



Houston Forensic Science Center

Comparative and Analytical Division - Toxicology

Headspace GC Maintenance Log

Instrument: Headspace 2

Date	N ₂ Tank Pressure	H ₂ Pressure	Air Tank Pressure	He Tank Pressure	Air Control	SS	Comments	Initials
		H ₂ Water Level			Pass/Fail	Pass/Fail		
12/28/21	70 2150	70 yes	70 2200 300 JP 12/28/21	70 1175	Pass	Pass	Changed Nitrogen tank. entry made on 12/29/21. changed air tank, -JP 12/29/21	JP
12/30/21	70 2100	70 yes	70 2100	70 1100	Pass	Pass		JR

Signature: _____

J. White

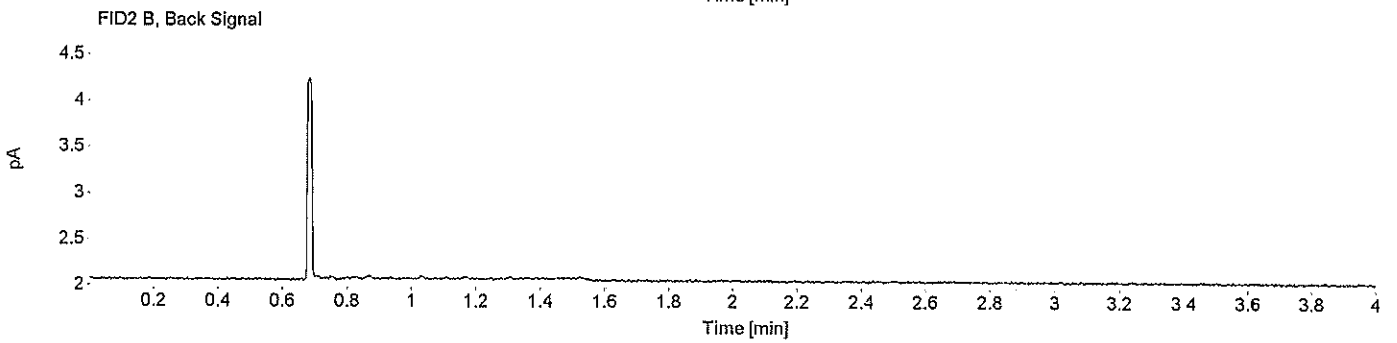
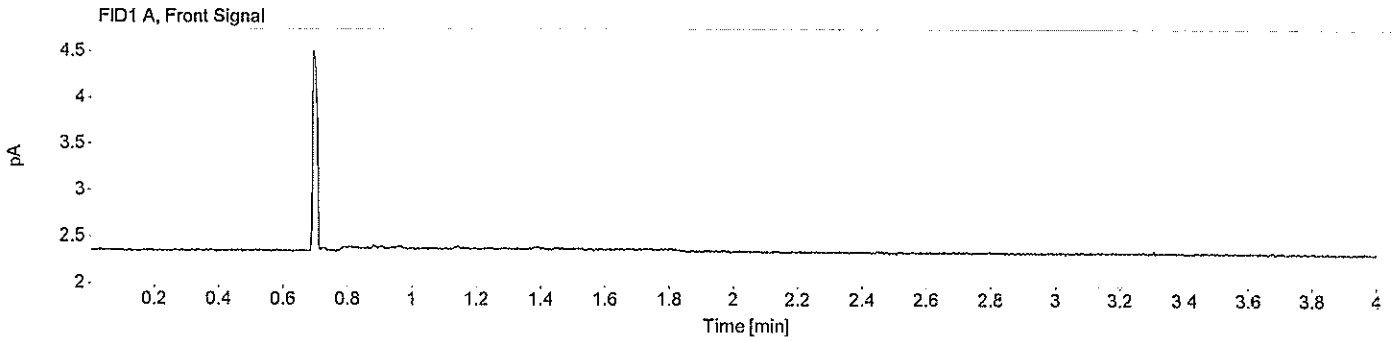
Date Completed: _____

1/4/2022

Houston Forensic Science Center, Inc.
Comparative and Analytical Division - Toxicology
Volatiles Analysis Chromatograms



