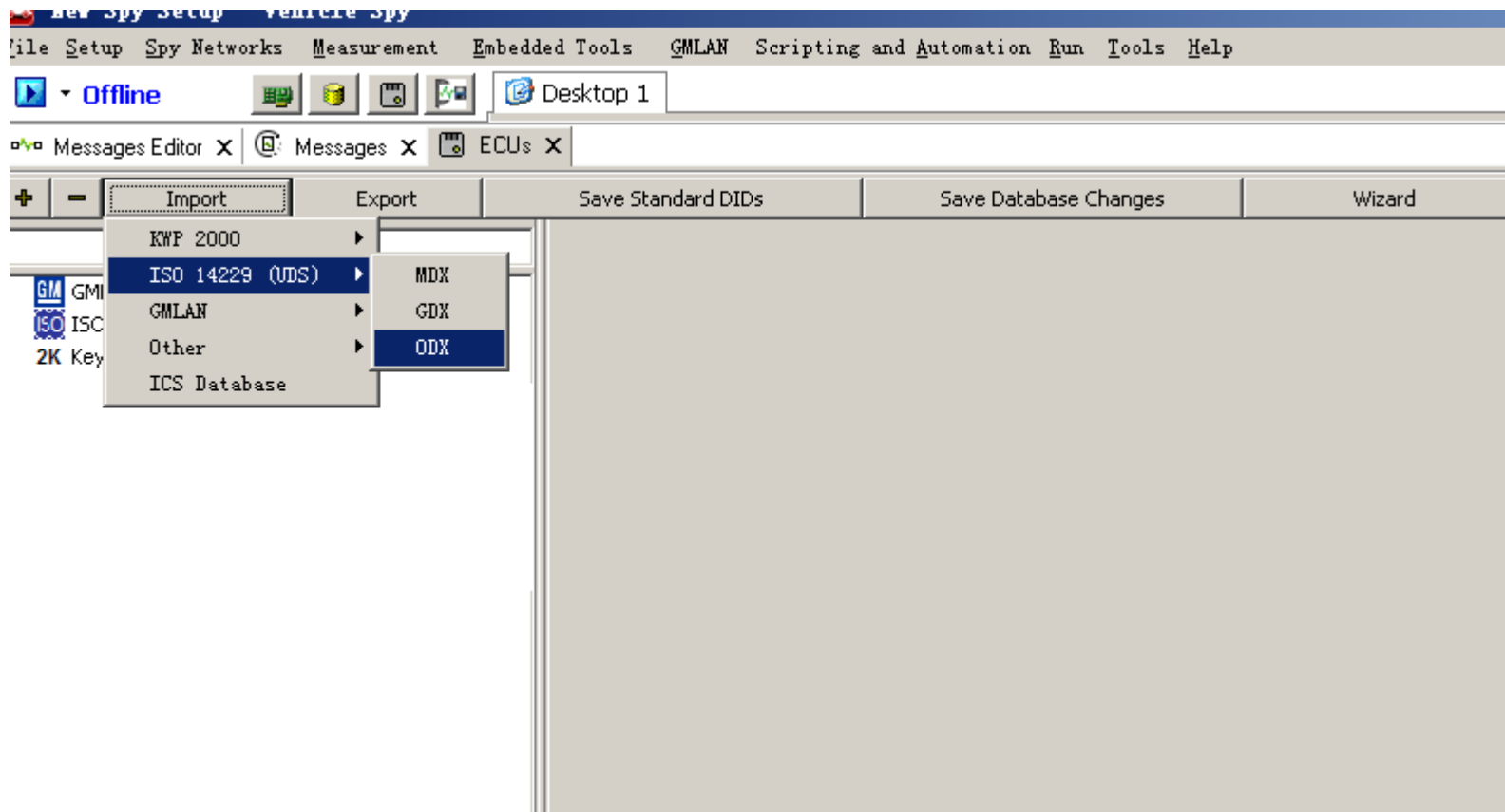
