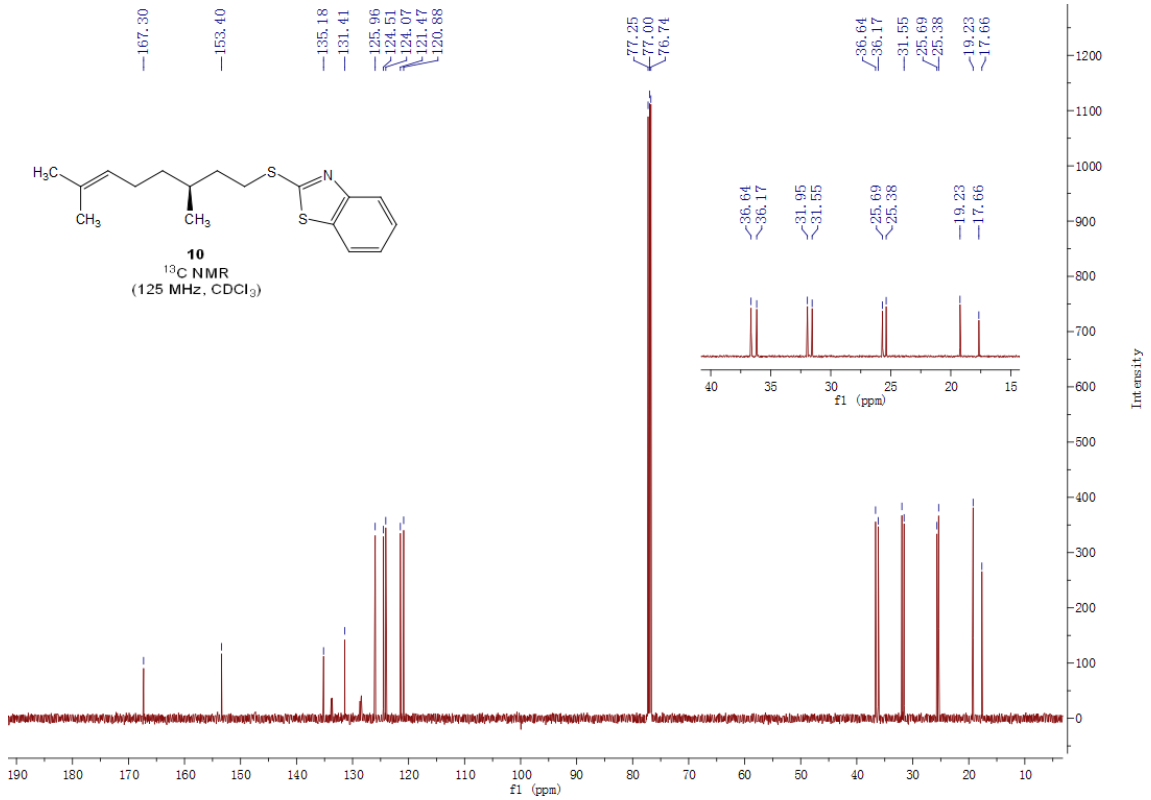
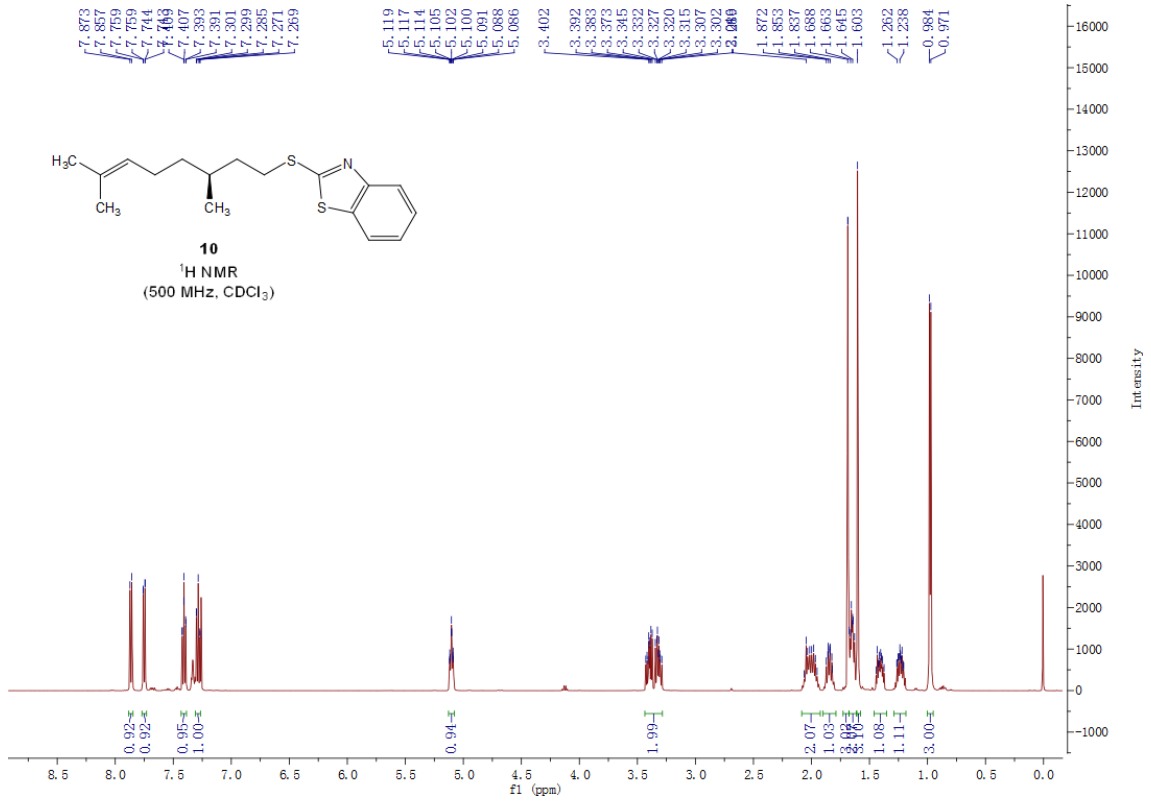


Supporting Information

Concise Asymmetric Synthesis of Sex Pheromone of the Tea Tussock Moth

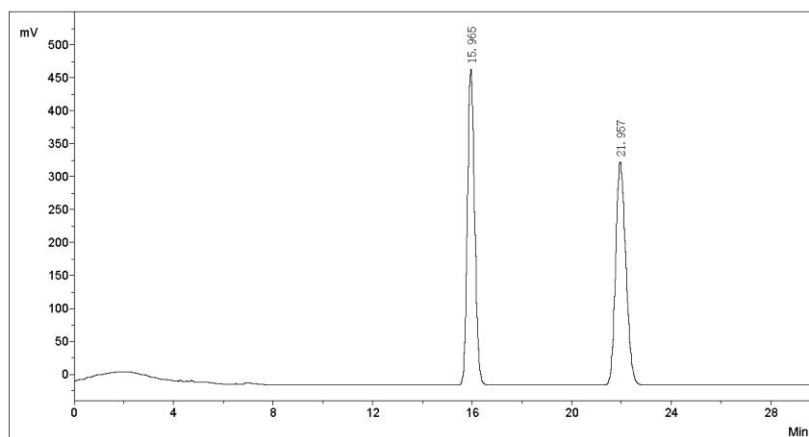
Zhi-Feng Sun, Lu-Nan Zhou, Yifei Meng, Tao Zhang, Zhen-Ting Du,* and
Huaji Zheng*



HPLC analysis: Daicel Chiralcel OD-H column; hexane/*i*-propanol = 99:1, 0.7 mL/min, $\lambda = 214$ nm;
 t_R (major) = 15.97 min, t_R (minor) = 22.29 min. 97% *ee*.

HPLC Report

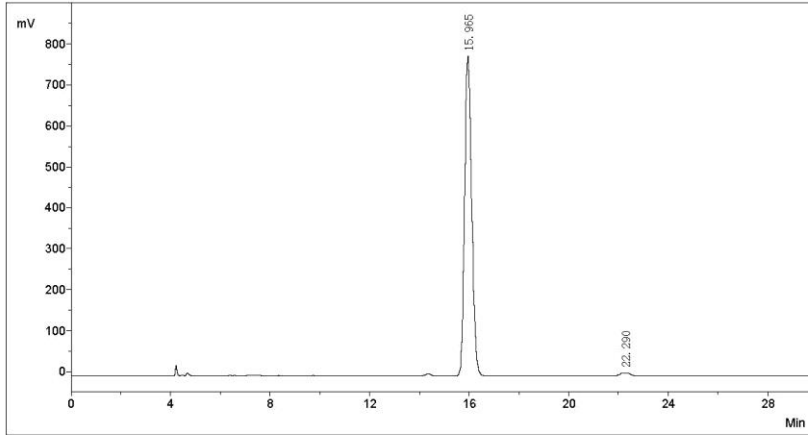
Sample Name: SZF-0819 +- OD-H 991 214 0.7 Recording Time: 2017.08.23 09:32



No.	PeakNo	ID. Name	R. Time	PeakHeight	PeakArea	Conc
1	1		15.965	479425.7	9696007.1	50.1400
2	2		21.957	338341.2	9641864.7	49.8600
Total				817766.9	19337871.8	100.0000
No.	IDName	Mi (ug)	MO (ug)	Gm (ug/m3)	Gc (mg/m3)	

