

Aryl Bromides as Inexpensive Starting Materials in the Catalytic Enantioselective Arylation of Aryl Aldehydes: the Additive TMEDA Enhances the Enantioselectivity

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1. HPLC

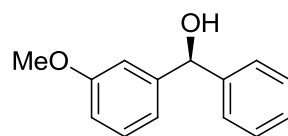
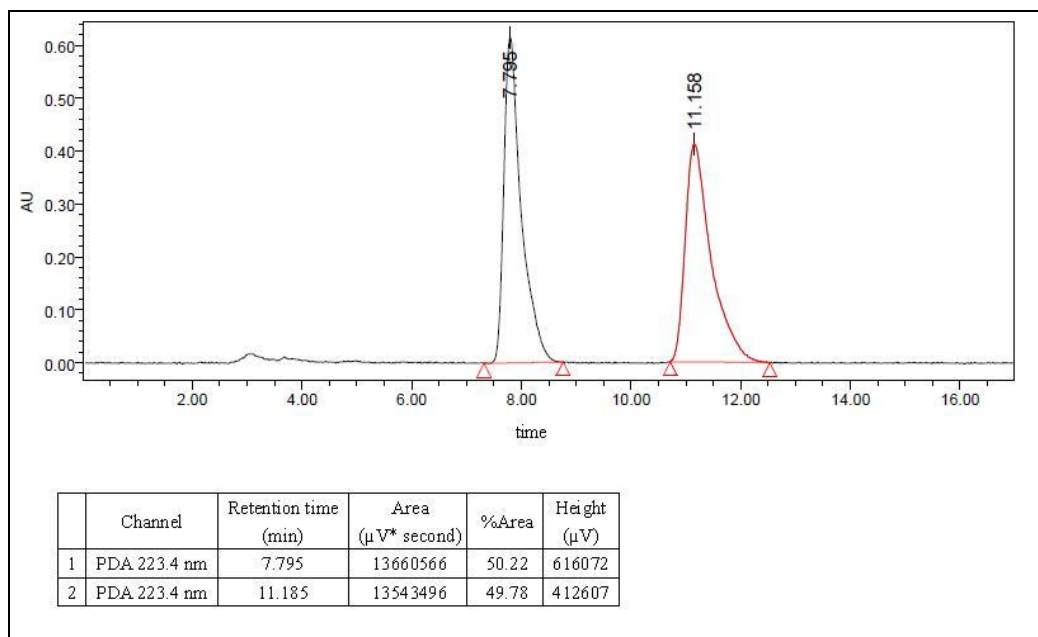
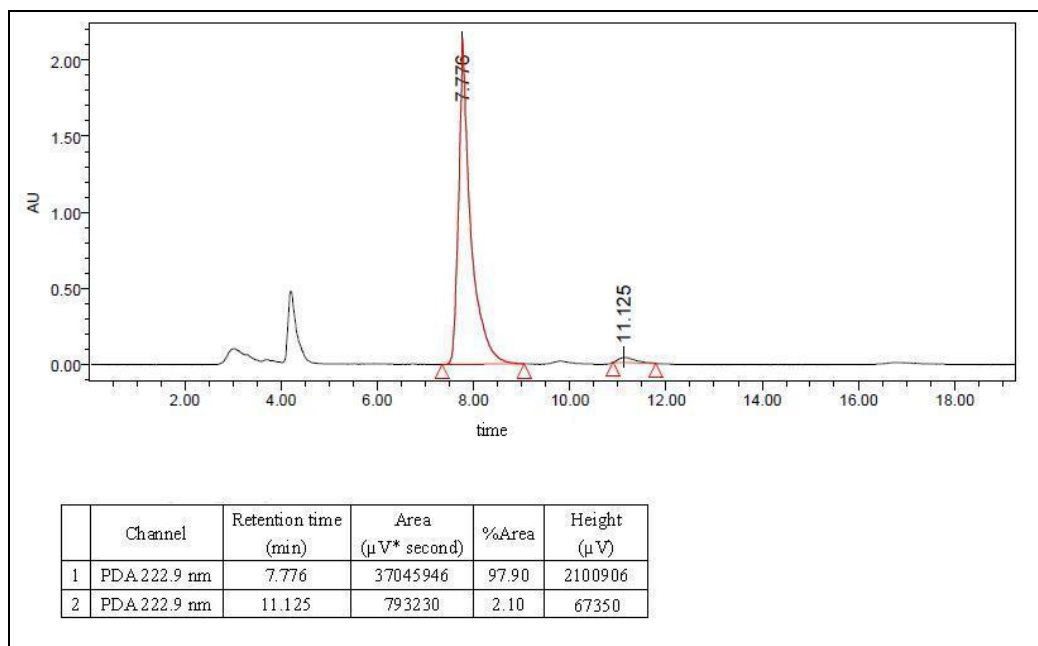


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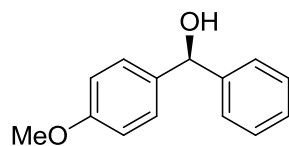
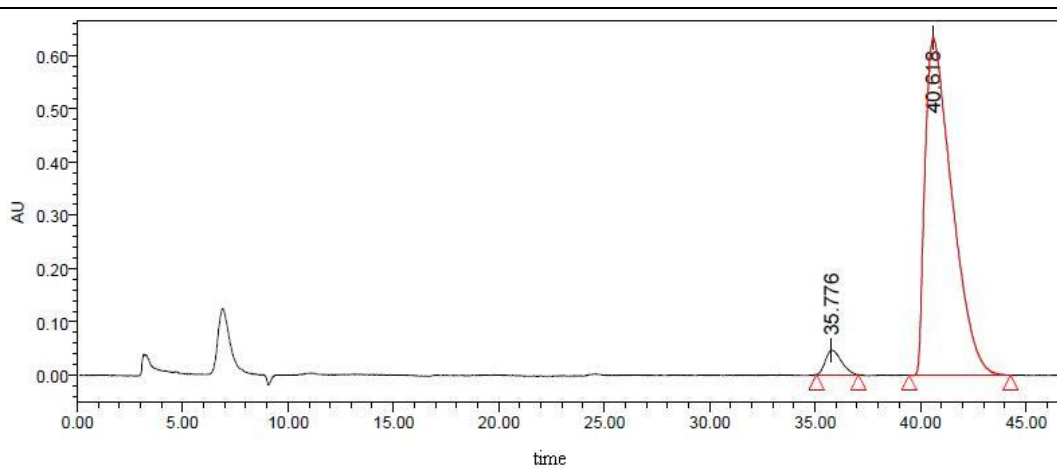
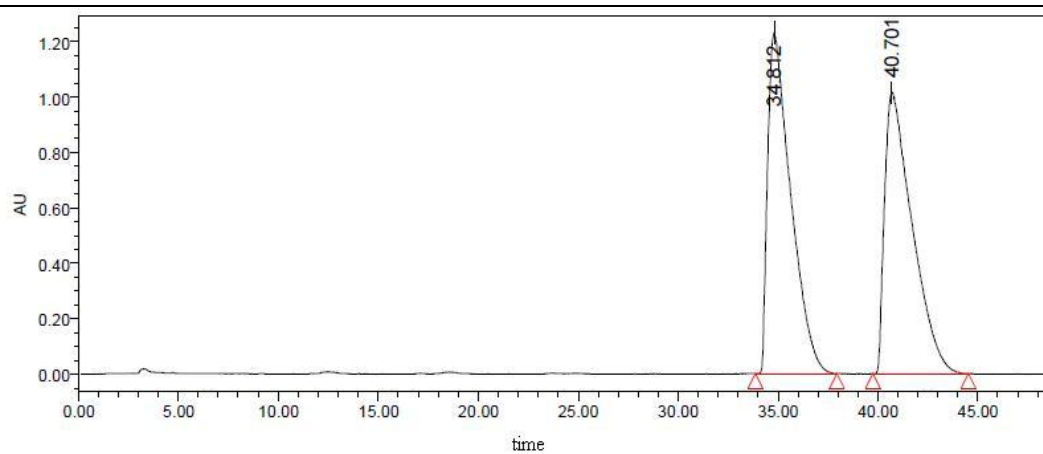