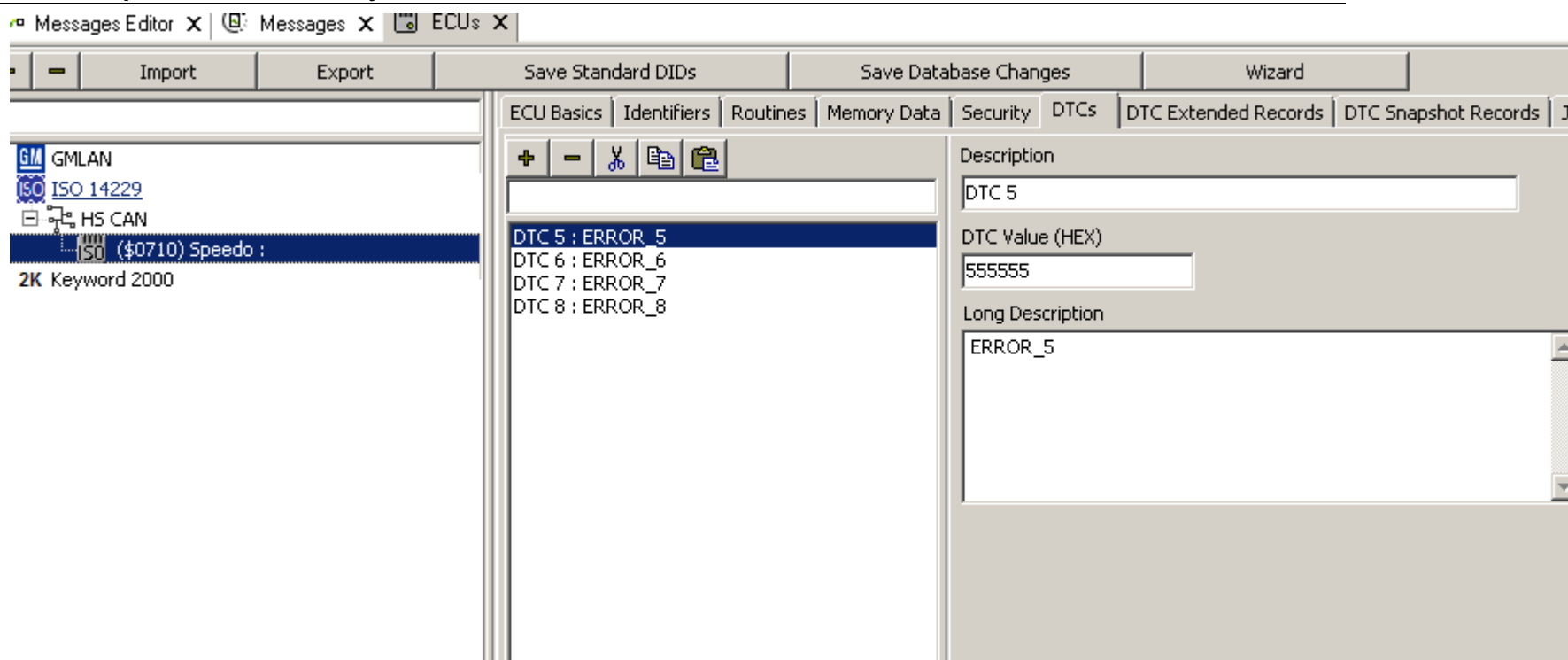