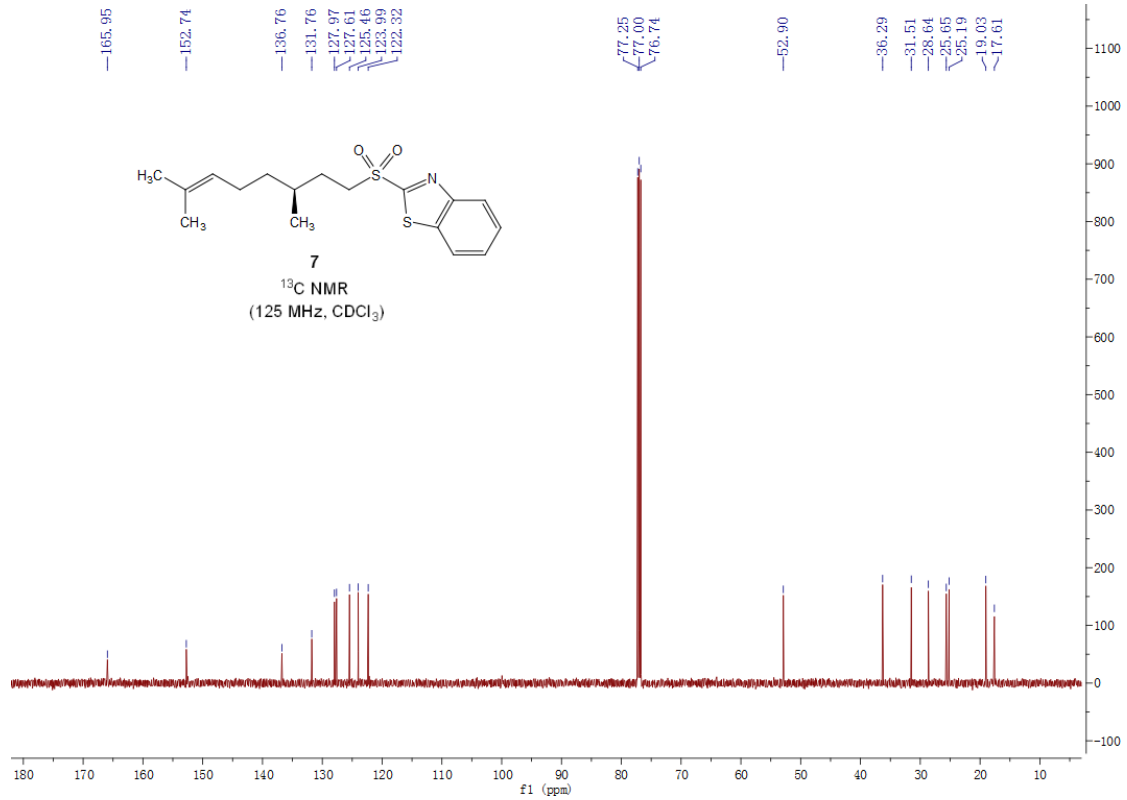
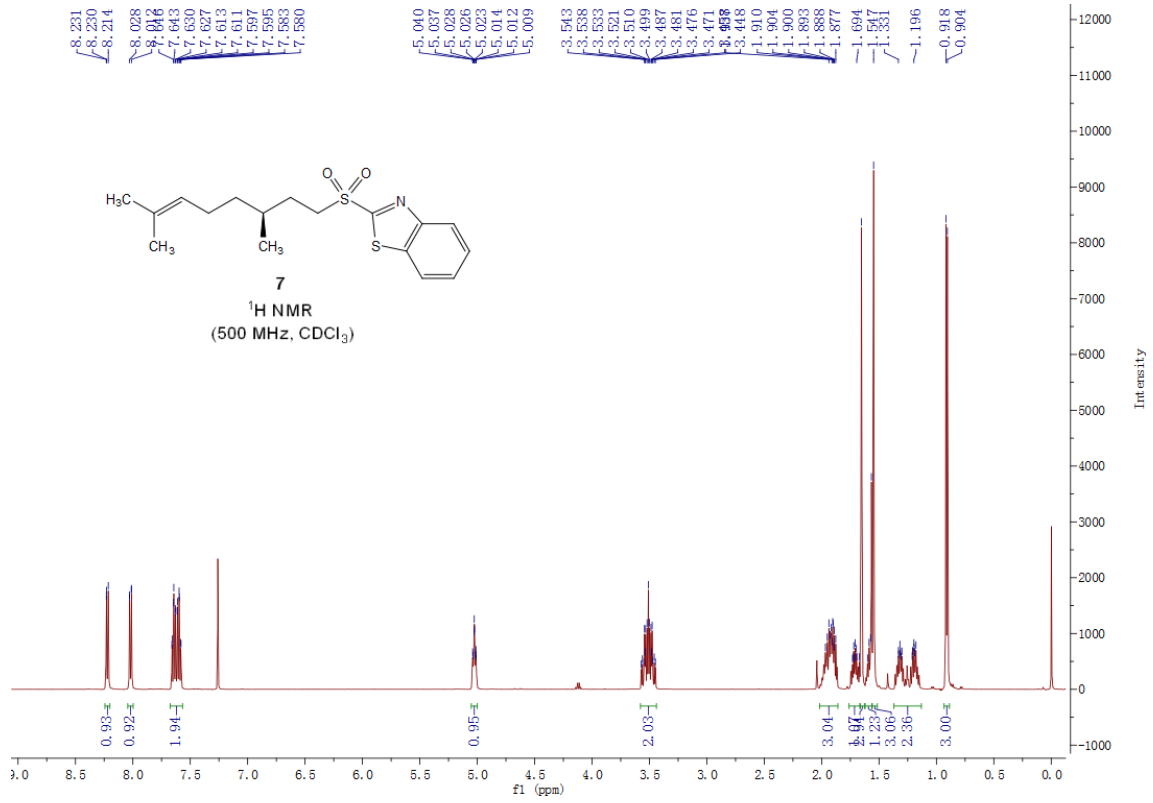
HPLC Report

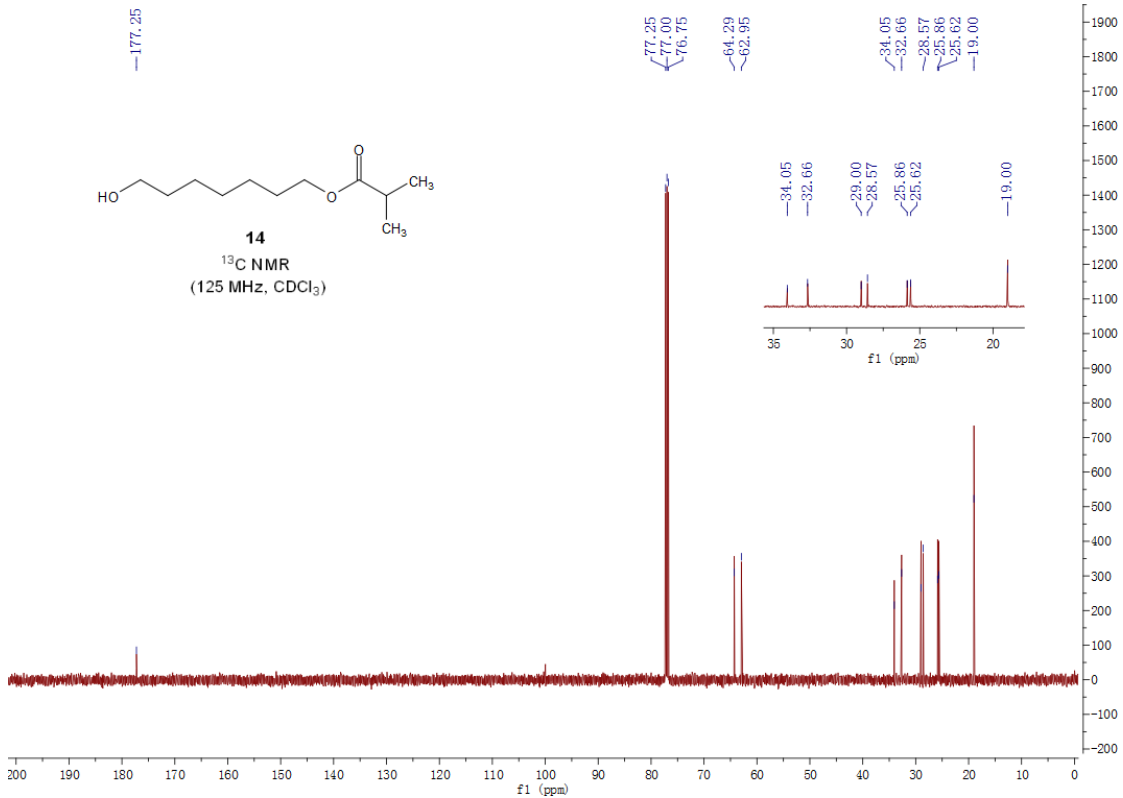
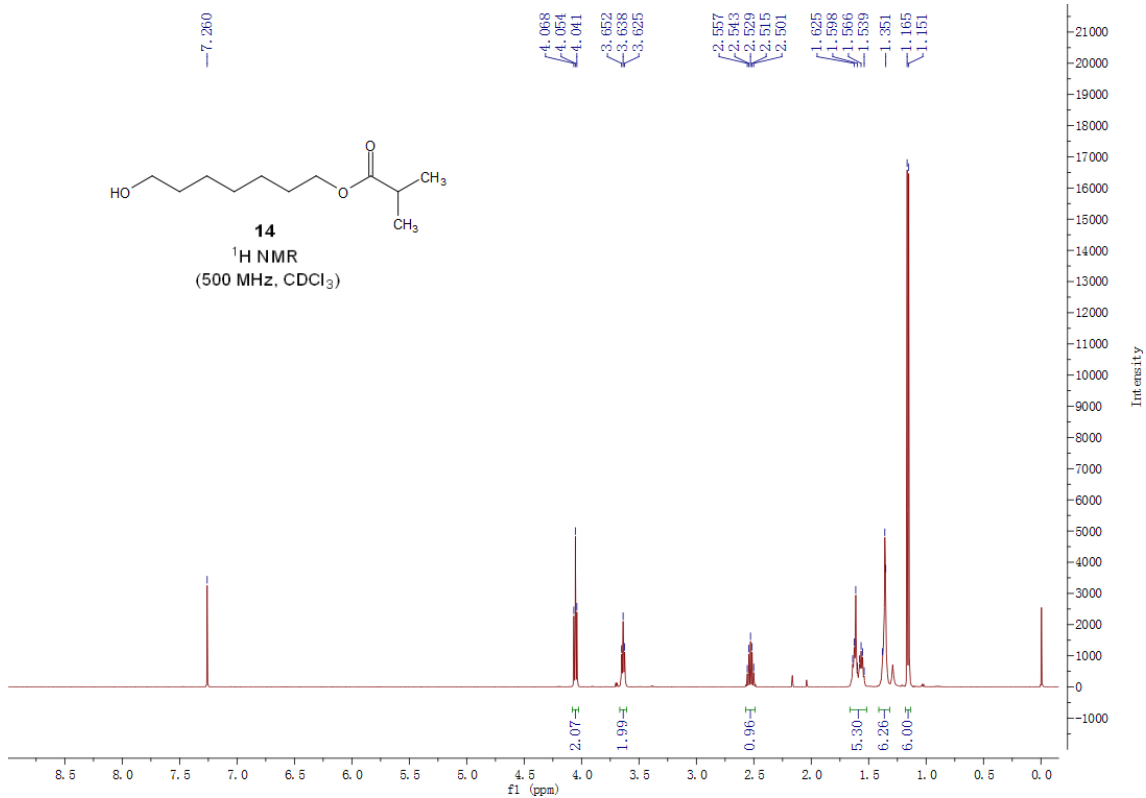
Sample Name:SZF-0819 chiral OD-H 991 214 0.7 Recording Time:2017.08.23 10:06