Table 2, entry 2, 2



	Channel	Retention time (min)	Area ($\mu\text{V} \cdot \text{second}$)	%Area	Height (μV)
1	PDA 234.5 nm	35.776	2390396	4.09	45818
2	PDA 234.5 nm	40.618	56073868	95.91	632640



	Channel	Retention time (min)	Area ($\mu\text{V} \cdot \text{second}$)	%Area	Height (μV)
1	PDA 232.6 nm	34.812	98685130	50.30	1232468
2	PDA 232.6 nm	40.701	97513004	49.70	1016321

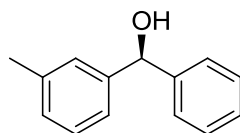
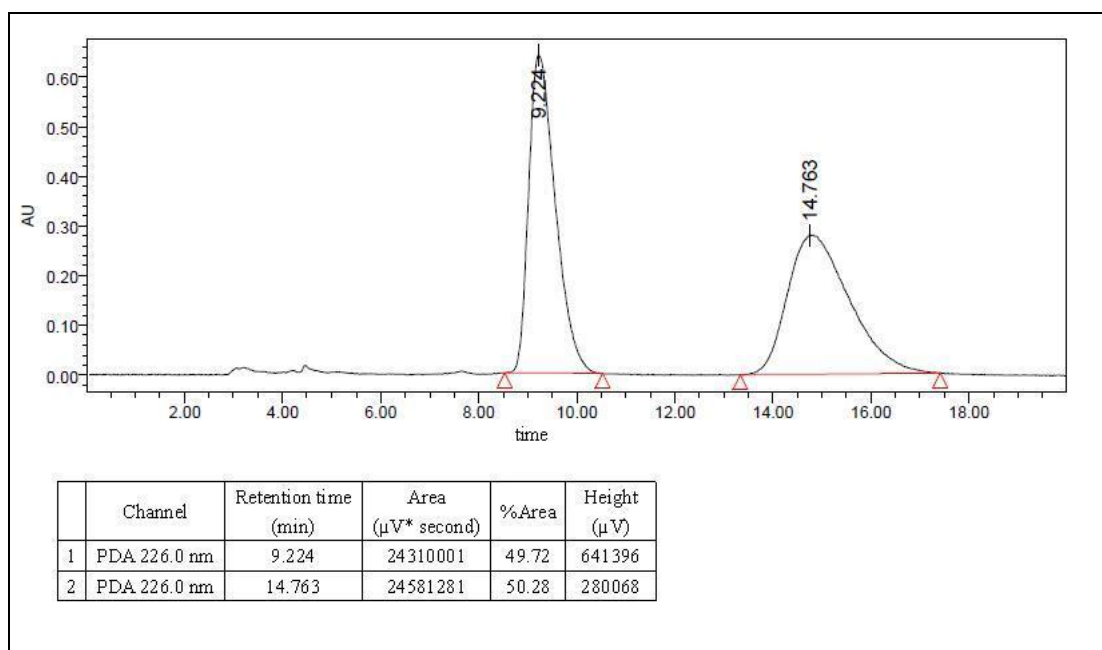
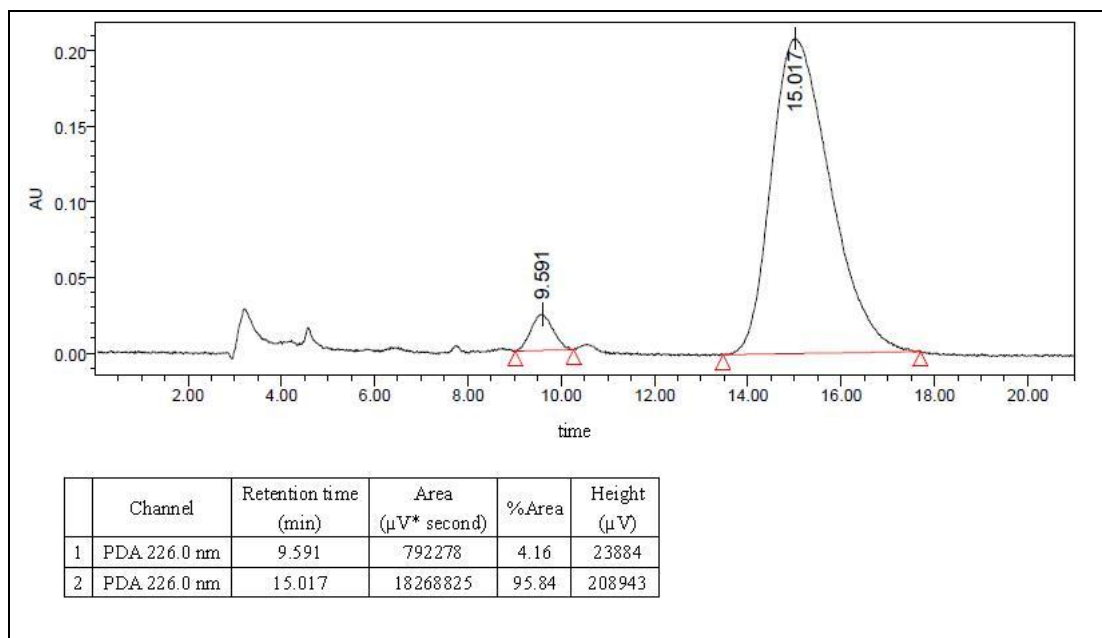


