

# Environmental & Agricultural GC Column Selection Guide



## Ensuring Optimal Method Performance

Because your application can have quite demanding requirements it is critical to choose a column that can provide the necessary resolution, inertness, and stability.

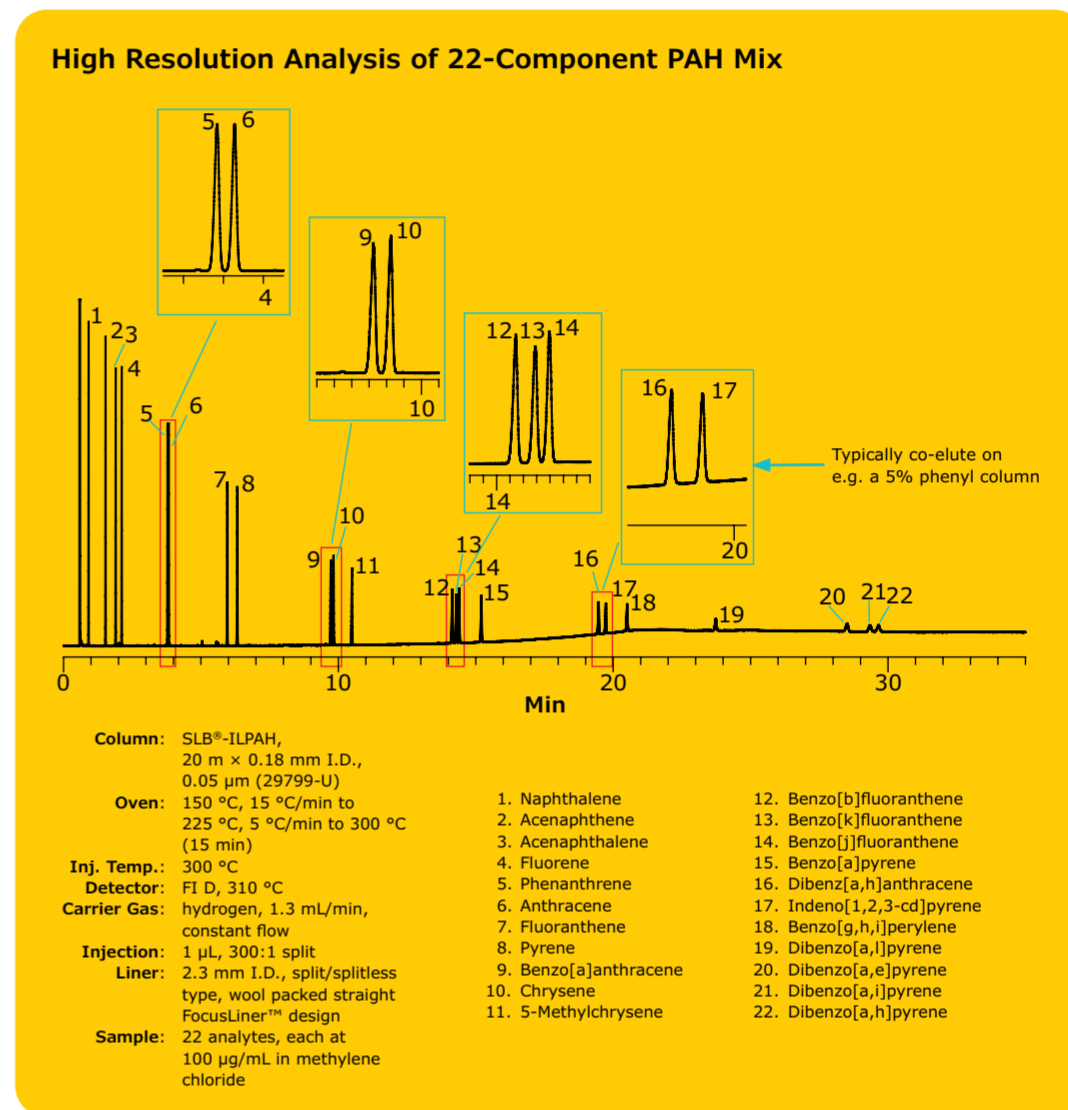
We have developed the most extensive line of special purpose columns designed for industry specific applications.

These columns are manufactured to deliver high resolution, great analyte response, low bleed, and long column life to achieve the analytical performance you require.

Let's find the right column for your process.