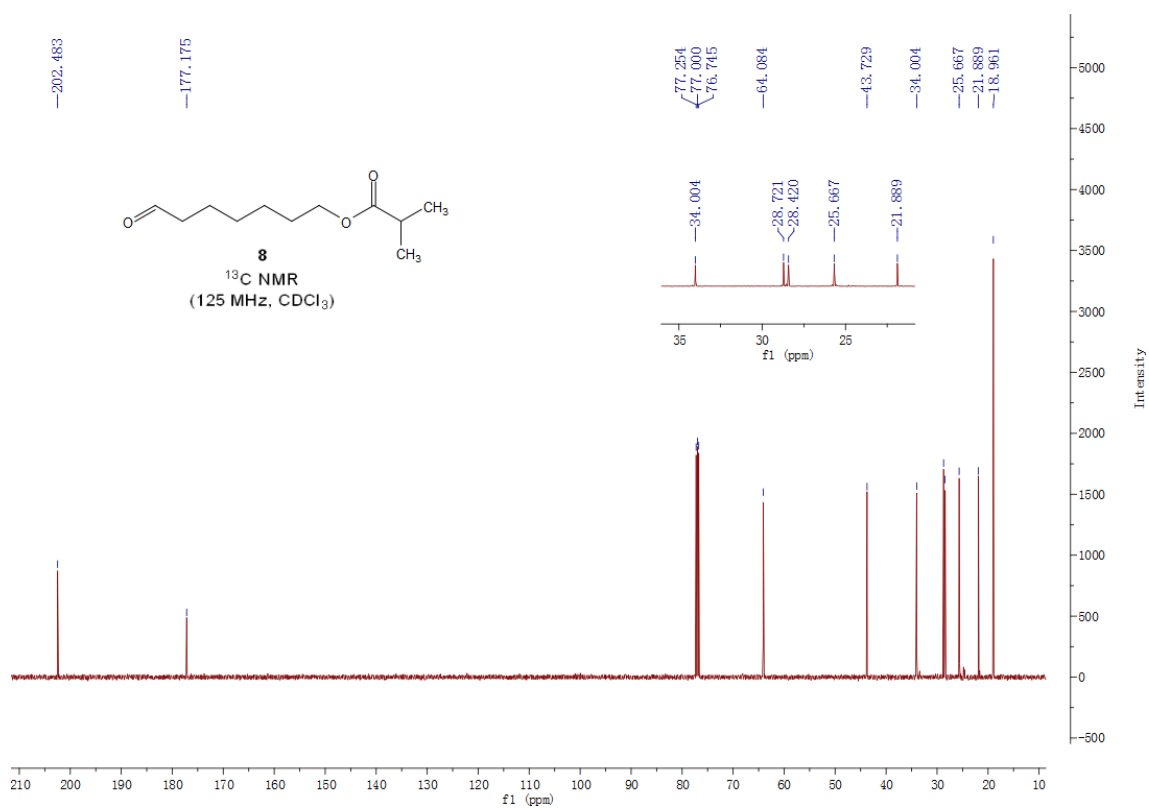
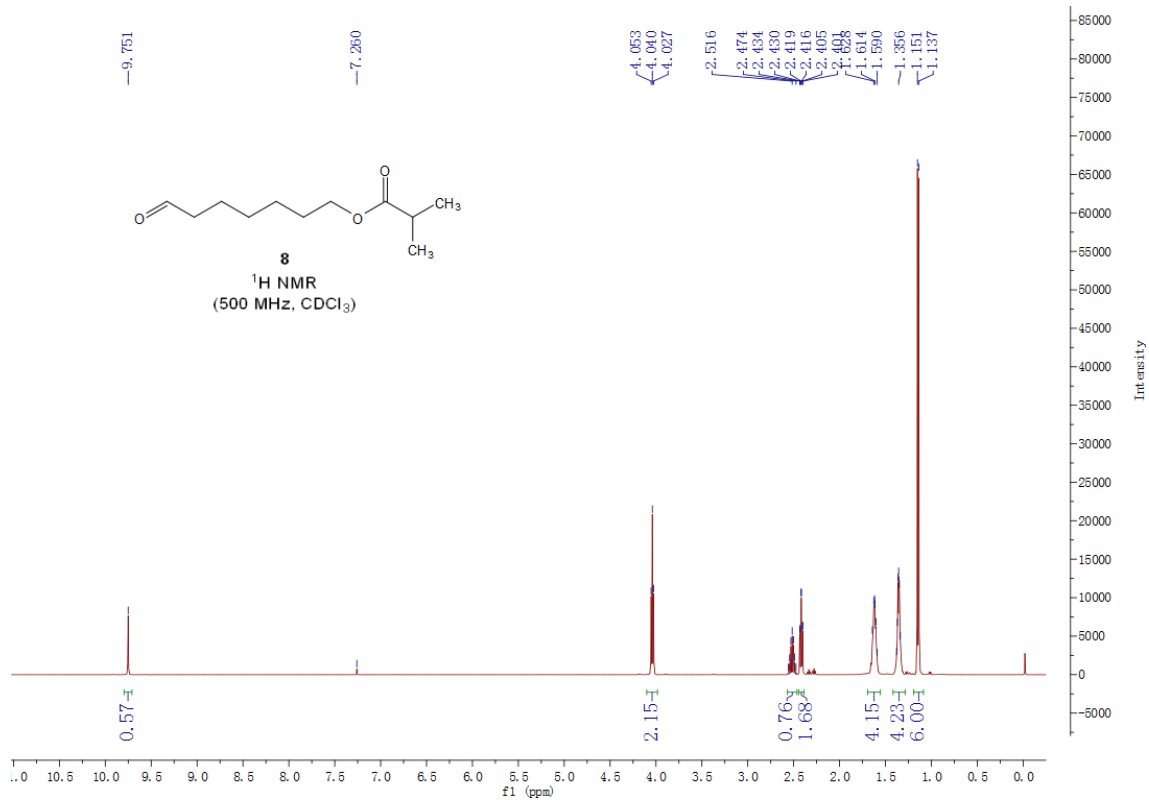


