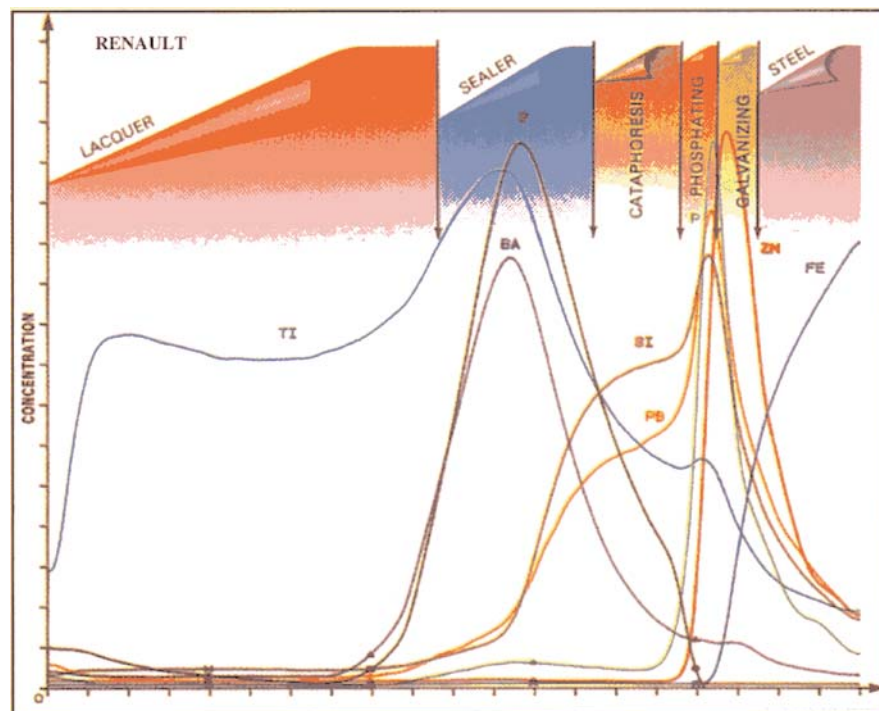


Automotive: Analysis of car bodies

Car bodies feature a succession of various coatings (typically varnish, paint, sealer, cathaphoresis, phosphatation, Zn coating, steel from top surface to core). Quantitative depth profile methods have been so far applied to the steel, the Zn coatings, the phosphatation and the non conductive cathaphoresis coatings.

Methods are now being set up for the sealers (Organic coating containing BaS) and for the paints. They have required special developments which are exclusive to JY.



Key points : GD is extremely useful in car manufacturing. Originally developped at Renault for their internal purpose, RF GD is essential as many of the products are non conductive or include non conductive layers. Most european car manufacturers are equipped with RF-GD.

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