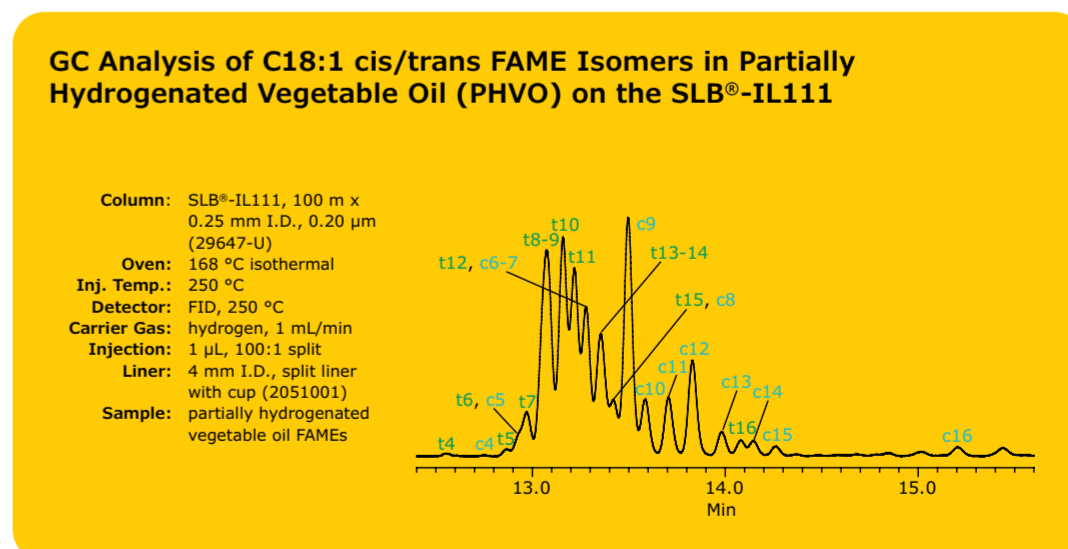
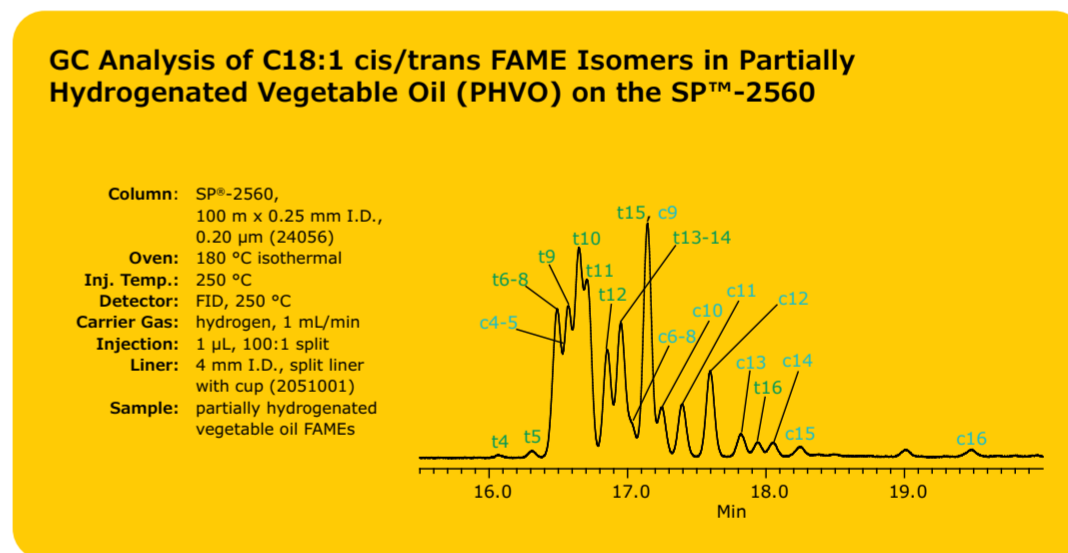
## Environmental Industry

	SPB®-Octyl	SLB®-5ms*	Equity®-5*	SPB®-624*	VOCOL®*	Equity®-1701*	SPB®-608	Sup-Herb™	SPB®-35	SPB®-50	SPB®-225	SPB®-1000	SLB®-IL59	SLB®-IL60i*	SLB®-IL82	SP®-2331*	SLB®-IL111i	Chiral	SLB®-ILPAH*	SLB®-PAHms*	
Volatiles by GC-MS				•	•																
Volatiles by GC				•	•																
Semivolatiles by GC-MS		•																			
Semivolatiles by GC**		•	•			•	•	•	•	•									•		
Fuels (GRO, DRO, TPH)		•	•	•	•																
Dioxins by GC-HRMS		•									•					•					
PCBs by GC-HRMS	•	•												•	•		•				
PBDEs by GC-MS		•																			
PAHs by GC or GC-MS		•																	•	•	
Oil Spill Dispersants												•									
Odor Compounds (Geosmin, 2-MIB)		•																			



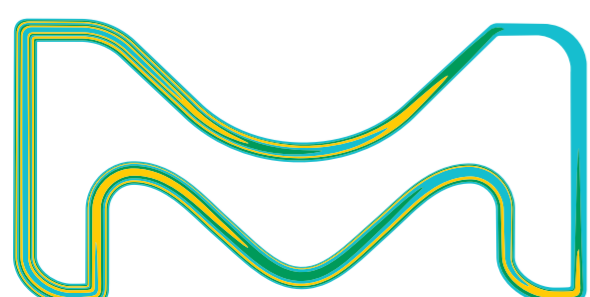
## Agriculture Industry

	Equity®-1*	SLB®-5ms*	SAC™-5	Equity®-1701*	SPB®-608	SPB®-225	SPB®-PUFA	Nukol™	SPB®-1000	Omegawax®	SUPELCOWAX® 10*	SLB®-IL59	SLB®-ILPAH*	SLB®-PAHms*	SLB®-IL60i*	SP®-2331*	SP®-2380	SP®-2560	SLB®-IL111i	Chiral	Watercol™ 1910*
Edible Oils		•	•							•		•			•	•	•	•	•		
Free Fatty Acids								•	•												
FAMES by Boiling Point Elution	•	•	•																		
FAMES by Degree of Unsaturation							•		•		•				•						
Omega 3 and Omega 6 FAMES							•		•		•				•	•	•	•	•		
cis/trans FAME Isomers															•	•	•	•	•		
Pesticides		•		•	•																•
Dioxins		•			•											•					
Flavors and Fragrances, Aroma	•	•								•					•				•	•	
Moisture Analysis																					•
PAHs													•	•							



\* Indicated columns are available in Intuvo format

\*\* Includes: organochlorine pesticides, PCBs as Aroclors, herbicides, organophosphorous pesticides, nitrosamines, phenols, phthalate esters, haloacetic acids, disinfection by-products and solvents, and PAHs.



The life science business of Merck operates as MilliporeSigma in the U.S. and Canada.