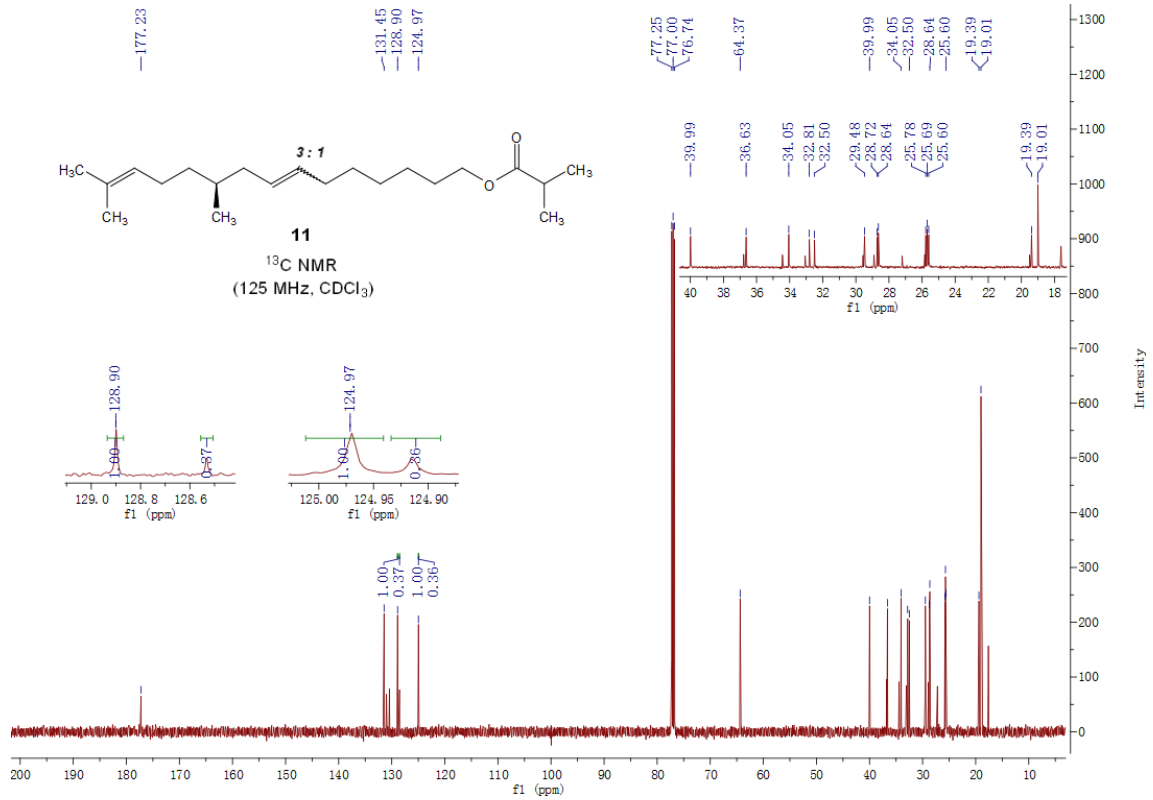
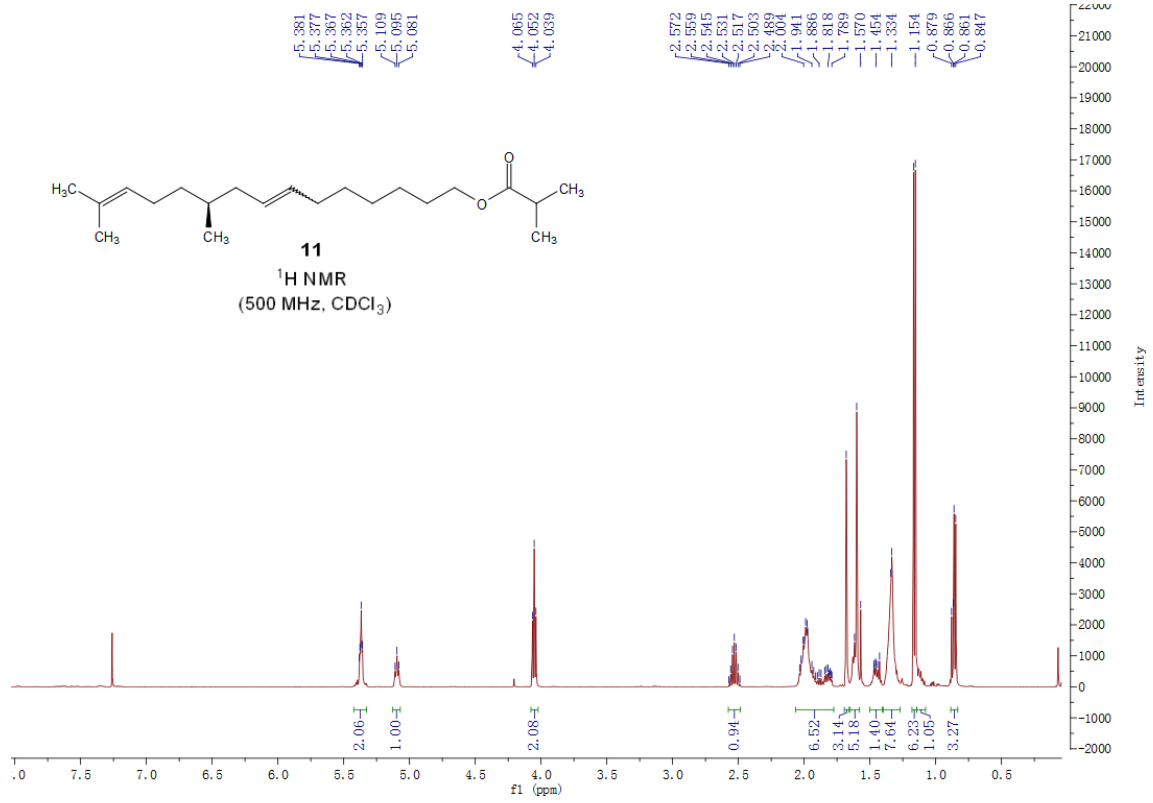
No.	PeakNo	ID.Name	R. Time	PeakHeight	PeakArea	Conc
1	1		15.965	780448.0	15495238.6	98.5901
2	2		22.290	7816.9	221587.9	1.4099
Total				788265.0	15716826.5	100.0000

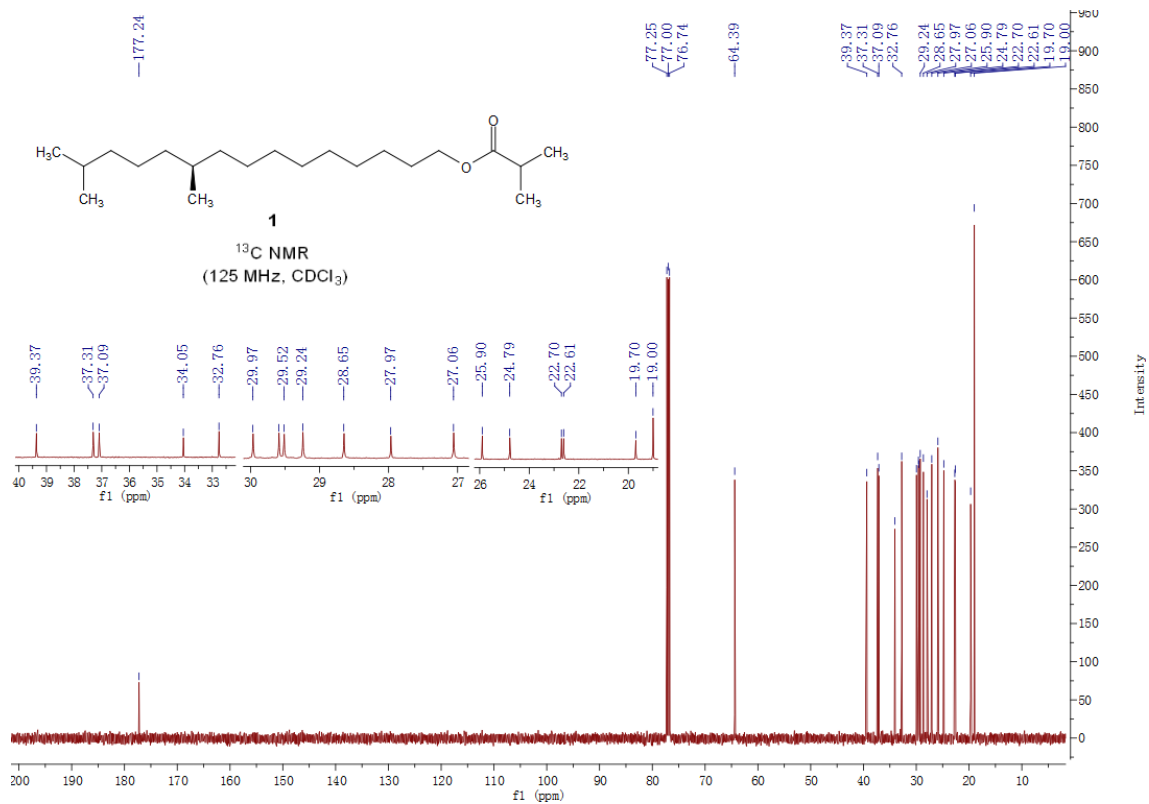
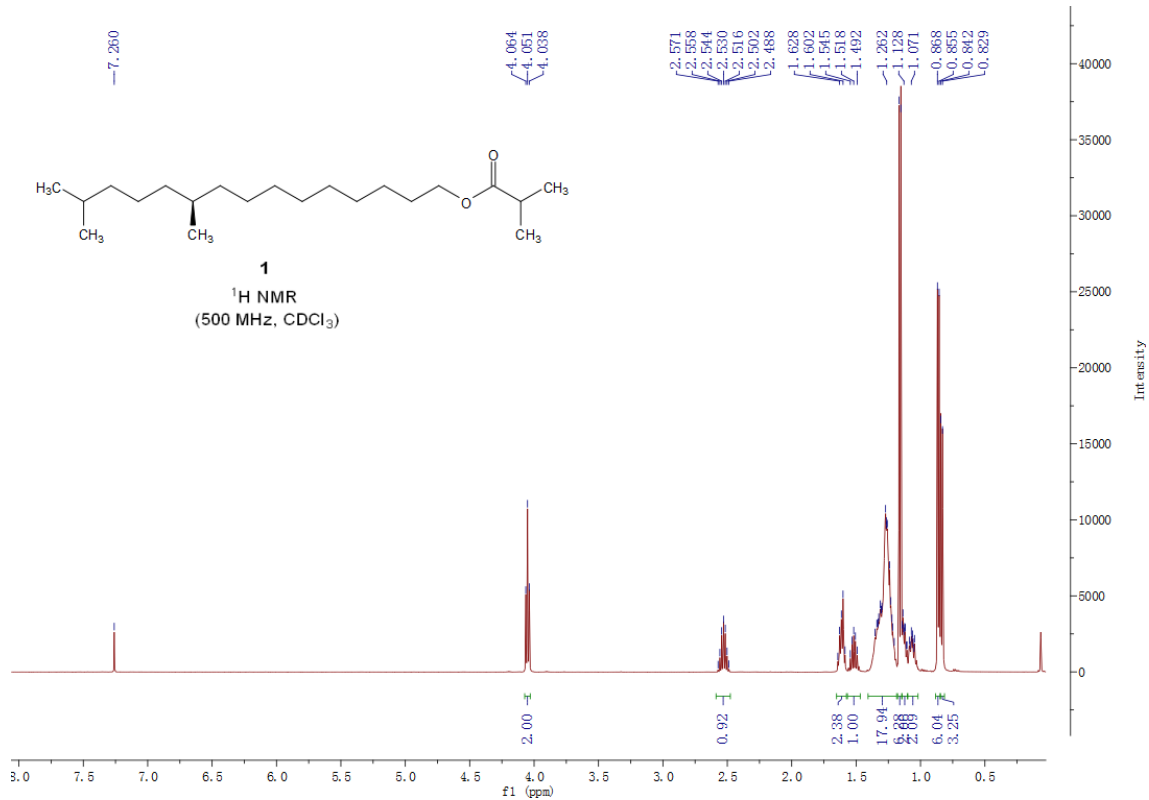
No.	IDName	Mi (ug)	MO (ug)	Cm (ug/m3)	Cc (mg/m3)