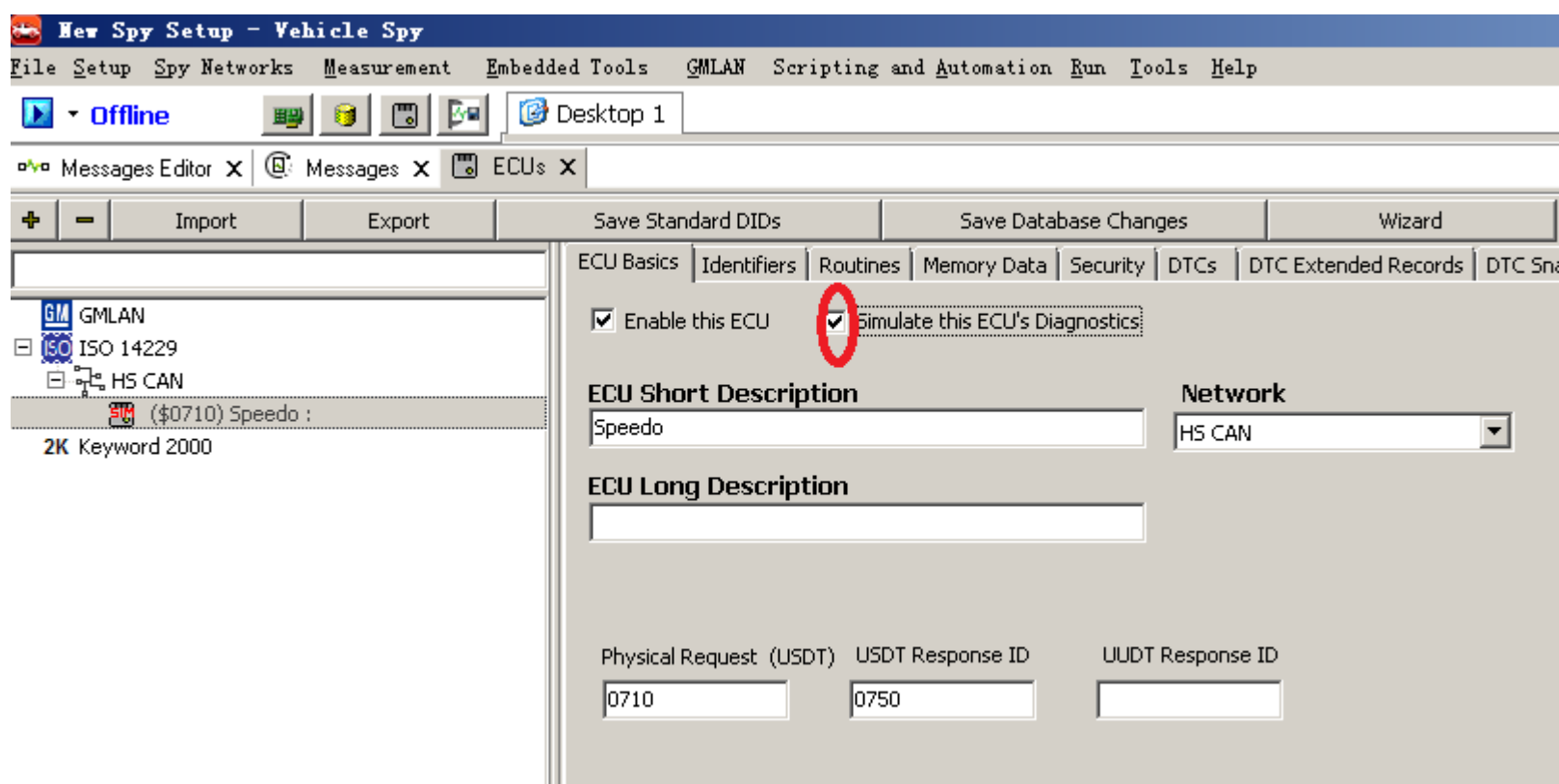
1. 拿到 Sim_IPCv1.1.zip_1 文件之后，您删除 zip_1 的 _1 解压缩， 然后如下界面导入：