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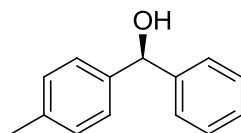
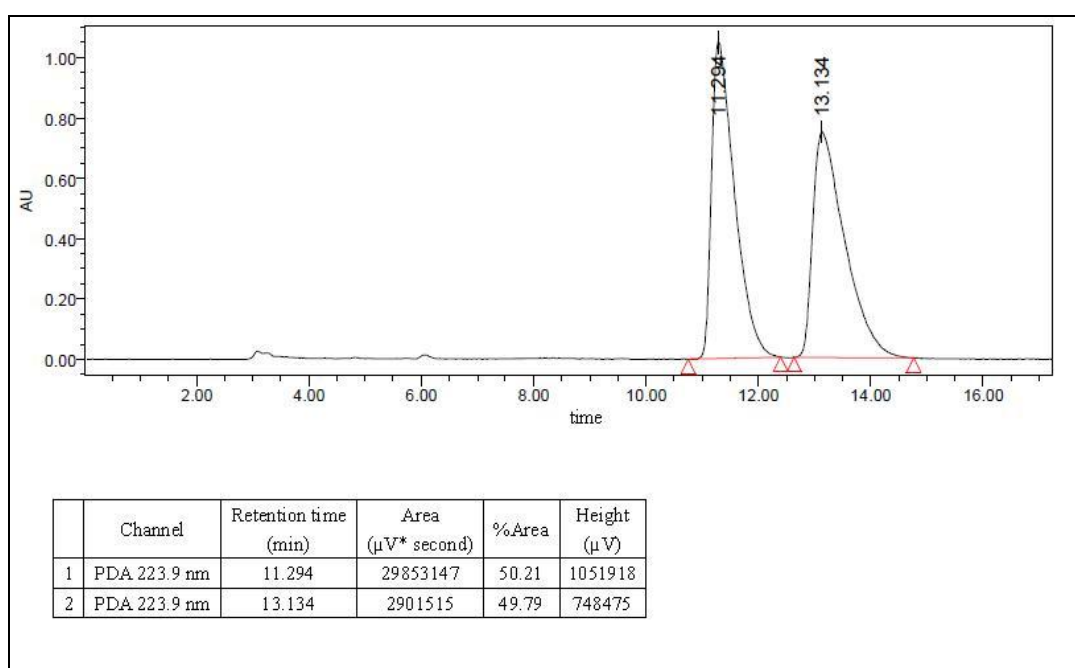
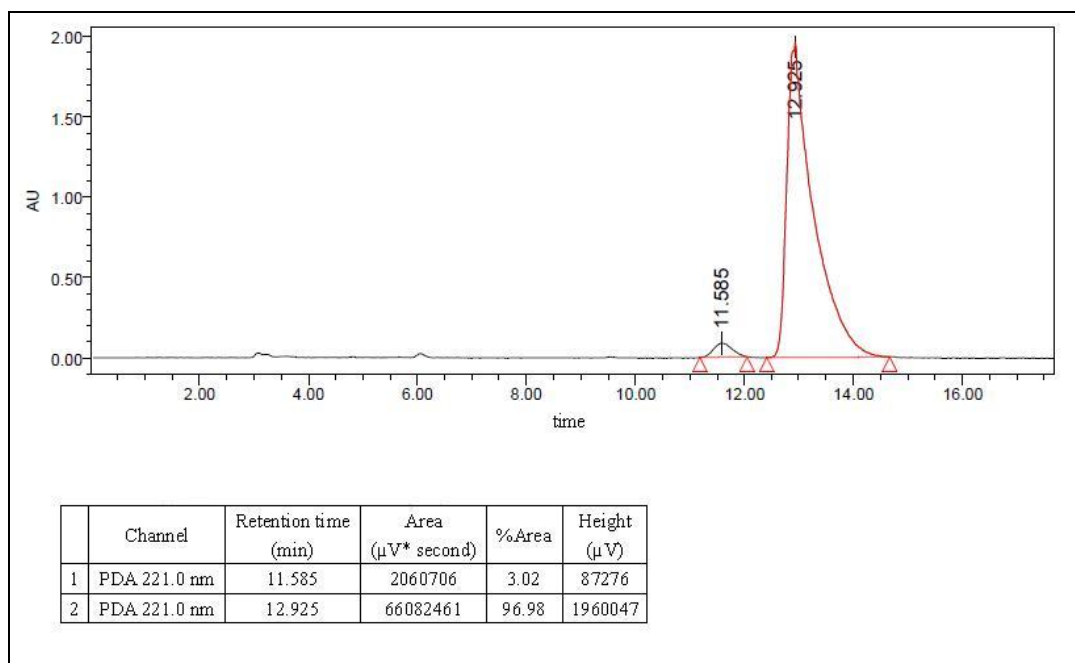


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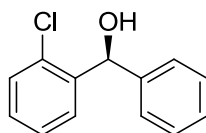
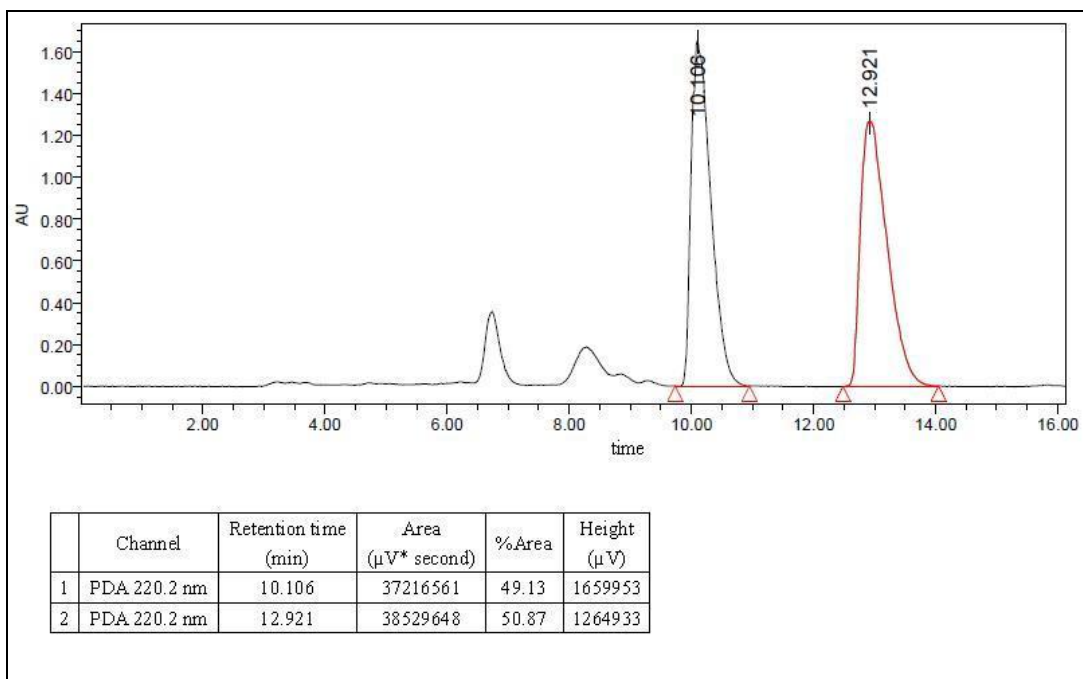
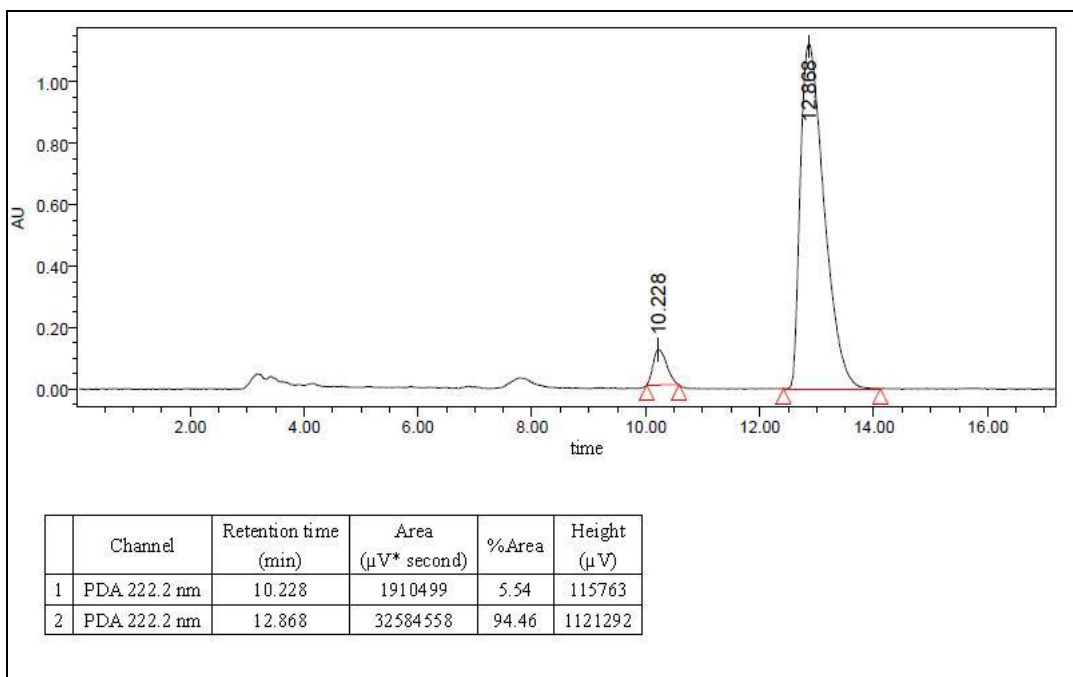


