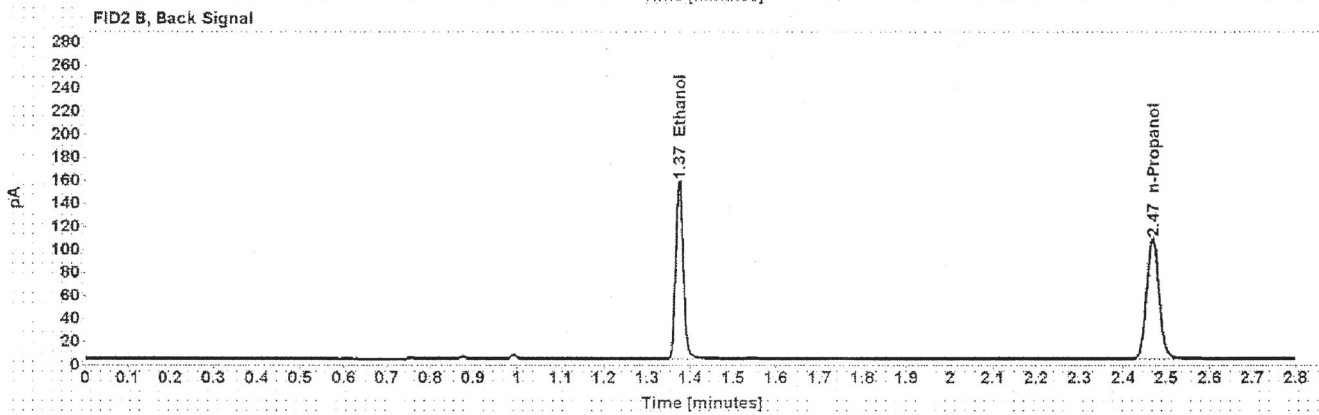
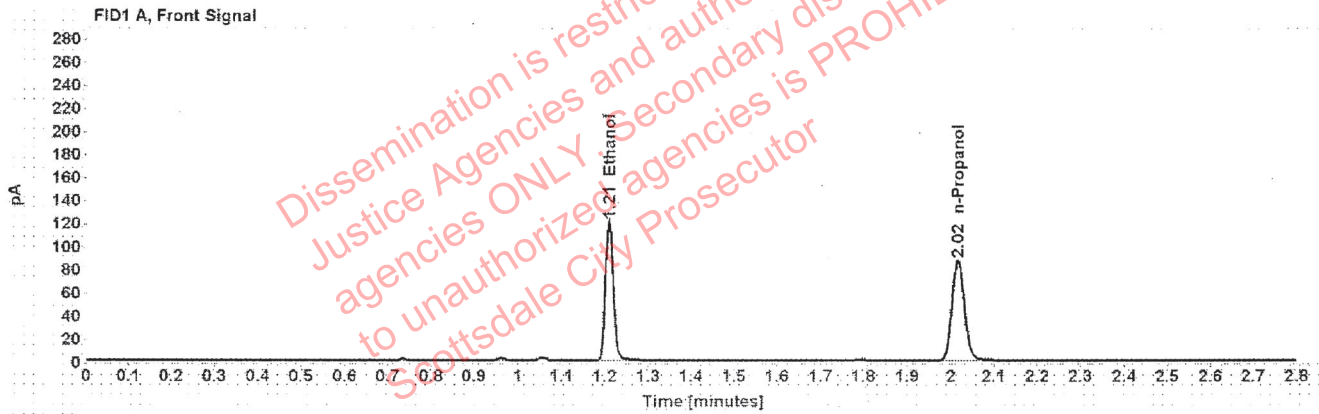


Table 1: FID 1.A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2409	1.210	153.229
n-Propanol	-----	2.017	172.860

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

Compound	Time (min)	Peak Area
Ethanol	1.374	191.249
n-Propanol	2.468	212.498

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1356916	Vial:	32
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 2:11:21 PM
Data file:	C:\Chem32\1\Data\03Feb21\32.D	Analyst:	Abbott