2. 导入之后如下界面：



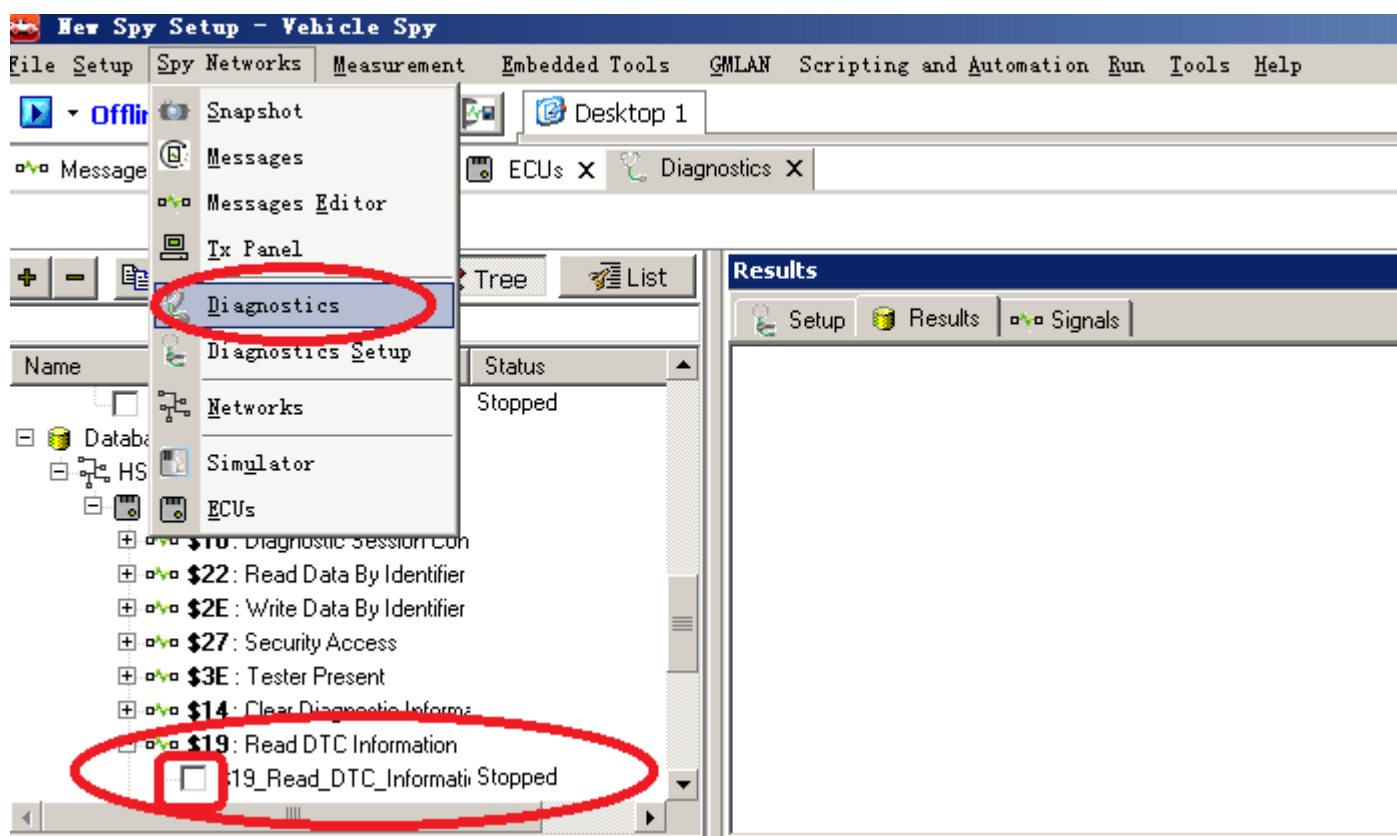
3. 在 ECU Basics 里的 “Simulate this ECU’s Diagnostics” 勾选，就可以模拟导入的这个 ECU 了。