Sample Name: Air Control Description Vial Number: 1
Instrument: Headspace 2 Acq. Method: ALC.M Injection Date: 12/30/2021 8:31:29 AM
Data File: C:\Chem32\1\Data\ALC_20211230_TEST 2021-12-30 08-22-27\001F0101.D

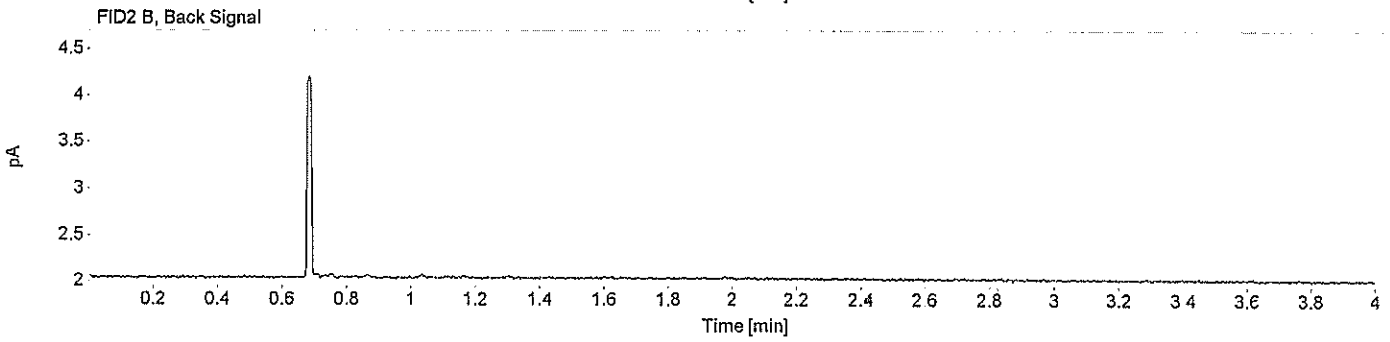
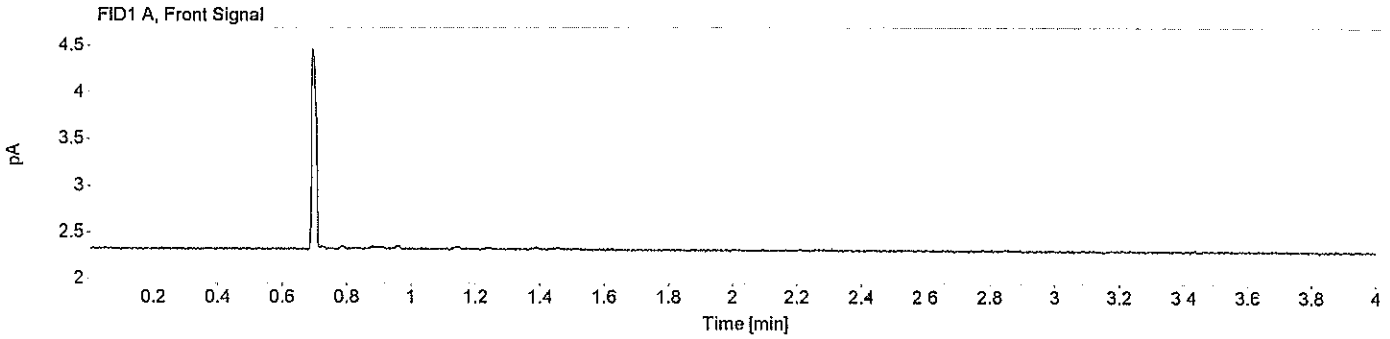


JR

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Volatiles Analysis Chromatograms



Sample Name: Air Control Description: Vial Number: 2
Instrument: Headspace 2 Acq. Method: ALC.M Injection Date: 12/30/2021 8:35:59 AM
Data File: C:\Chem32\1\Data\ALC_20211230_TEST 2021-12-30 08-22-27\002F0201.D