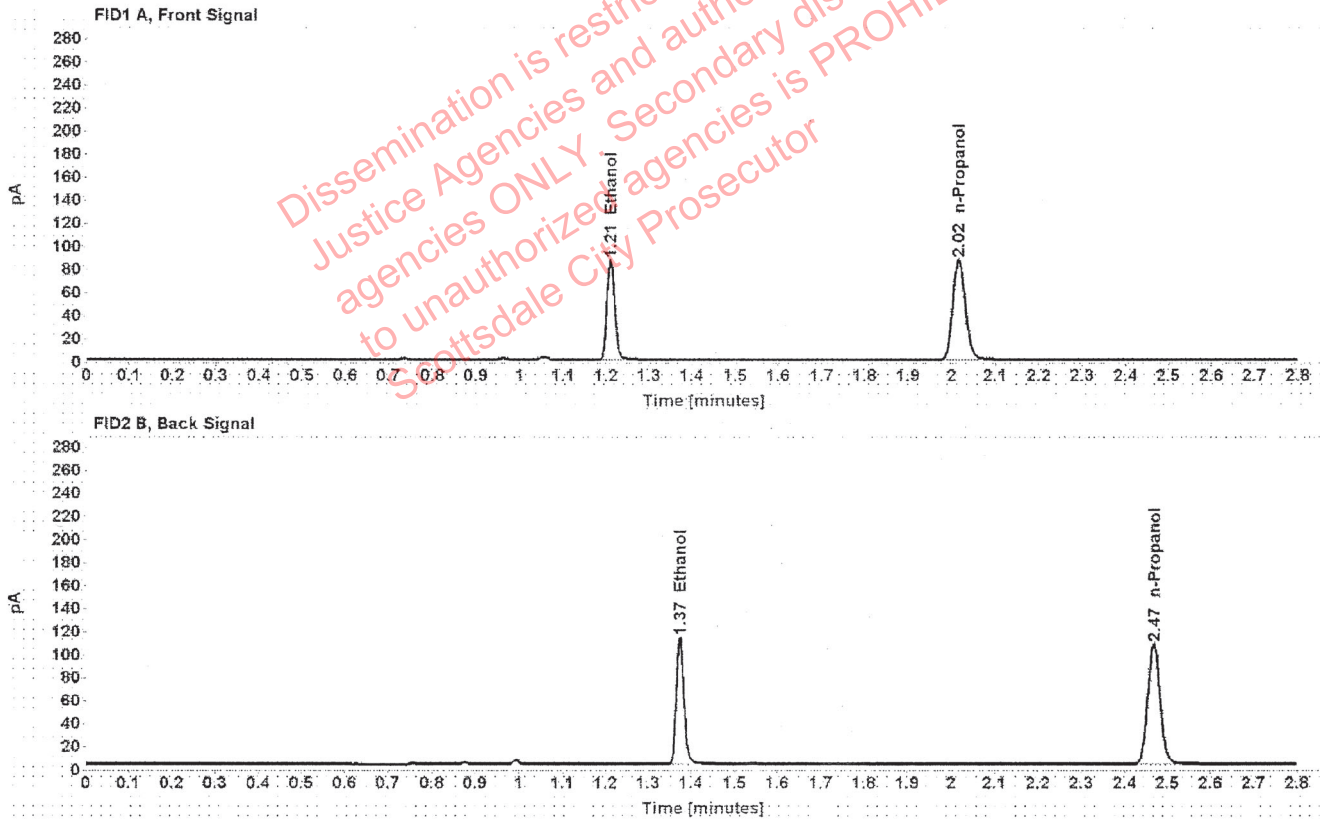


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1732	1.210	110.095
n-Propanol	-----	2.016	173.011

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

Compound	Time (min)	Peak Area
Ethanol	1.374	137.254
n-Propanol	2.468	212.483

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1356916	Vial:	33
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 2:15:20 PM
Data file:	C:\Chem32\1\Data\03Feb21\33.D	Analyst:	Abbott

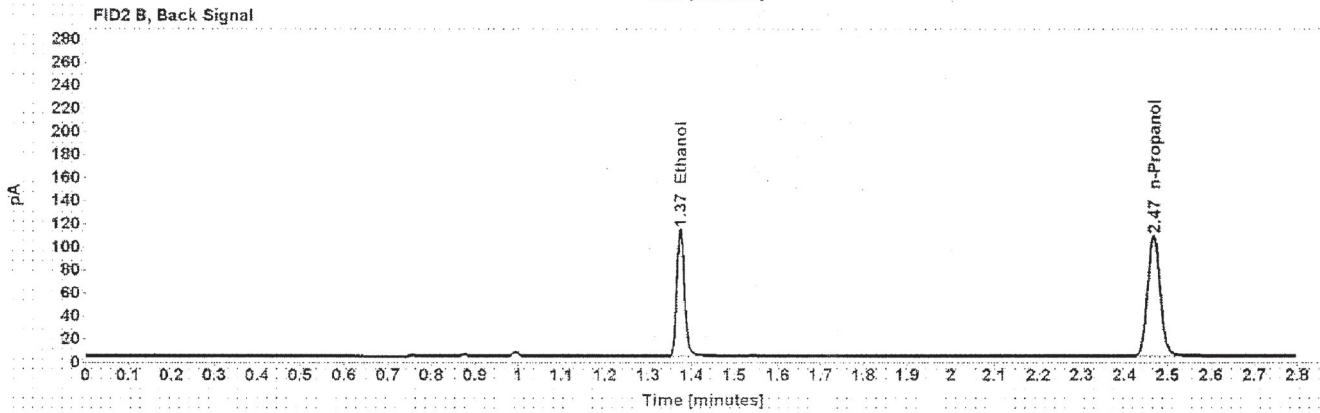
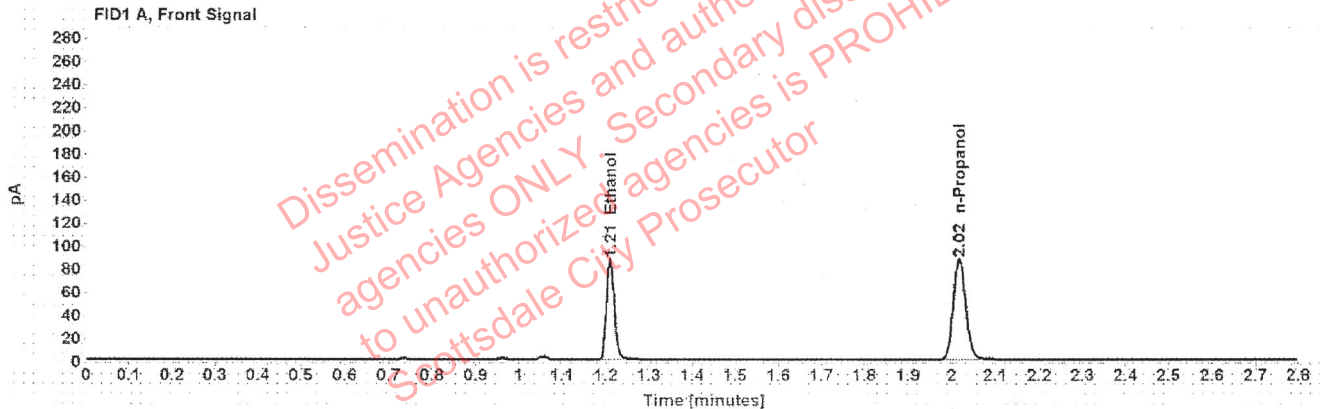


