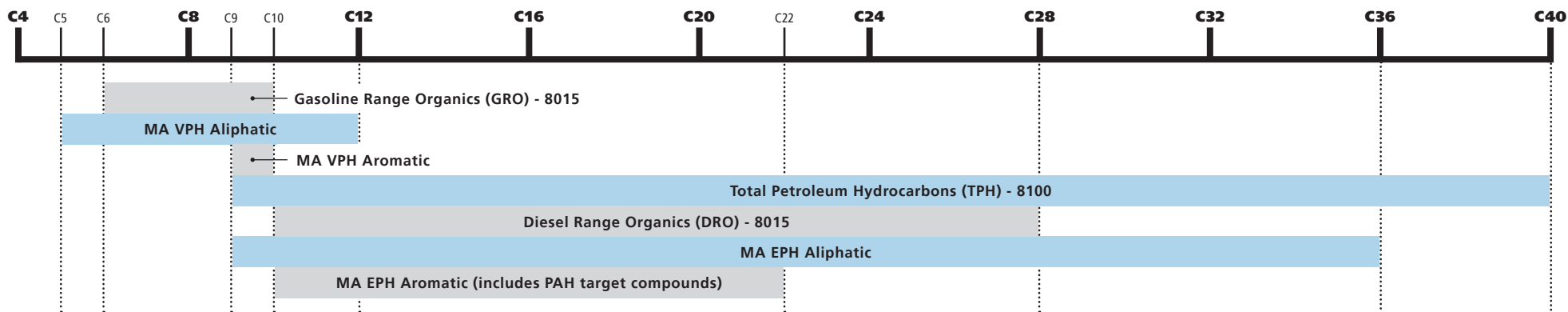


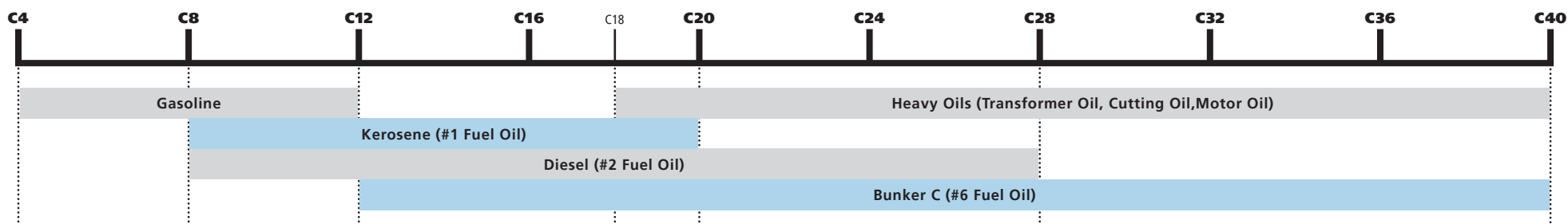
# HYDROCARBON SPECTRUM ANALYSES

Hydrocarbons are an enormous group of compounds which contain the elements hydrogen and carbon. The various gas chromatographic systems at Eastern Analytical, Inc. are capable of measuring compounds containing as many as 40 carbon atoms per molecule. The C5-C40 range is represented on this chart.

## EASTERN ANALYTICAL, INC. HYDROCARBON ANALYSIS



## HYDROCARBON SPECTRUM



◀◀ VOLATILE / SMALLEST MOLECULAR WEIGHT

▶▶ NON-VOLATILE / LARGEST MOLECULAR WEIGHT

METHOD	ANALYTES	PROCEDURE – DETECTOR
<b>VOLATILE ORGANIC COMPOUNDS</b> 8015 (mod.) MA VPH	Volatile Hydrocarbons (GRO) Volatile Petroleum Hydrocarbons Aliphatic, Aromatic, Target Compounds	Purge & Trap — GC/FID Purge & Trap — GC/FID, GC/PID
<b>SEMI-VOLATILE ORGANIC COMPOUNDS</b> 8100 (mod.) 8015 MA EPH	Extractable Hydrocarbons (TPH) Extractable Hydrocarbons (DRO) Extractable Petroleum Hydrocarbons Aliphatic, Aromatic, PAH Target Compounds	Solvent Extraction — GC/FID Solvent Extraction — GC/FID Solvent Extraction — GC/MS

2017