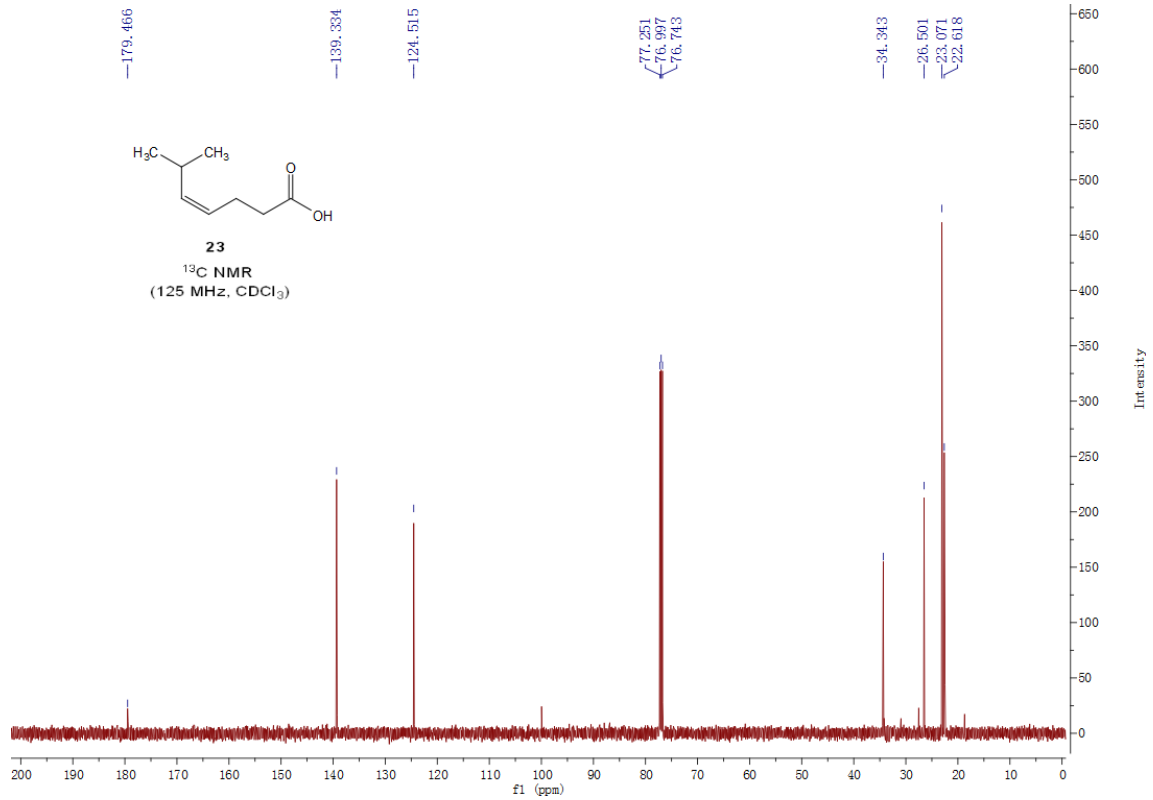
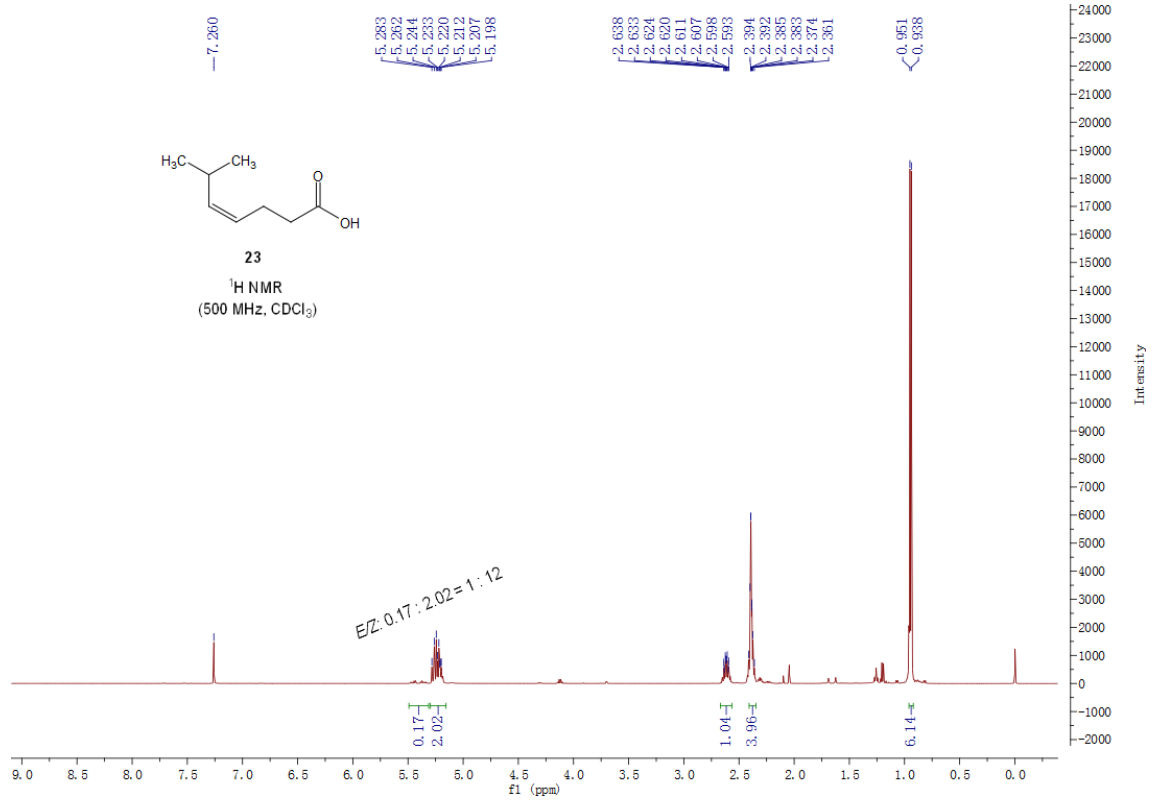