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1724	1.210	109.904
n-Propanol	-----	2.016	173.521

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

Compound	Time (min)	Peak Area
Ethanol	1.374	136.711
n-Propanol	2.468	213.092

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1355447	Vial:	34
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 2:19:21 PM
Data file:	C:\Chem32\1\Data\03Feb21\34.D	Analyst:	Abbott

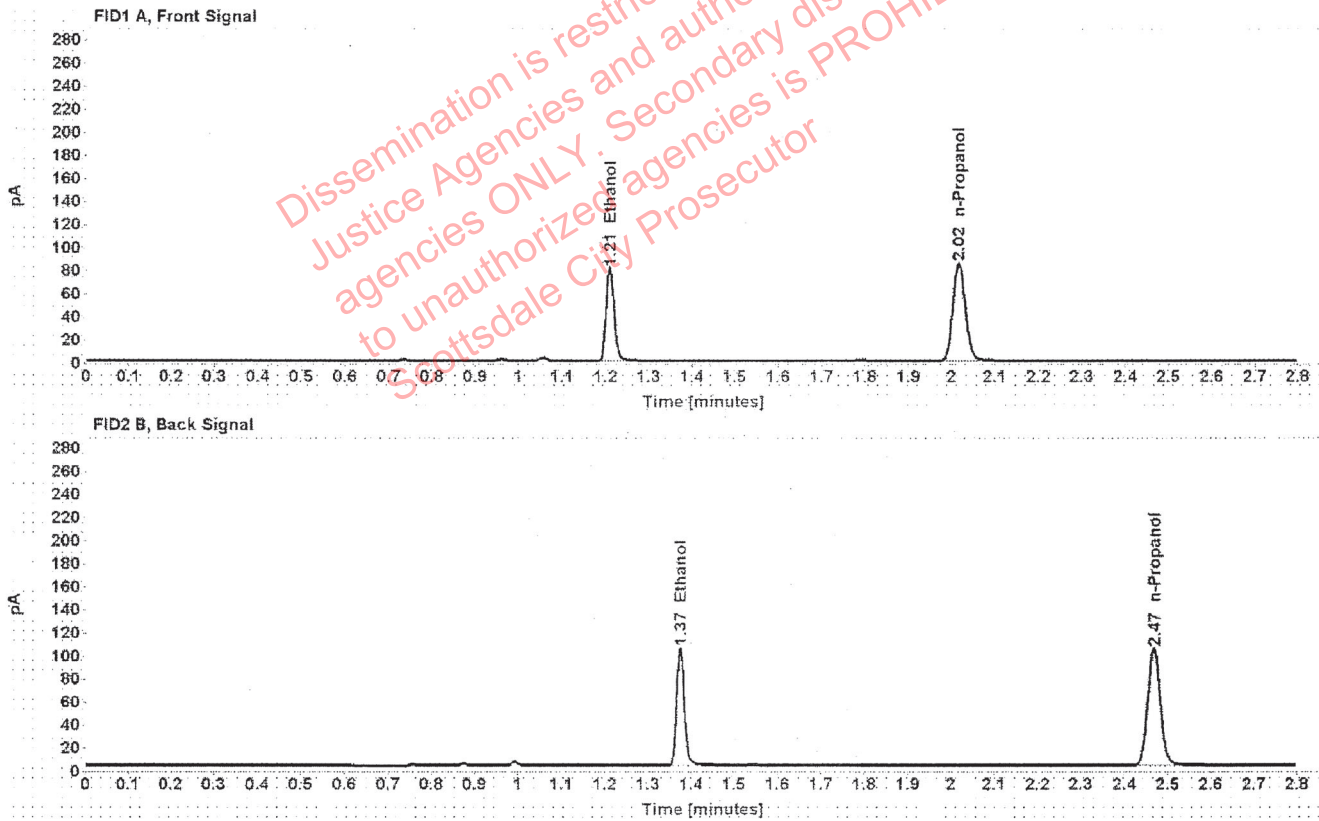


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1654	1.210	102.386
n-Propanol	-----	2.017	168.542

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

Compound	Time (min)	Peak Area
Ethanol	1.374	126.992
n-Propanol	2.468	206.883

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1355447	Vial:	35
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 2:23:22 PM
Data file:	C:\Chem32\1\Data\03Feb21\35.D	Analyst:	Abbott