4. 您尝试在这个界面上 Spy Networks -> Diagnostics 下面，直接勾选 19 前面的方框，就可以模拟发起诊断指令，并收到节点的回复：



5.



您就可以收到回复了，并返回了几个故障码：

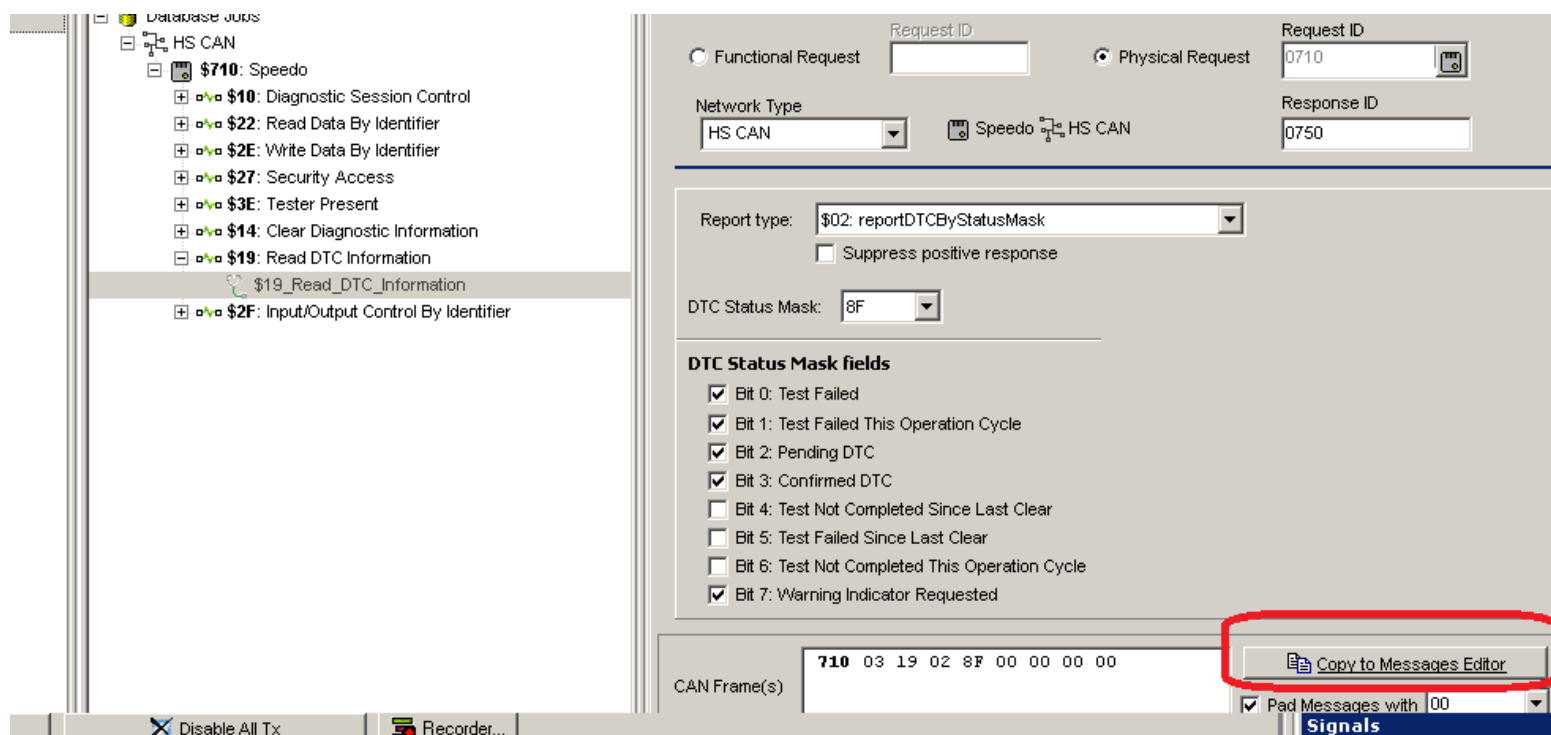


Message History

Line	Time	Tx	Er	Description	ArbId/Header	Len	DataBytes	Network	Node
1					710	3	03 19 02 8F 00 00 00 00	HS CAN	
2	10.000 ms			\$19_Read_DTC_Information ...750	750	8	10 13 59 02 FF 66 66 66	HS CAN	
3	1.000 ms			\$19_Read_DTC_Information ...750	750	8	21 02 77 77 77 02 66 66	HS CAN	
4	0 μs			\$19_Read_DTC_Information ...750	750	19	22 66 02 66 66 66 02	HS CAN	

另外，您的自动解析可以如下实现：

1. 在 ECU 的 Jobs 界面上, 直接将报文 copy to message editor:



2. 然后，在 Message Editor 的 Receive, 及 Transmit 界面上，您都看到您的诊断报文，

Key	Description	Type	Arb ID	Multi	DLC	B1	B2	B3	B4	B5	B6	B7	B8	Src Node	Tx Msg	Color
2	\$19_Read_DTC_Information RESPO	Any	750	ISO15765-2		59	02								None	

Key	Description	Type	Arb ID	Multi	DLC	B1	B2	B3	B4	B5	B6	B7	B8	Src Node	Color
out1	\$19_Read_DTC_Information REQUE	Std 11 bit	710	ISO15765-2		19	02	8F							

且 Receive 的 MultiFrame 已经自动设置如下了：



The screenshot shows the configuration interface for a CAN message filter. The main window is titled "Setup for \$19_Read_DTC_Information RESPONSE". The "Arb ID Multi" field is set to "ISO15765-2". The "Multi" field is set to "750". The "Multiframe Message" dropdown is set to "ISO15765-2". A "Multiframe Setup..." button is highlighted with a red box. On the right, the "Setup Multi Frame Rx" dialog is open, with the "Enabled" checkbox checked and the "Arbitration Identifier (hex)" field set to "710".

这时，您的发送，就会收到如下的长报文解析了。

The screenshot shows the software interface during a diagnostic session. The "Speedo" diagnostic session is active, showing various diagnostic trouble codes (DTCs) such as "DTC 8 : ERROR_8", "DTC 7 : ERROR_7", and "DTC 5 : ERROR_5". The "Message History" table at the bottom shows a sequence of messages. The last message is highlighted with a red box and contains the following data:

Line	Time	Tx	Er	Description	ArbId/Header	Len	DataBytes	Network	Node	ChangeCn
1					710	3	03 19 02 8F 00 00 00 00	HS CAN		
2	8.000 ms			\$19_Read_DTC_Information ...750	750	8	10 13 59 02 FF 88 88 88	HS CAN		
3	3.000 ms			\$19_Read_DTC_Information ...750	750	8	21 02 77 77 77 02 55 55	HS CAN		
4	0 μs			\$19_Read_DTC_Information ...750	750	19	22 55 02 55 55 55 02	HS CAN		

The highlighted message is a UDS message with the following data bytes: **UDST: 0000 : 59 02 FF 88 88 88 02 77 77 77 02 55 55 55 02 55 0010 : 55 55 02**

祝您工作愉快。