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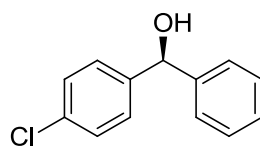
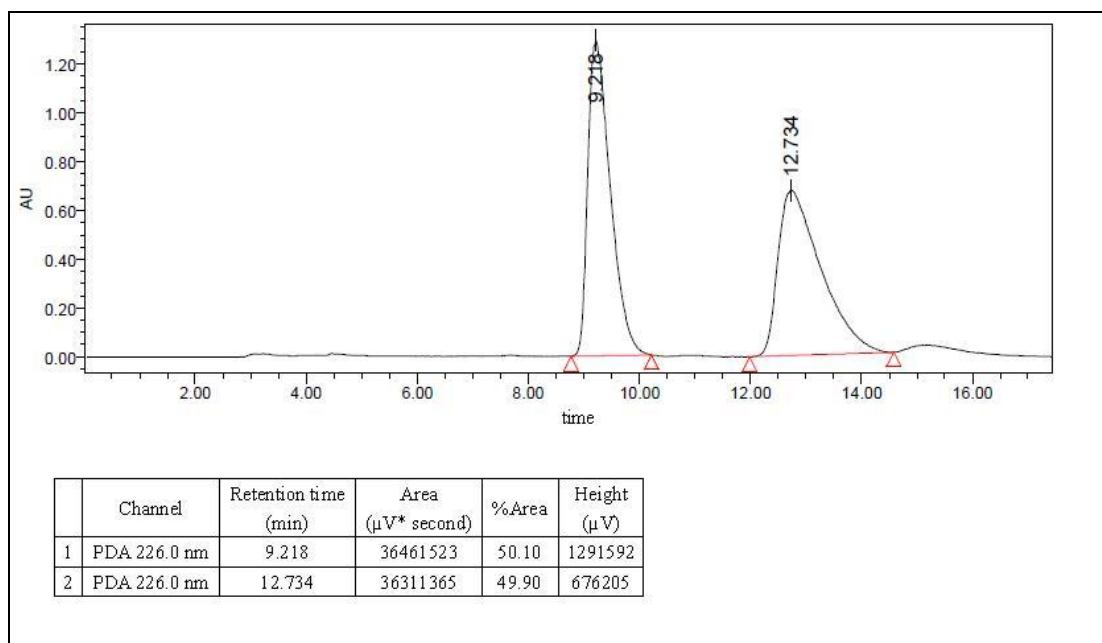
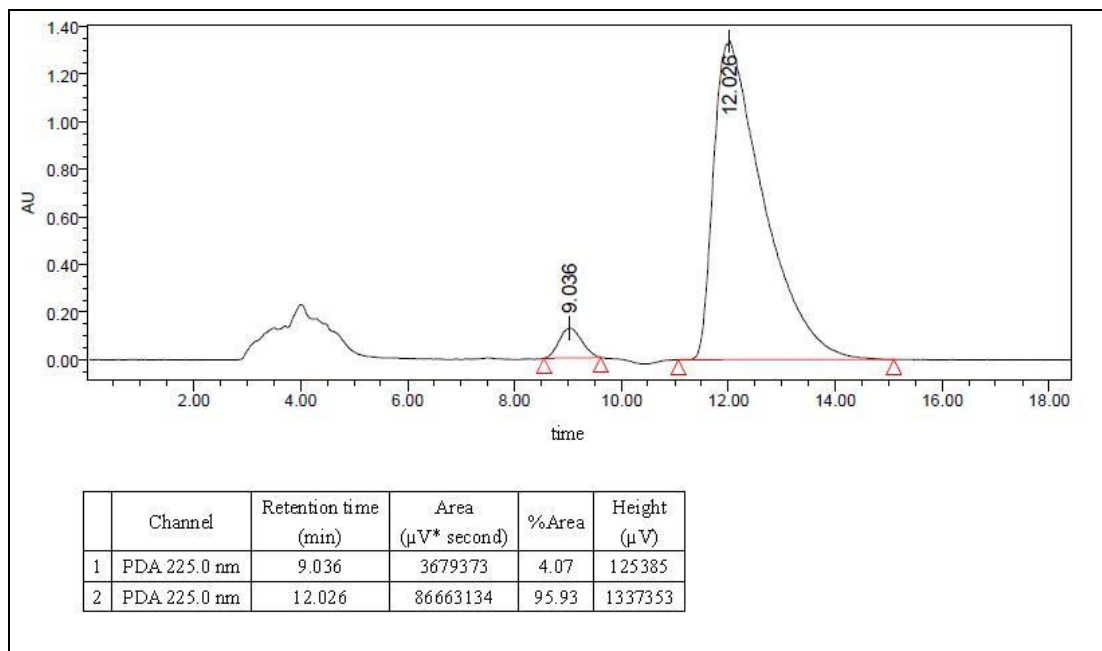