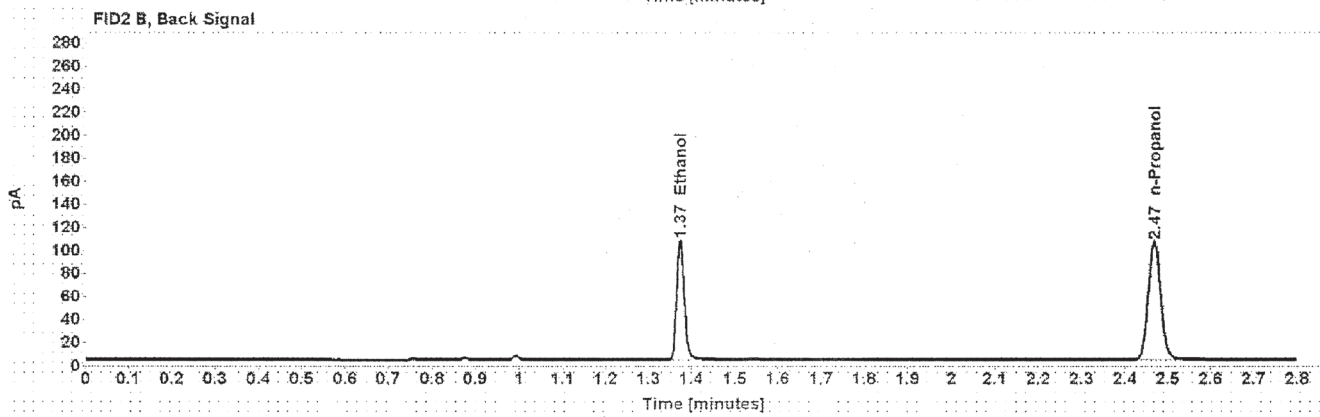
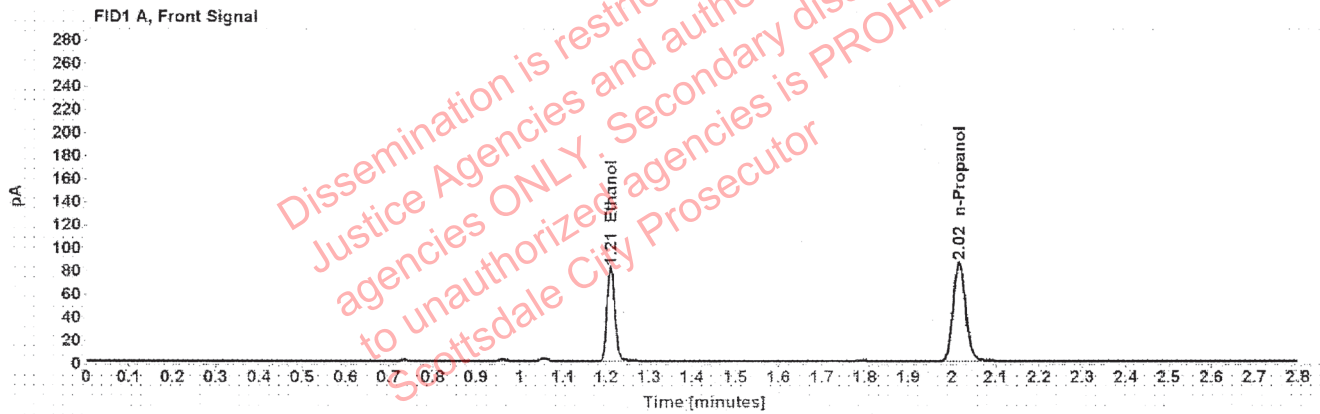


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1660	1.210	103.807
n-Propanol	-----	2.017	170.259

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

Compound	Time (min)	Peak Area
Ethanol	1.374	128.768
n-Propanol	2.468	208.928

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1357926	Vial:	36
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 2:27:20 PM
Data file:	C:\Chem32\1\Data\03Feb21\36.D	Analyst:	Abbott

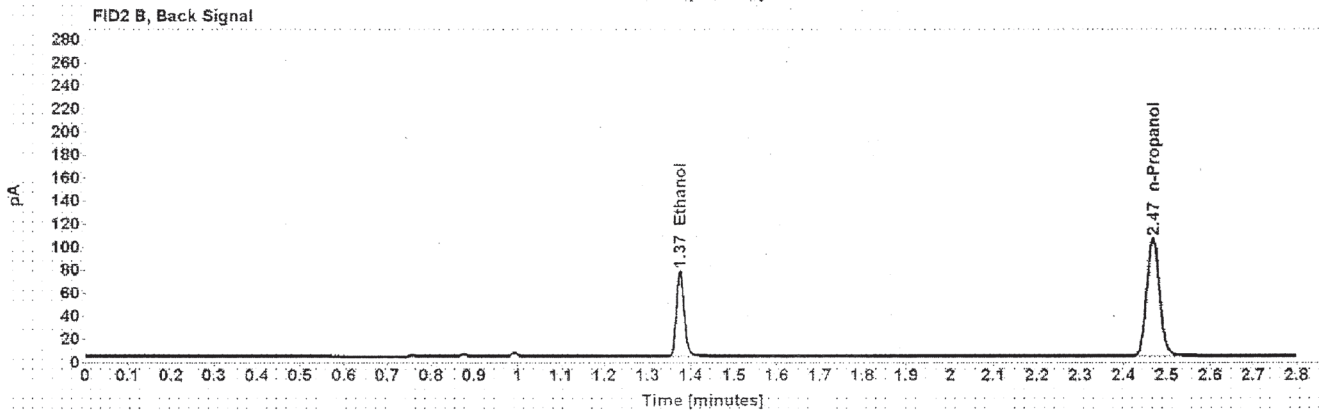
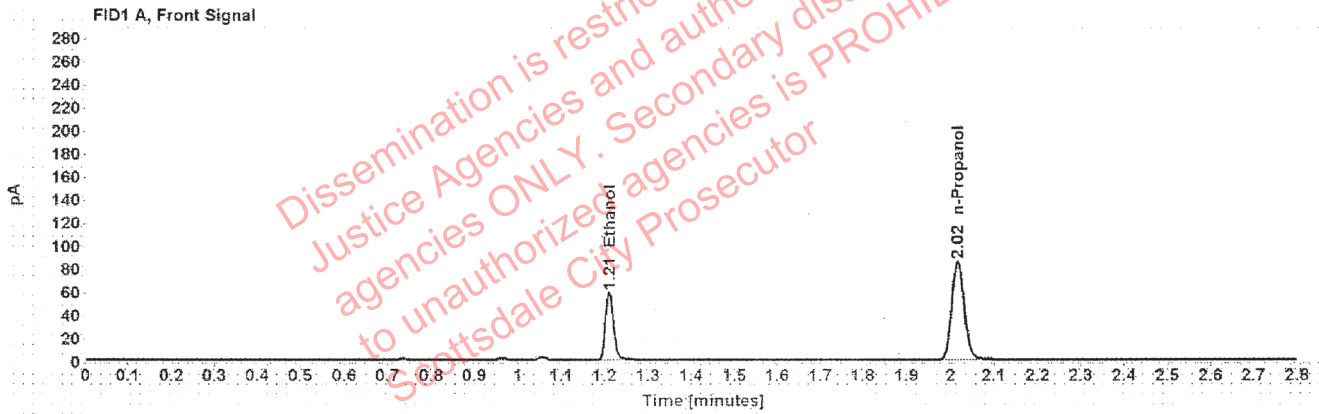