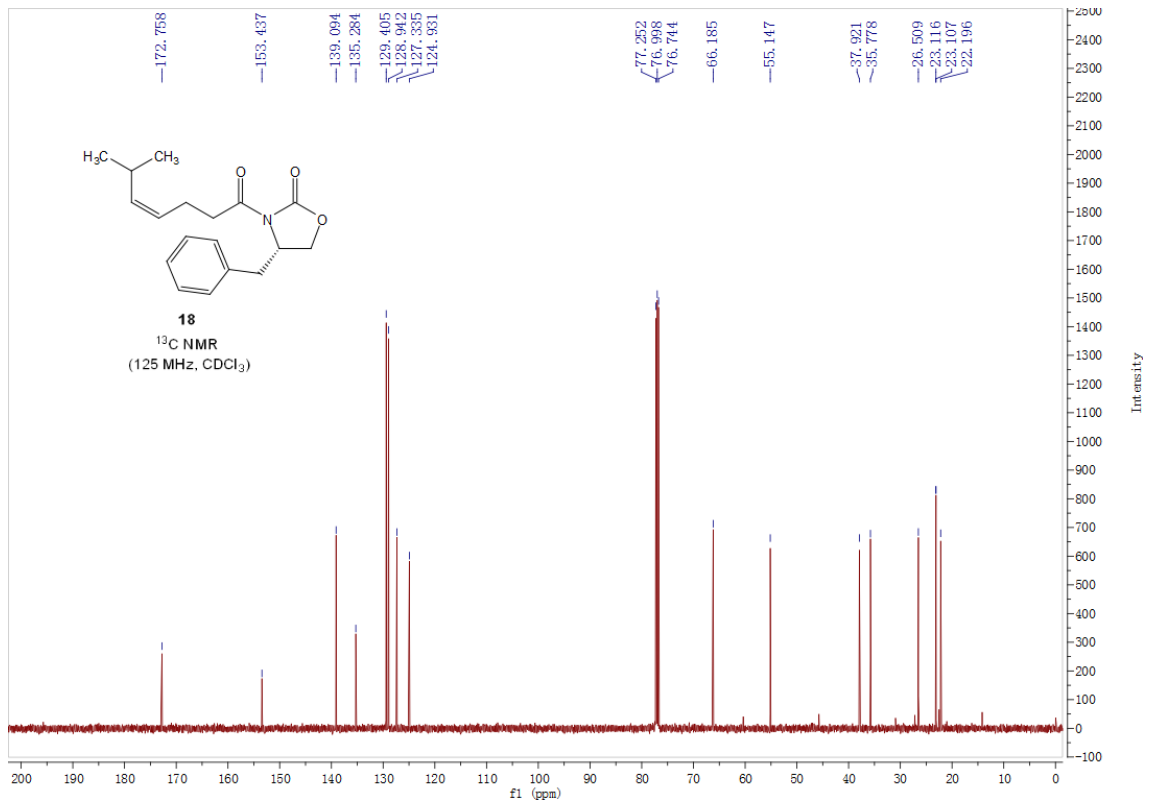
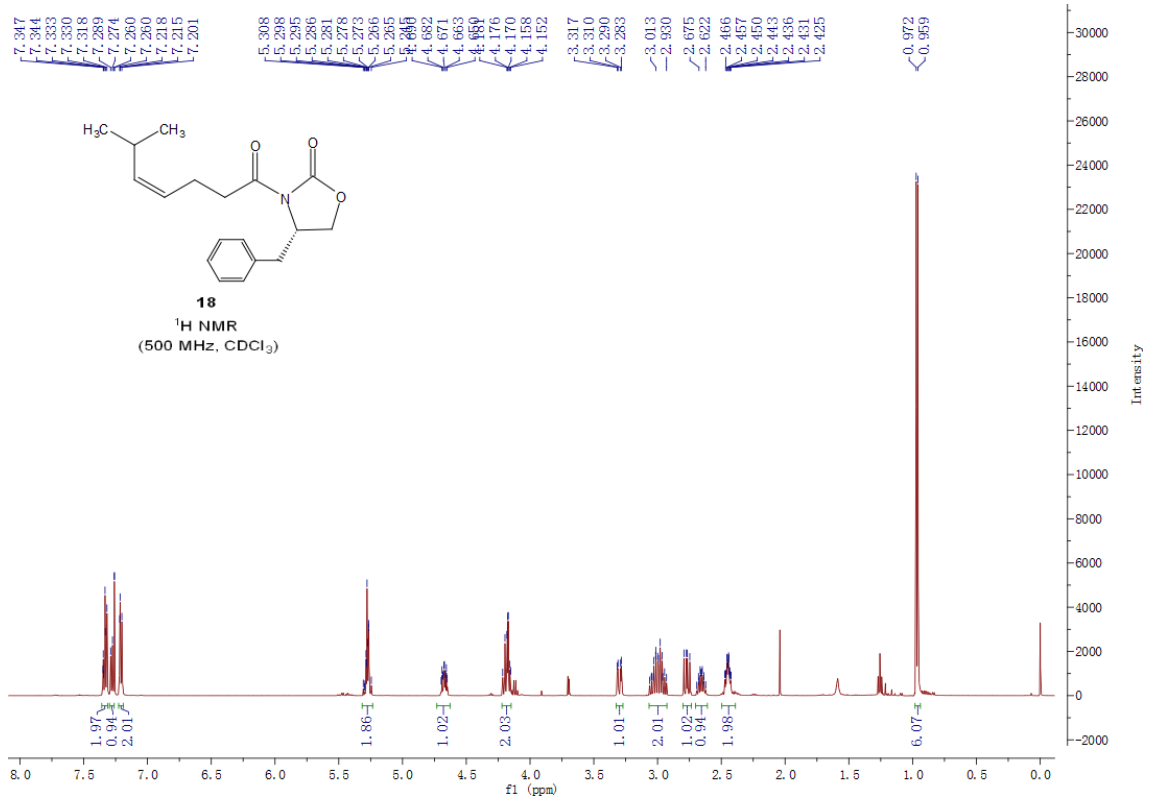


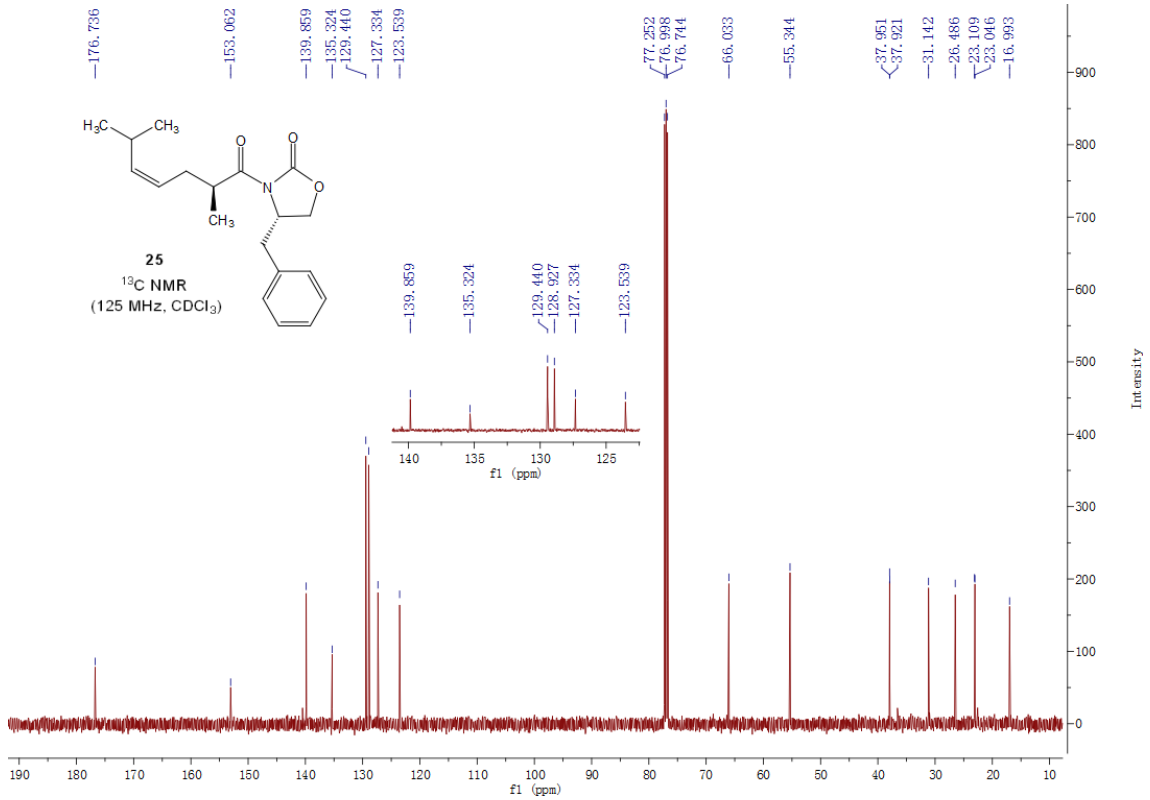
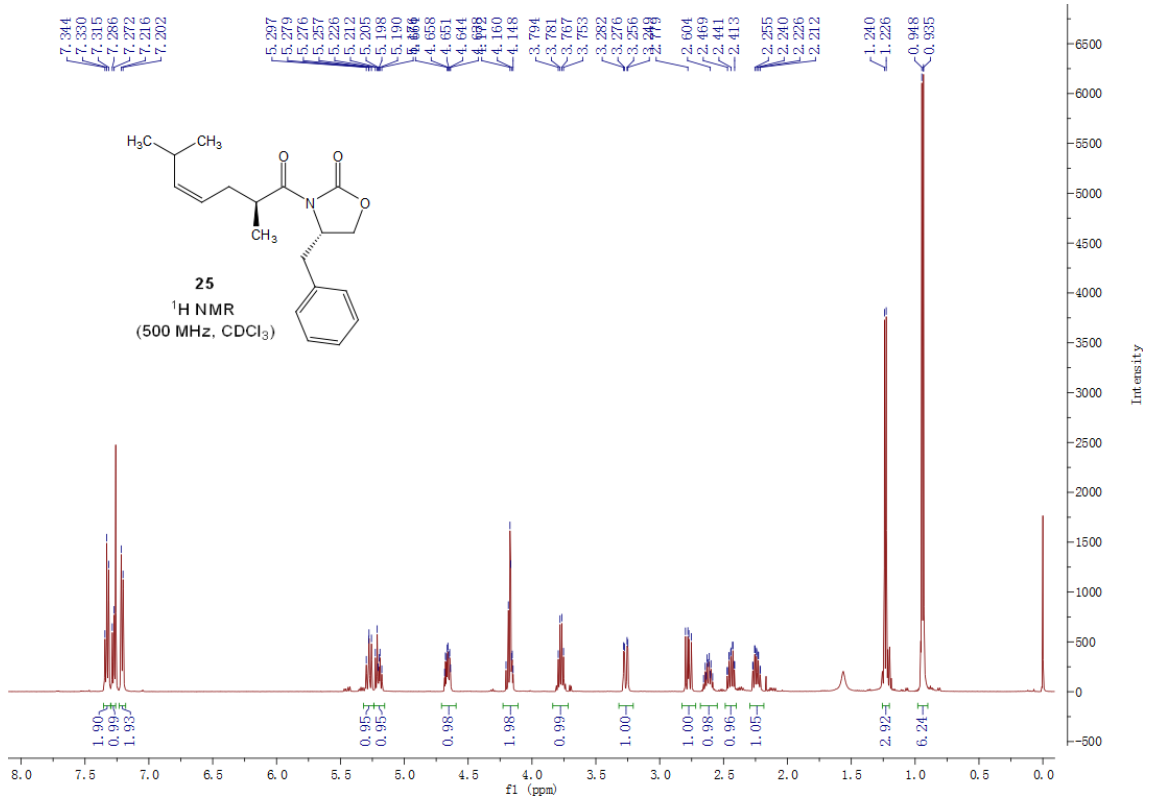