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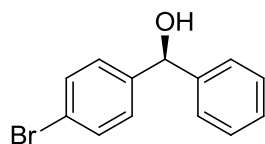
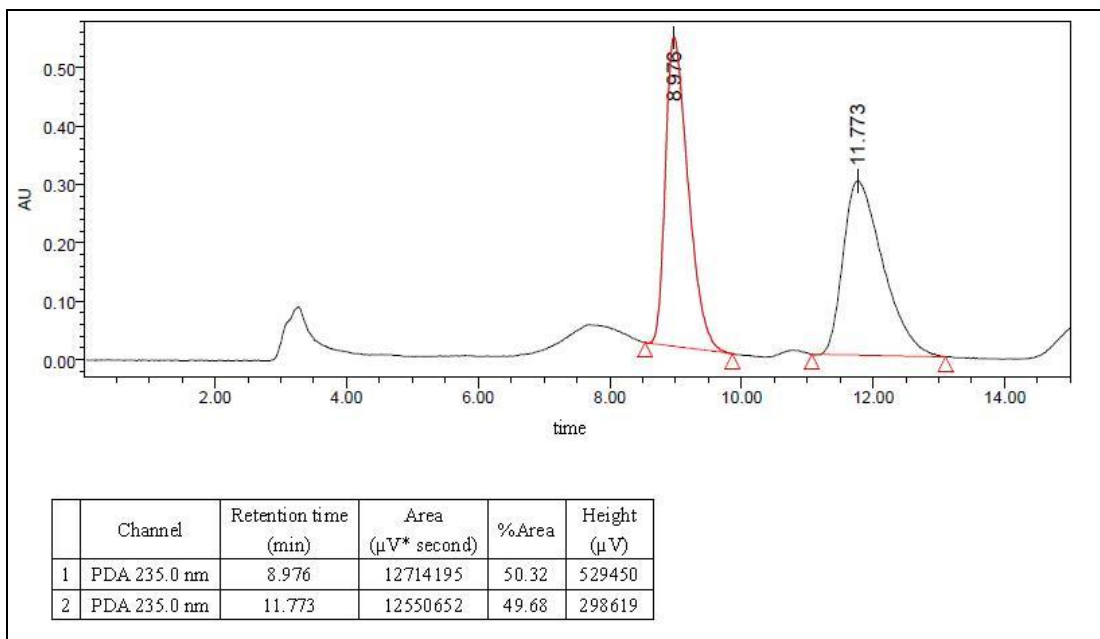
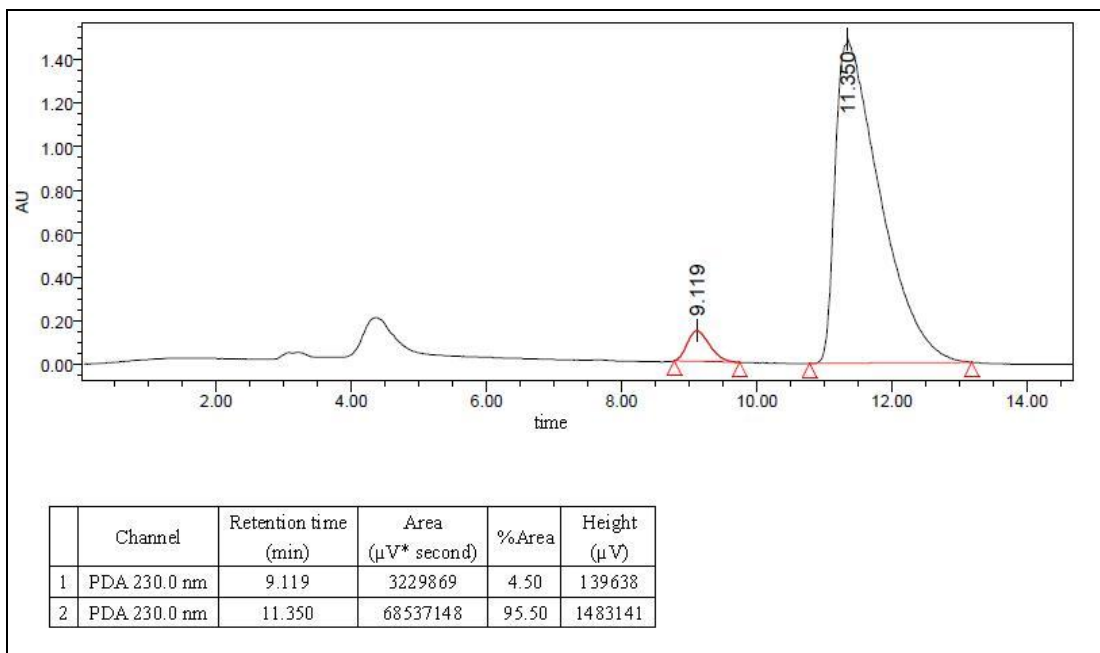


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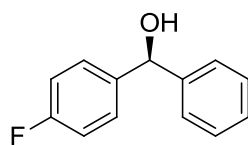
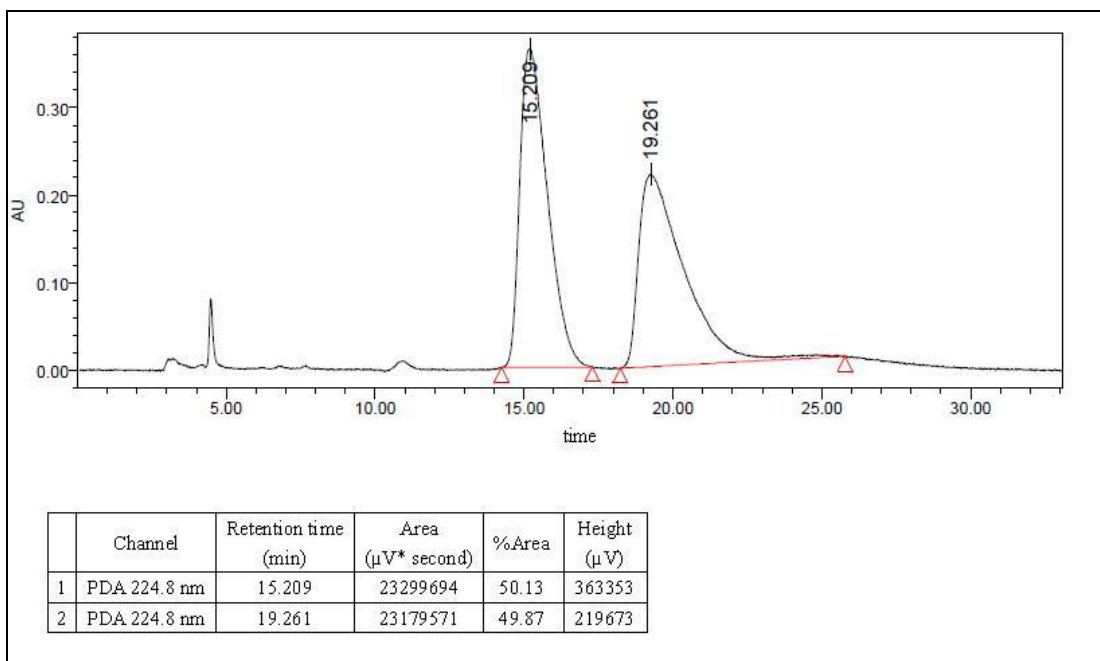
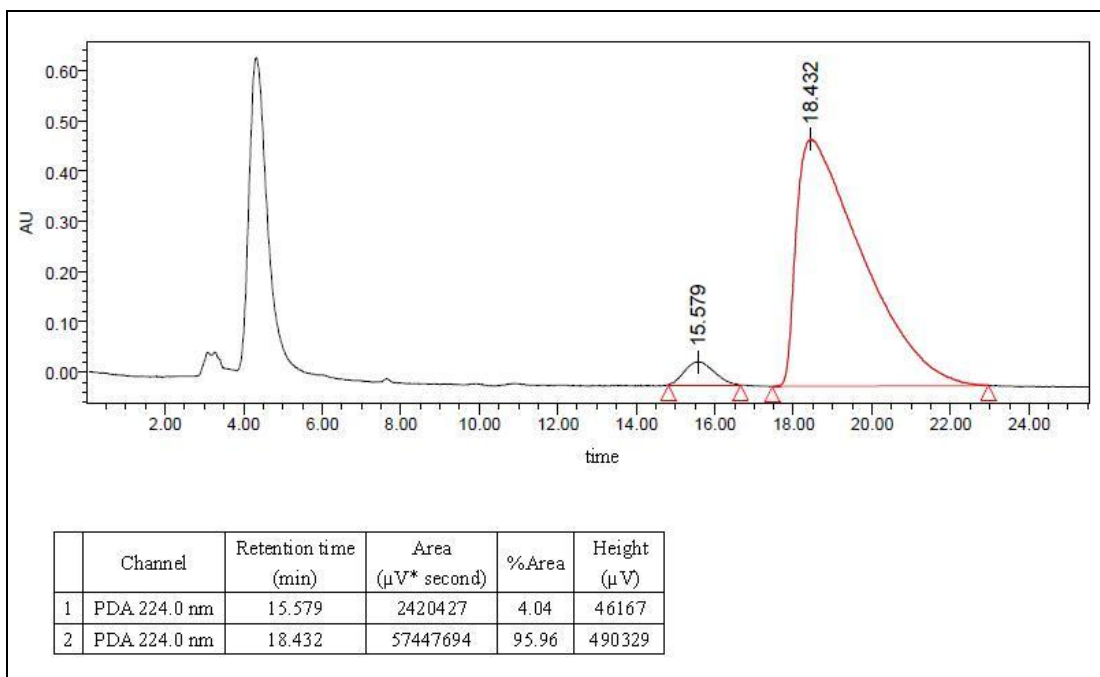