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1200	1.211	74.691
n-Propanol	-----	2.017	169.967

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

Compound	Time (min)	Peak Area
Ethanol	1.375	92.250
n-Propanol	2.468	208.638

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1357926	Vial:	37
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 2:31:36 PM
Data file:	C:\Chem32\1\Data\03Feb21\37.D	Analyst:	Abbott

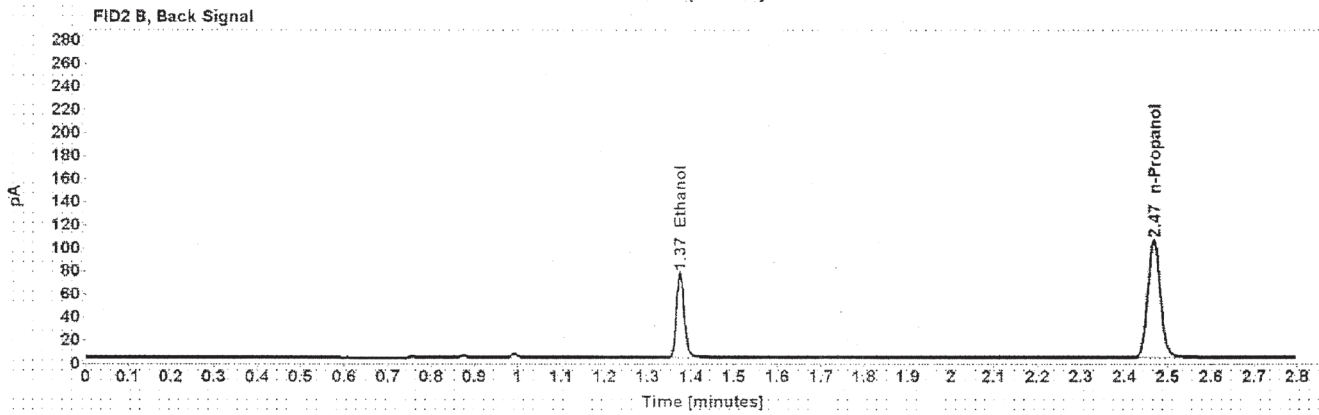
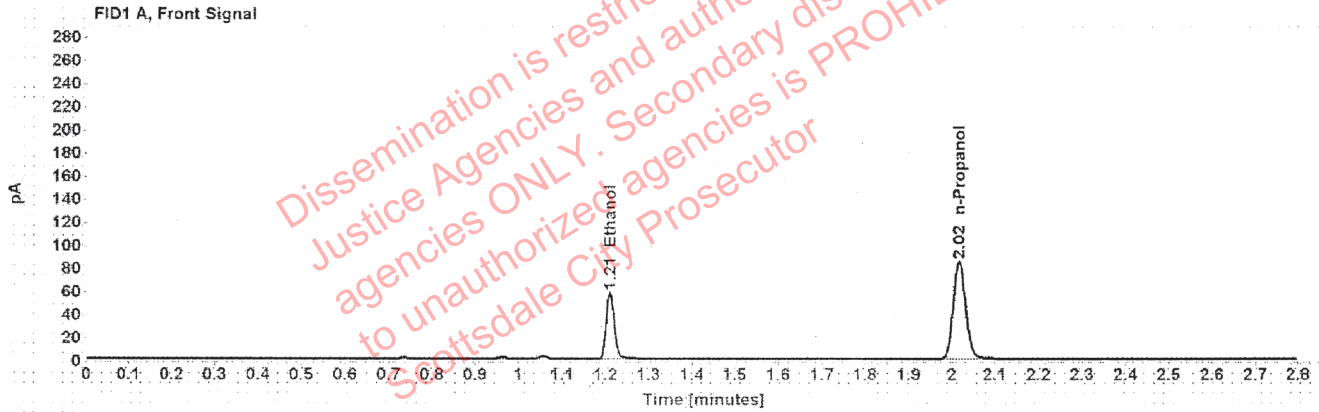