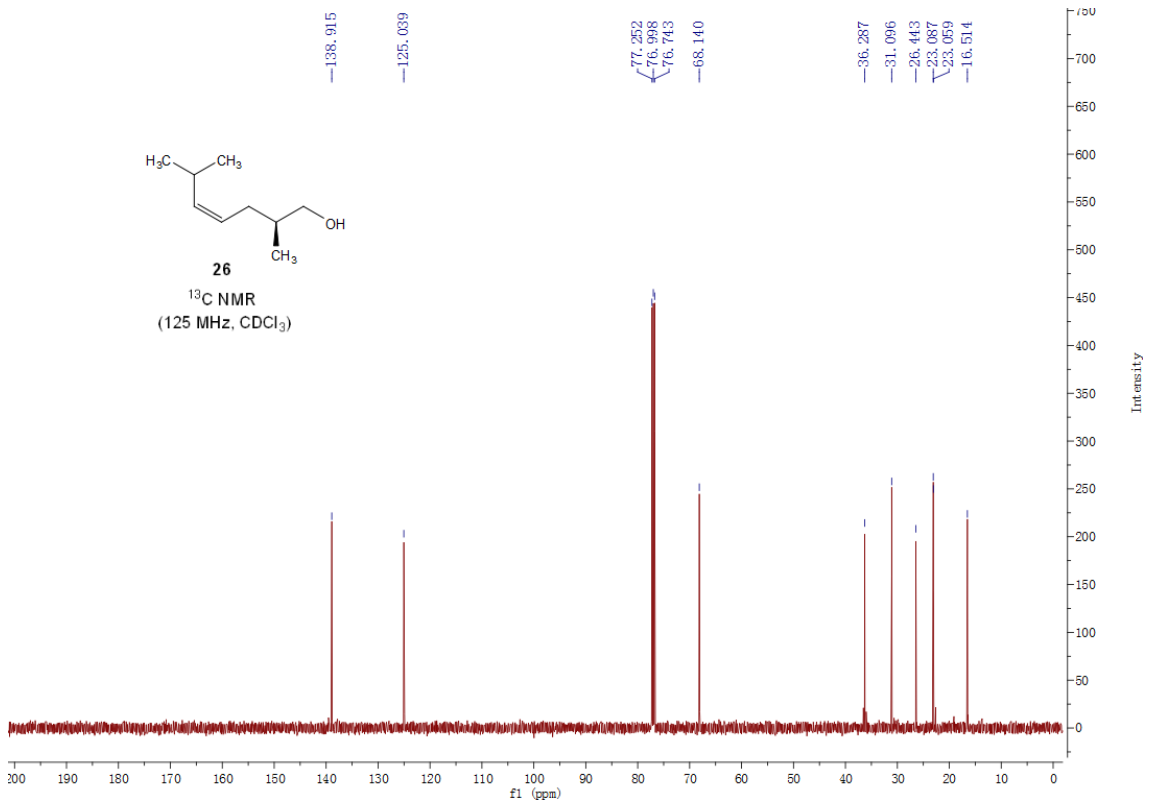
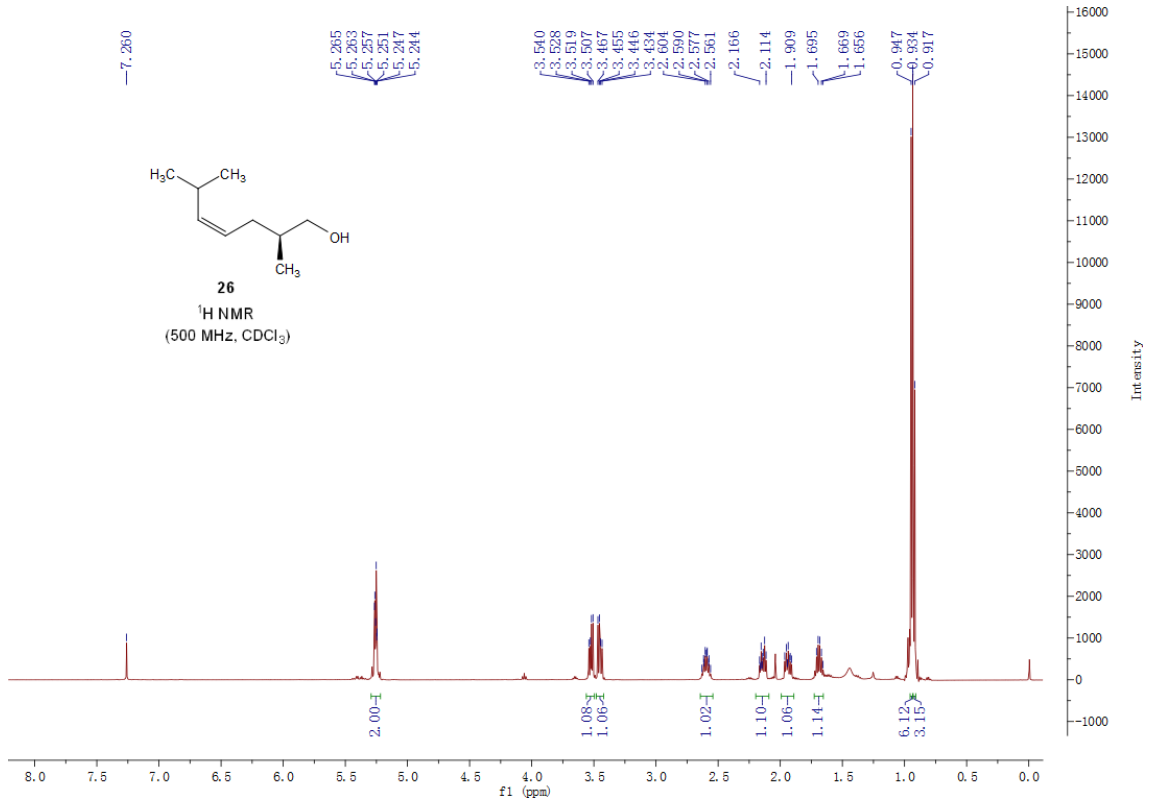