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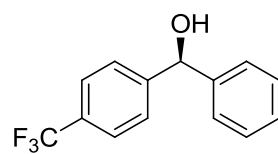
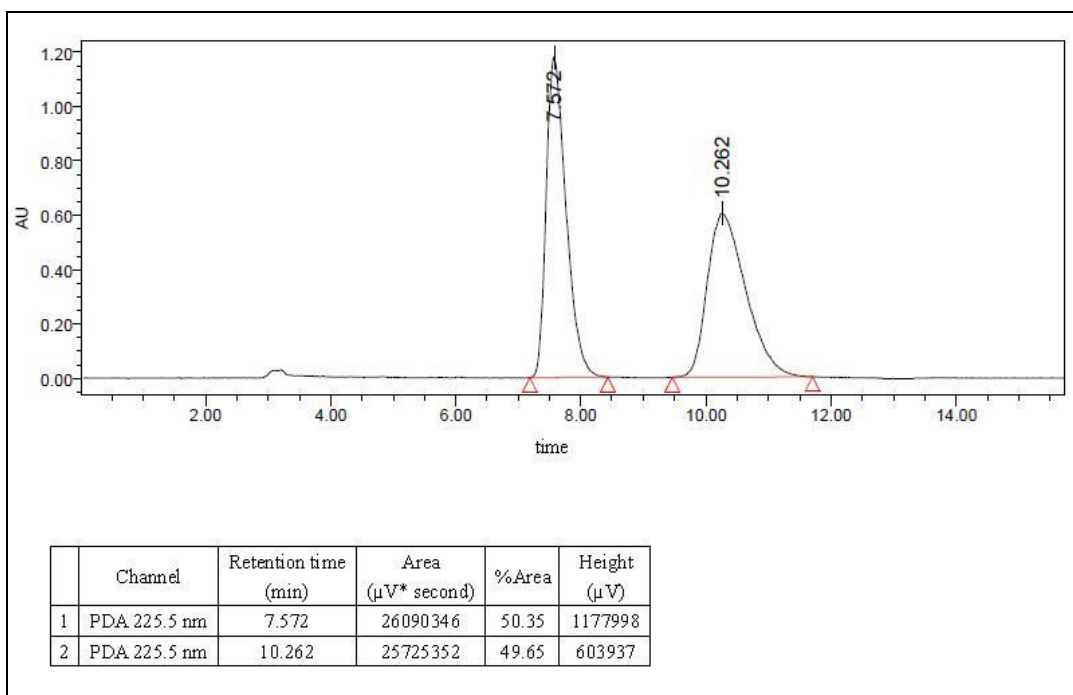
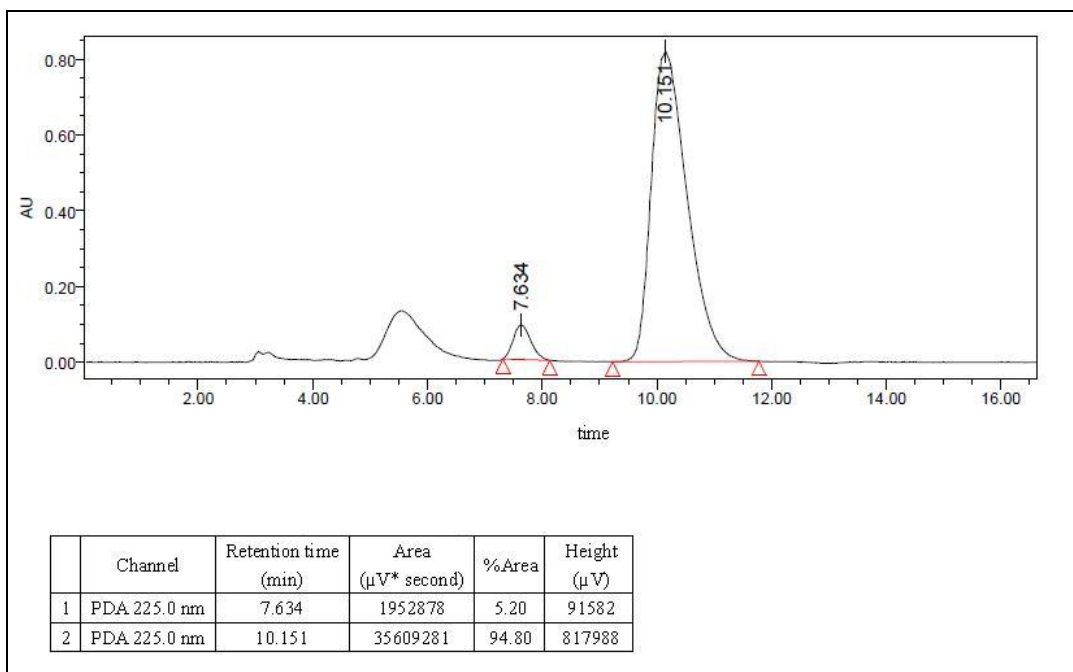