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1190	1.211	73.735
n-Propanol	-----	2.017	169.157

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

Compound	Time (min)	Peak Area
Ethanol	1.375	90.988
n-Propanol	2.468	207.563

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1357421	Vial:	38
Description:		LIMS ID:	
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 2:35:37 PM
Data file:	C:\Chem32\1\Data\03Feb21\38.D	Analyst:	Abbott

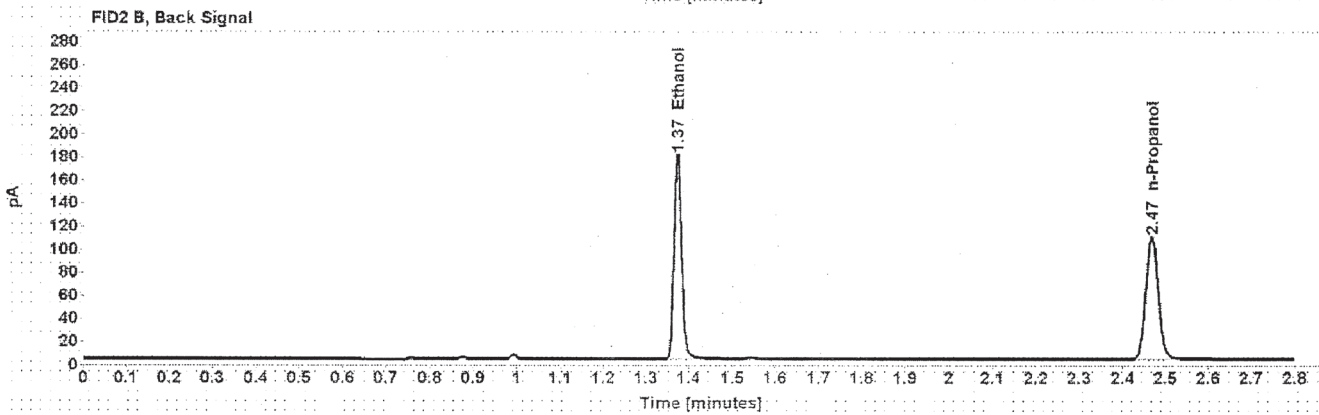
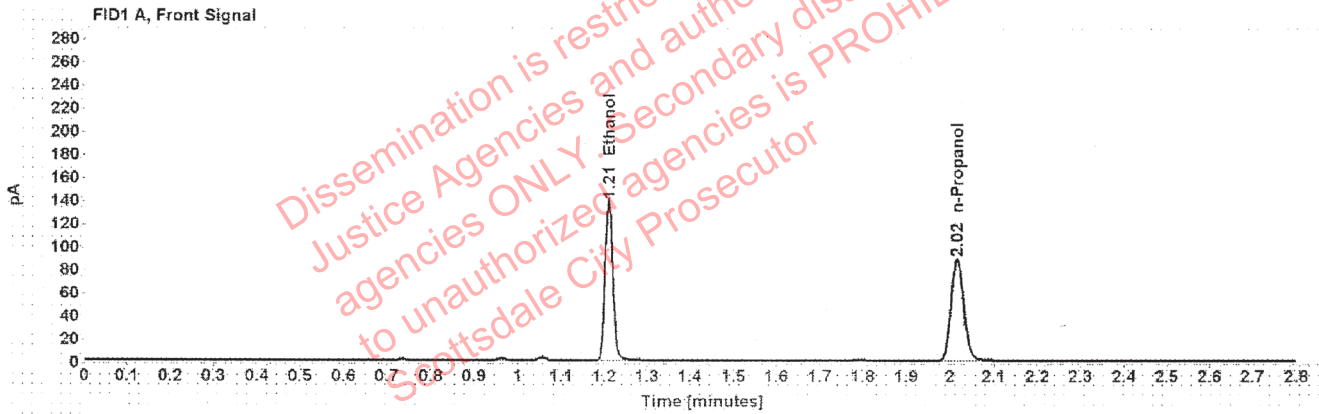


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2719	1.210	176.110
n-Propanol	-----	2.017	175.877

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

Compound	Time (min)	Peak Area
Ethanol	1.374	219.462
n-Propanol	2.468	215.565

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1357421	Vial:	39
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 2:39:36 PM
Data file:	C:\Chem32\1\Data\03Feb21\39.D	Analyst:	Abbott