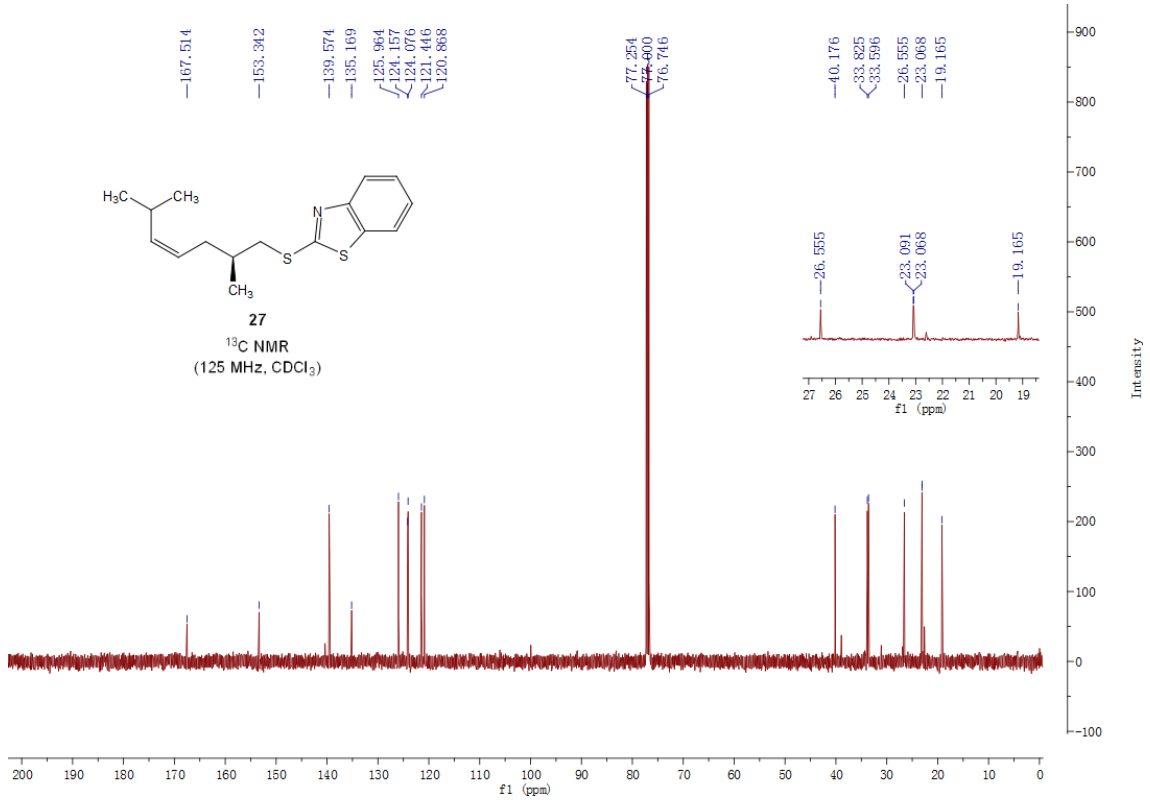
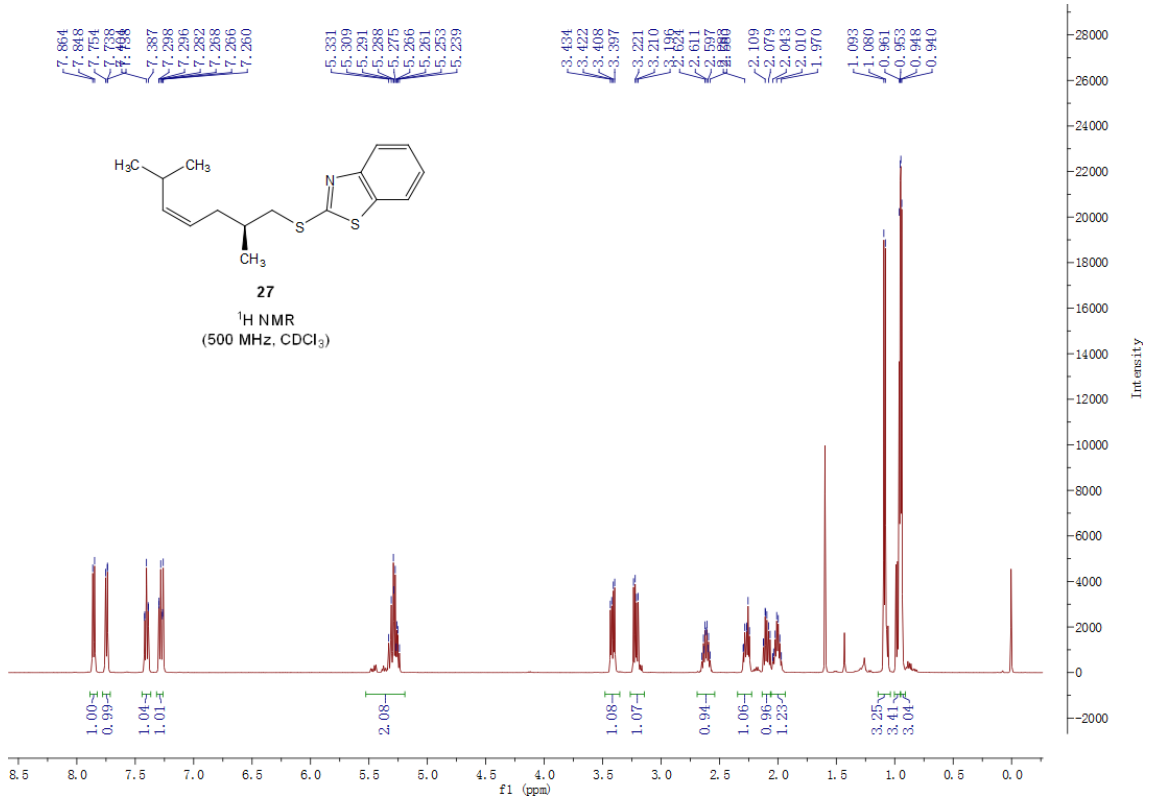




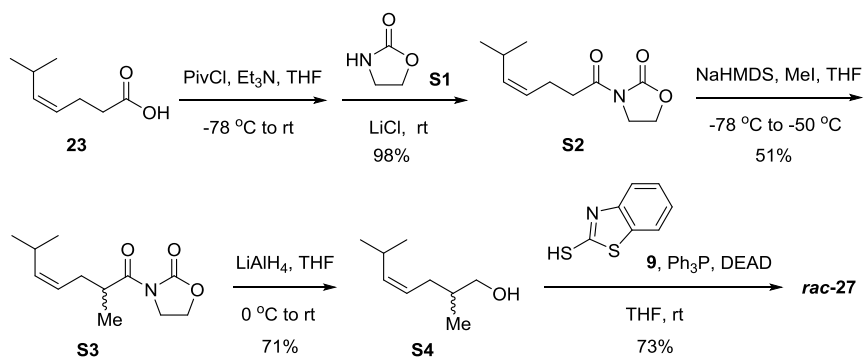








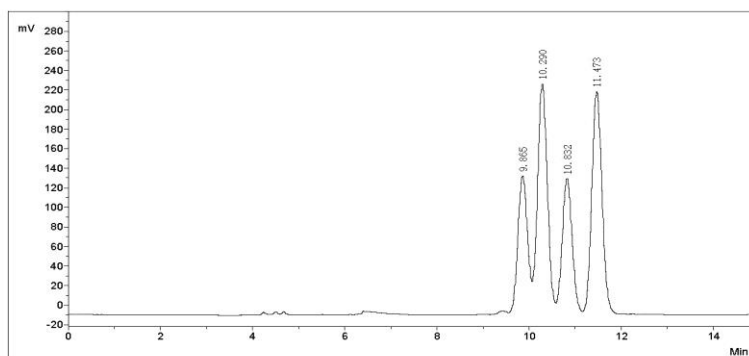
Preparation of *rac-27*:



HPLC analysis: Daicel Chiralcel OD-H column; hexane/*i*-propanol = 99:1, 0.7 mL/min, $\lambda = 214\text{ nm}$; t_R (major) = 10.12 min, t_R (minor) = 11.30 min. 95% *ee*.

HPLC Report

Sample Name: SZF-S165+- OD-H 991 214 0.7 Recording Time: 2017.08.22 22:31



No.	PeakNo	ID. Name	R. Time	PeakHeight	PeakArea	Conc
1	1		9.865	139826.3	2014887.3	18.2425
2	2		10.290	234094.6	3475184.8	31.4638
3	3		10.832	137590.0	2072554.1	18.7646
4	4		11.473	227175.7	3482391.4	31.5291

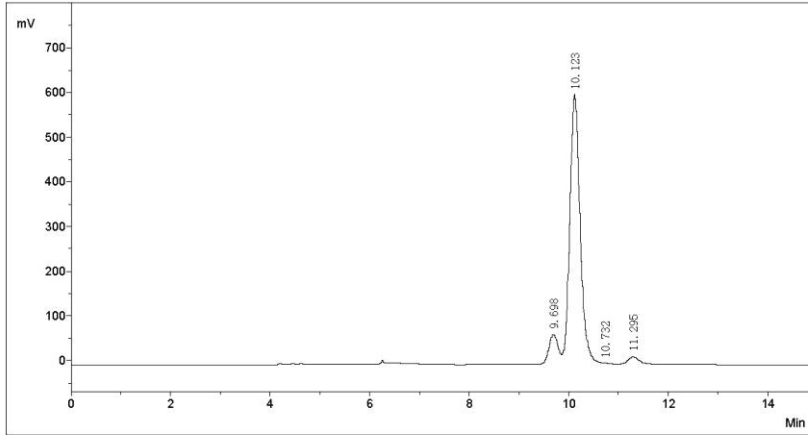
Total 738686.5 11045017.6 100.0000

No.	IDName	Mi (ug)	MO (ug)	Cm (ug/m3)	Cc (mg/m3)
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HPLC Report

Sample Name:SZF-S165-GH OD-H 991 214 0.7

Recording Time:2017.08.22 22:15



No.	PeakNo	ID.Name	R.Time	PeakHeight	PeakArea	Conc
1	1		9.698	67025.6	879574.1	8.9647
2	2		10.123	603686.5	8670450.5	88.3705
3	3		10.732	2521.3	22165.1	0.2259
4	4		11.295	16311.0	239289.9	2.4389
Total				689544.3	9811479.5	100.0000
No.	IDName	Mi (ug)	MO (ug)	Om (ug/m3)	Cc (mg/m3)	