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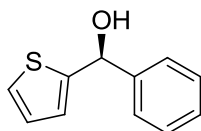
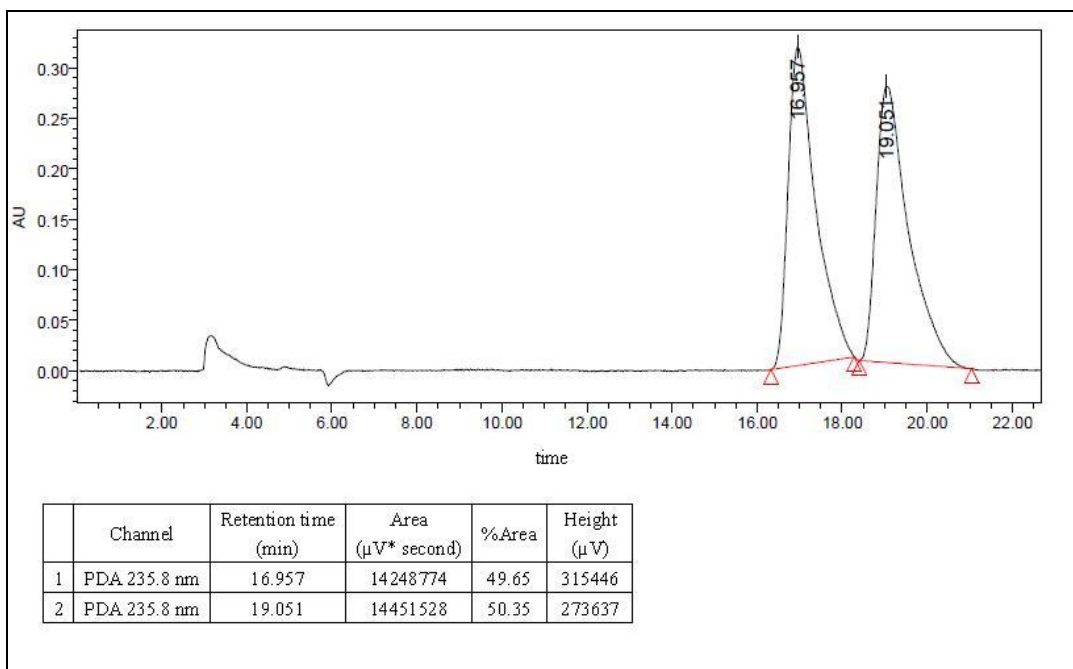
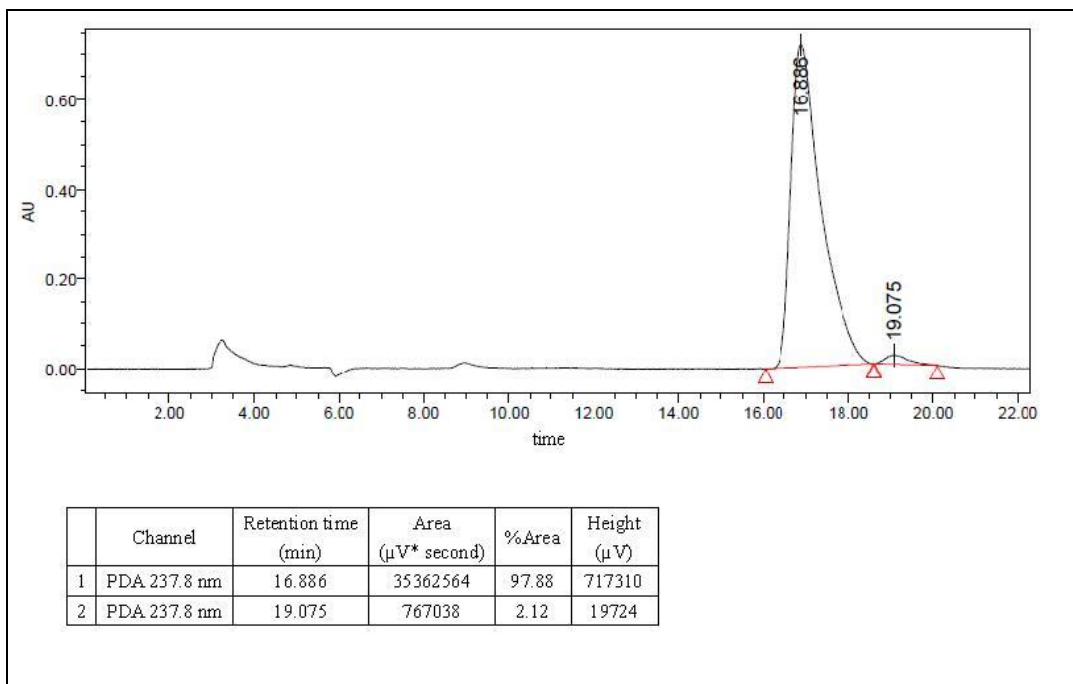


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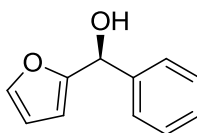
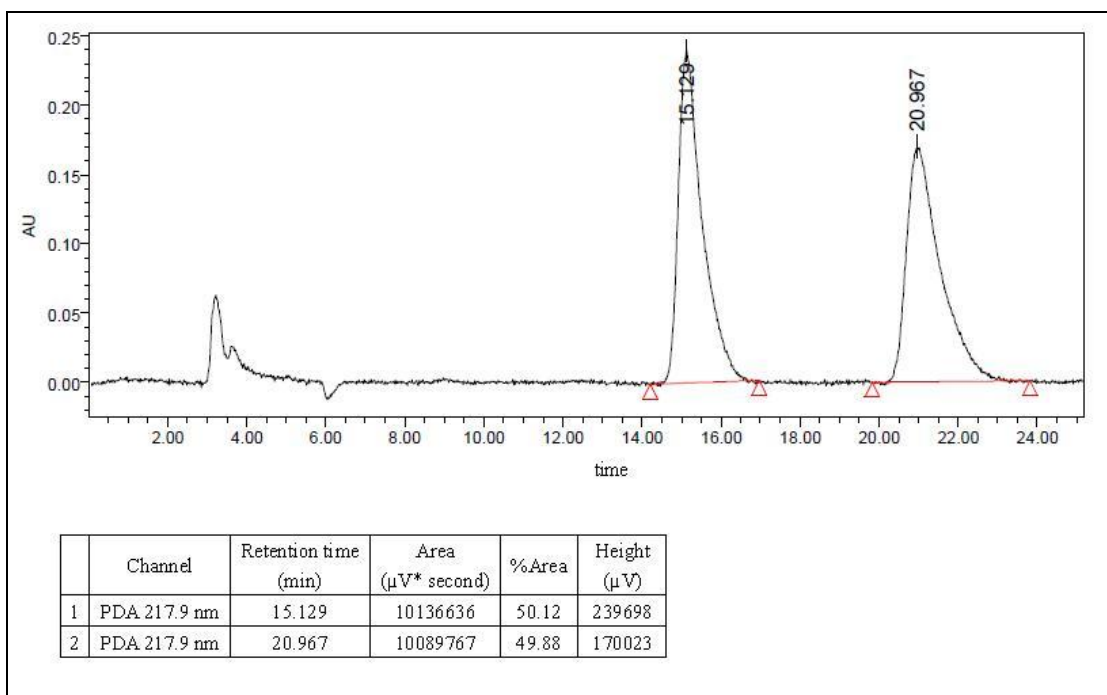
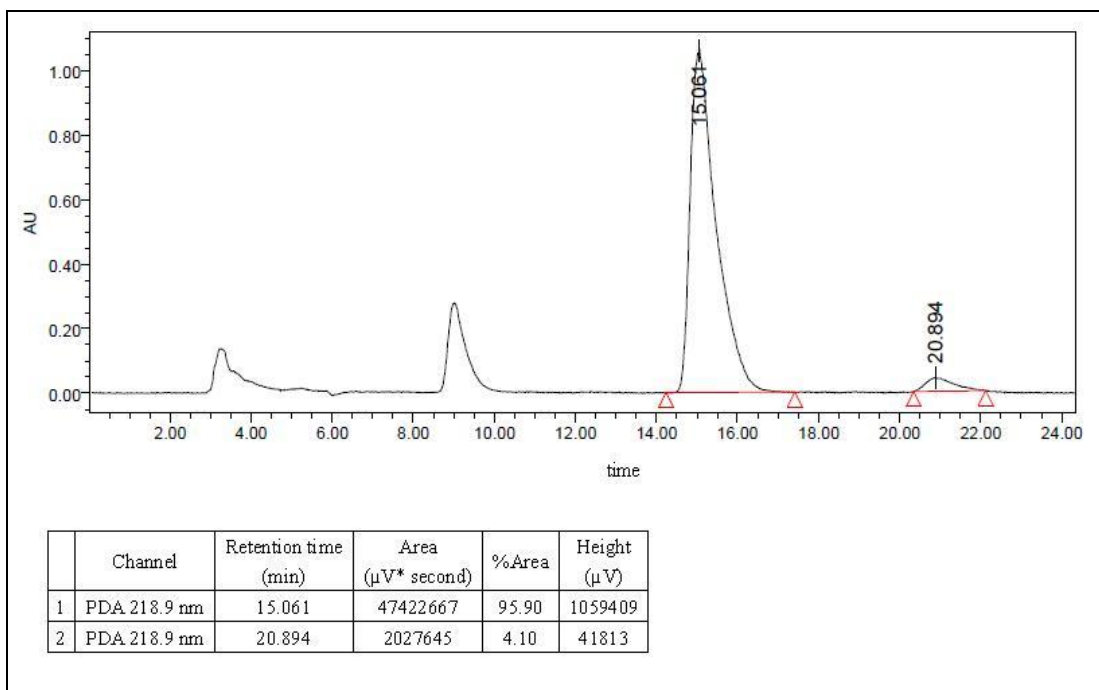