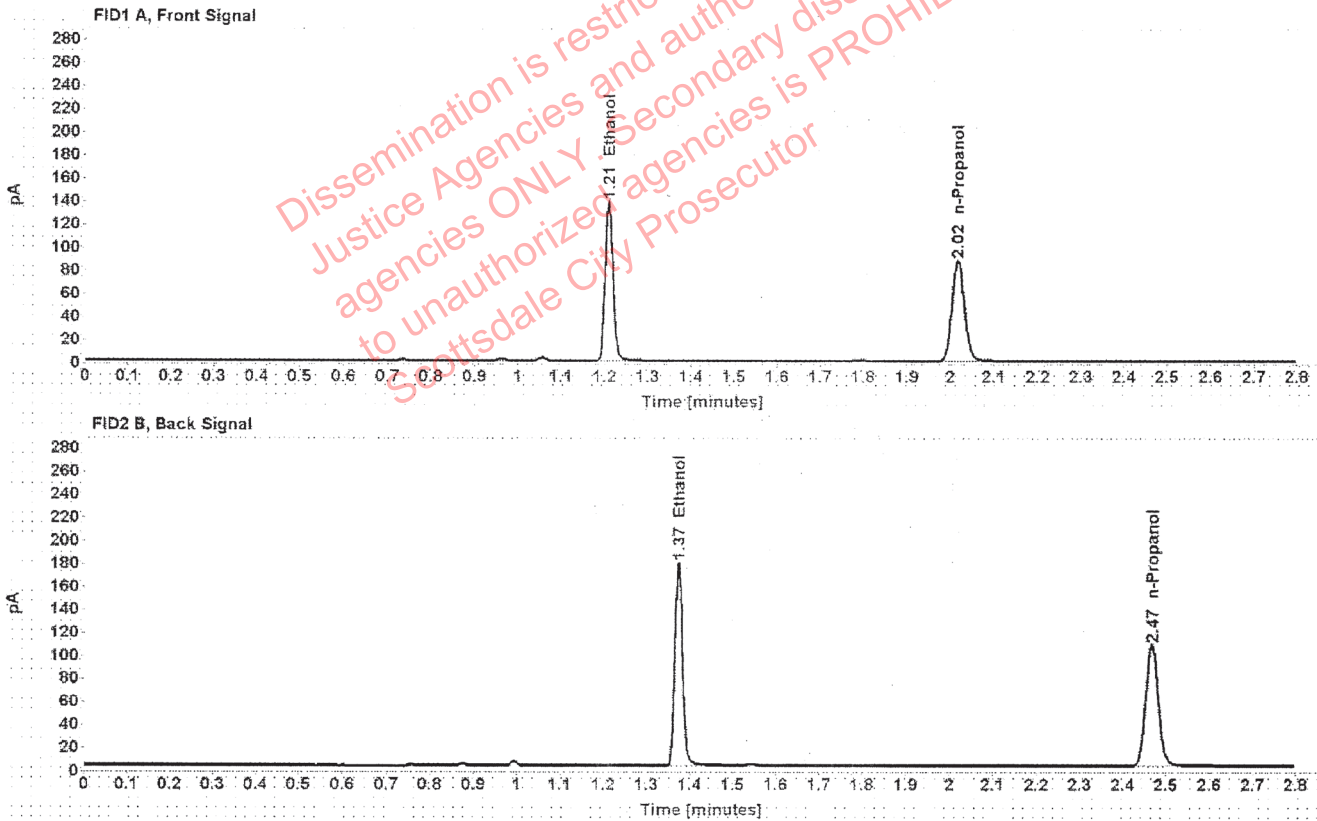


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.2736	1.210	175.526
n-Propanol	-----	2.017	174.217

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

Compound	Time (min)	Peak Area
Ethanol	1.374	218.819
n-Propanol	2.468	213.458

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1358232	Vial:	40
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 2:43:36 PM
Data file:	C:\Chem32\1\Data\03Feb21\40.D	Analyst:	Abbott

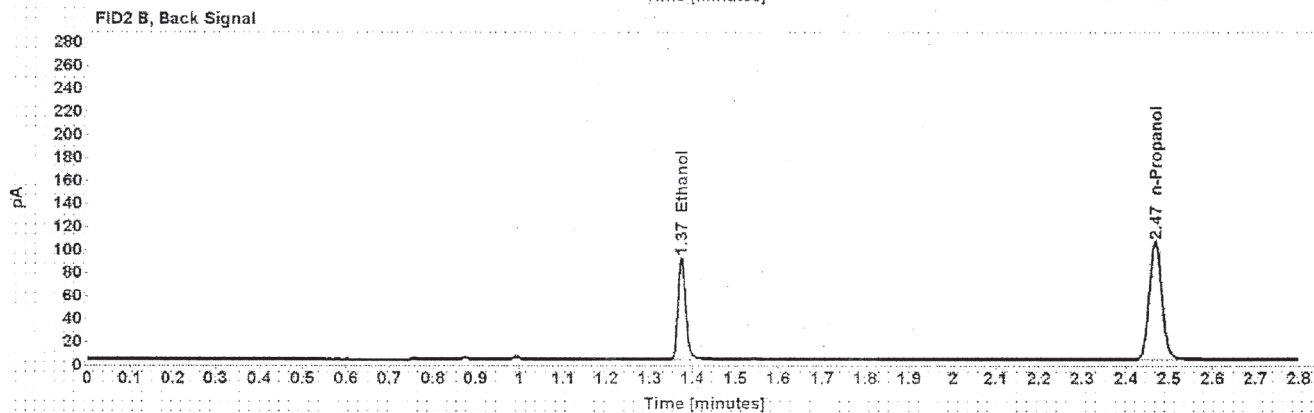
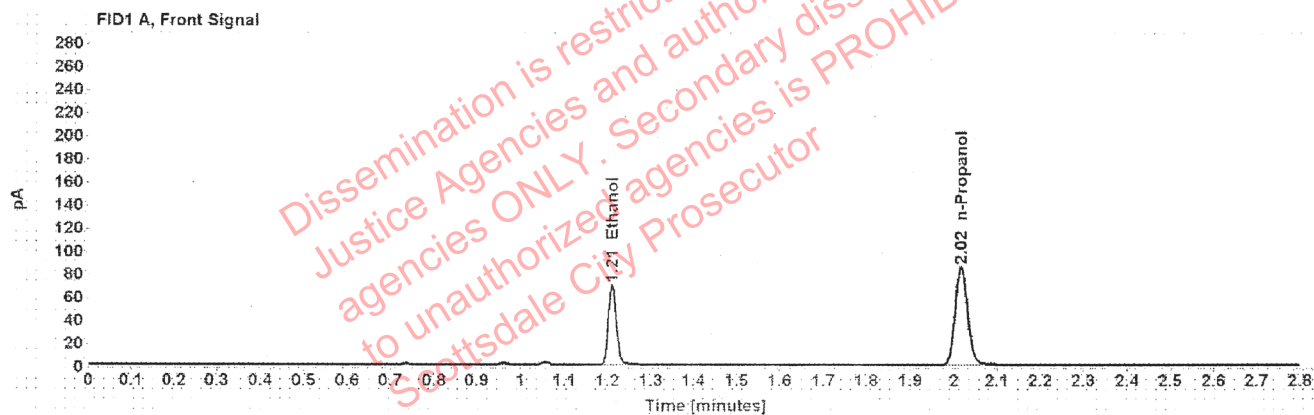