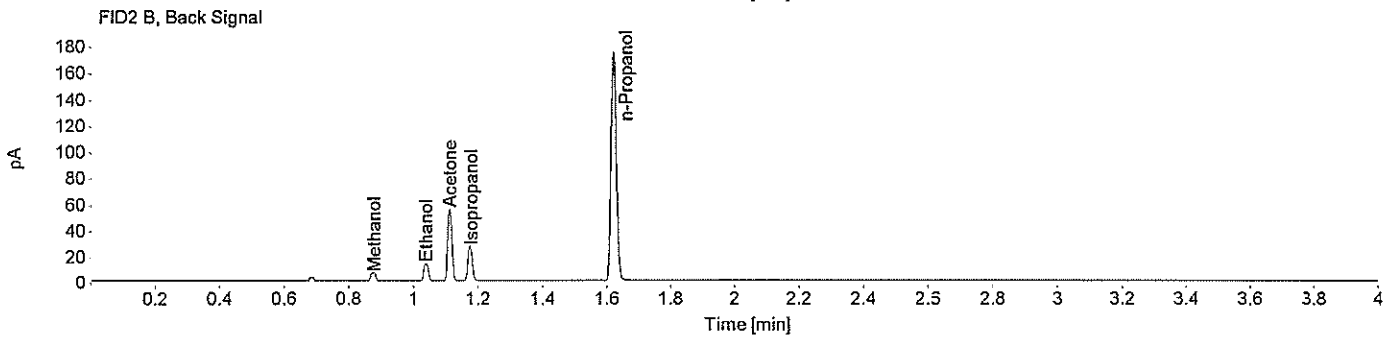
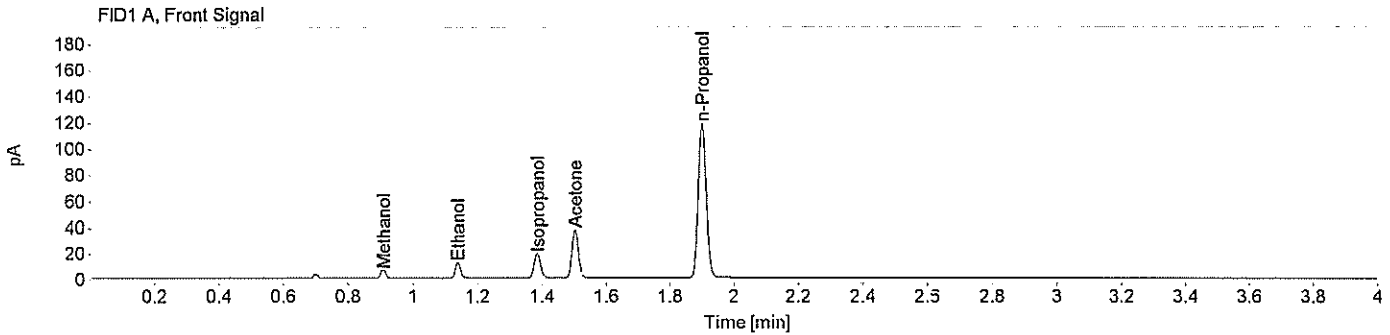


JR

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 Volatiles Analysis Chromatograms



Sample Name: SS Description: Lot: FN02242010 Vial Number: 3
 Instrument: Headspace 2 Acq. Method: ALC.M Injection Date: 12/30/2021 8:41 51 AM
 Data File: C:\Chem32\1\Data\ALC_20211230_TEST 2021-12-30 08-22-27\003F0301.D



Name FID1A

Compound	Peak Symmetry	Peak to Valley Ratio	RT [min]	Expected RT [min]	Area	Concentration [g/100 mL]
Methanol	1.05430		0.908	0.908	6.4629	0.0114
Ethanol	0.88189		1.139	1.139	13.2717	0.0117
Isopropanol	0.89055		1.386	1.386	25.6256	0.0102
Acetone	0.90568		1.504	1.503	51.0663	0.0108
n-Propanol	0.90702		1.900	1.901	204.5195	0.0100

Name FID2B

Compound	Peak Symmetry	Peak to Valley Ratio	RT [min]	Expected RT [min]	Area	Concentration [g/100 mL]
Methanol	1.30774		0.877	0.879	6.4907	0.0113
Ethanol	0.91125		1.039	1.041	13.2473	0.0116
Acetone	0.92671	957.137729520936	1.113	1.115	50.5870	0.0107
Isopropanol	0.89324	462.544111439234	1.175	1.180	25.6461	0.0102
n-Propanol	0.95960		1.623	1.629	203.2798	0.0100

JR