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1422	1.210	88.557
n-Propanol	-----	2.017	169.790

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

Compound	Time (min)	Peak Area
Ethanol	1.375	109.931
n-Propanol	2.468	208.490

Scottsdale Police Department Crime Lab Volatiles Analysis

Sample:	1358232	Vial:	41
Description:	[REDACTED]	LIMS ID:	[REDACTED]
Method:	ethanol quant.M	Sequence:	03Feb21
Instrument:	US14173023 CN14160045	Injection date:	2/3/2021 2:47:36 PM
Data file:	C:\Chem32\1\Data\03Feb21\41.D	Analyst:	Abbott

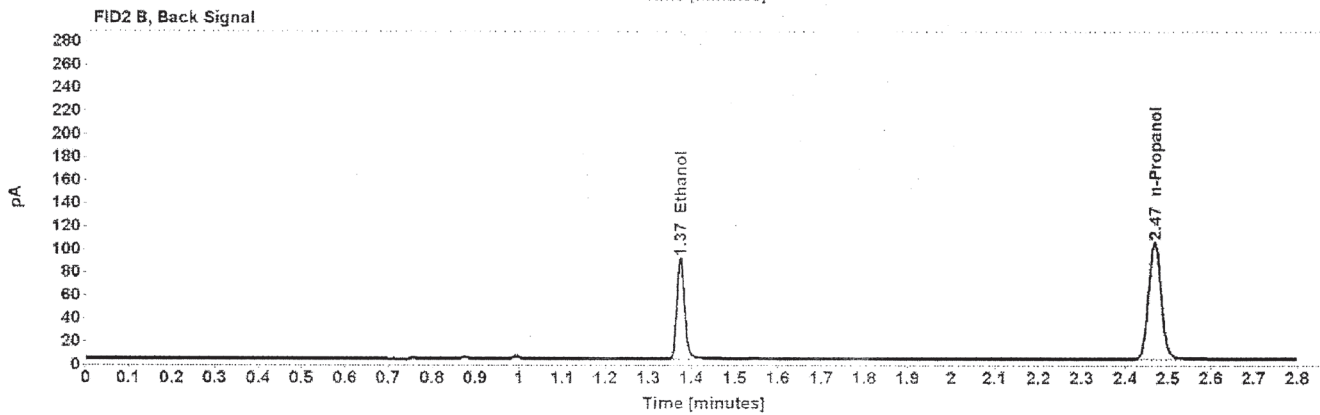
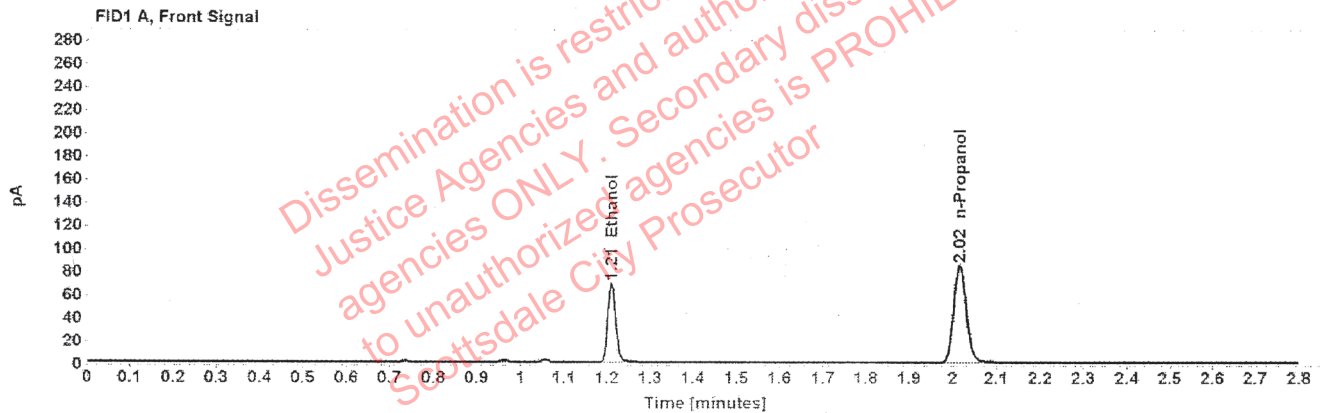


Table 1: FID 1 A (column DB-ALC1)

Compound	Amount (g/100mL)	Time (min)	Peak Area
>Ethanol	0.1420	1.210	87.823
n-Propanol	-----	2.017	168.597

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

Compound	Time (min)	Peak Area
Ethanol	1.375	108.926
n-Propanol	2.468	207.188