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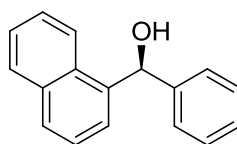
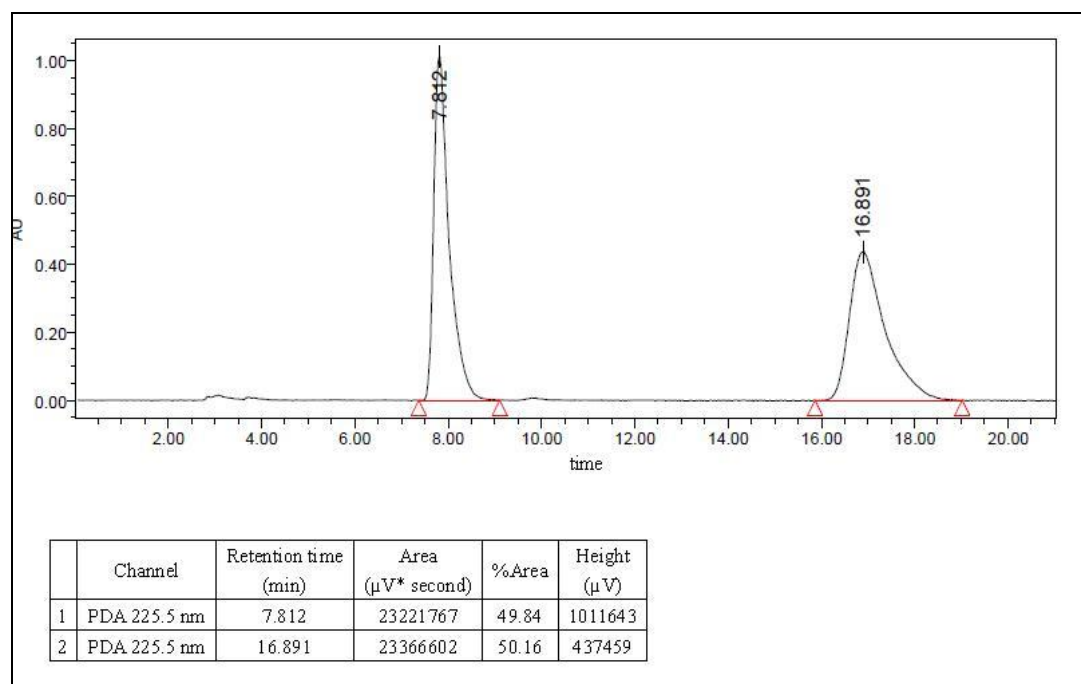
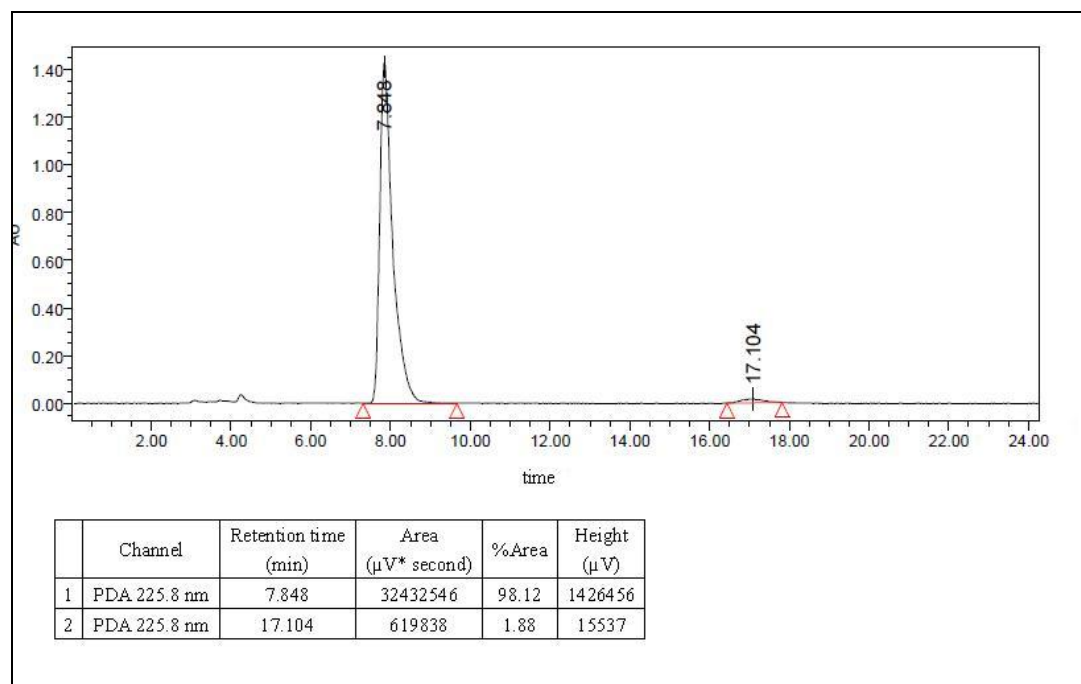


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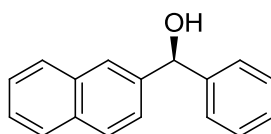
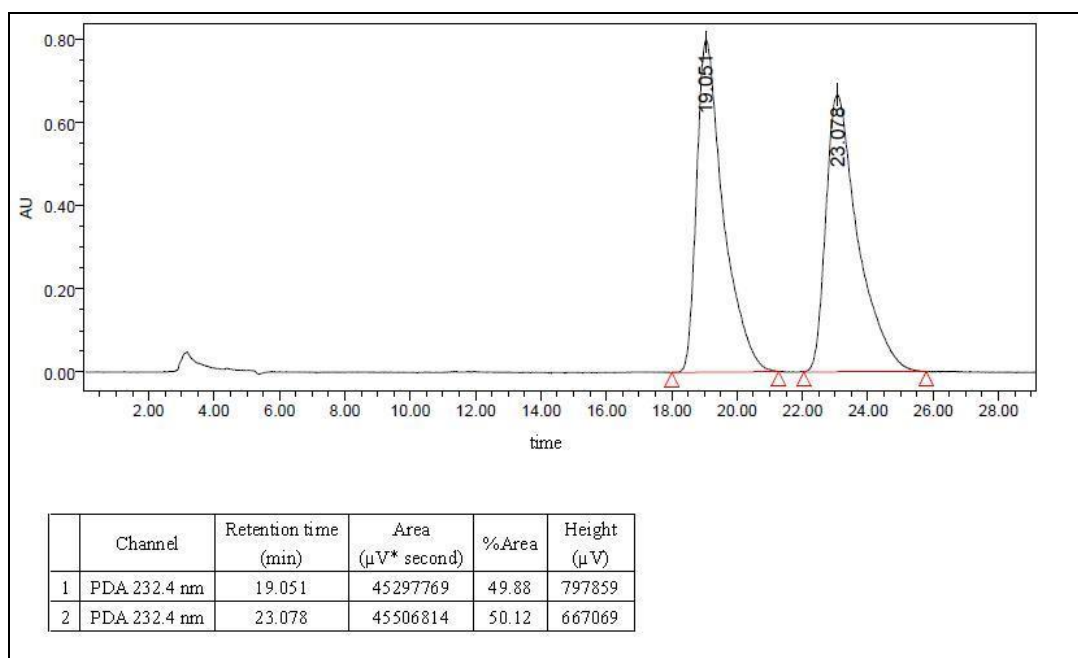
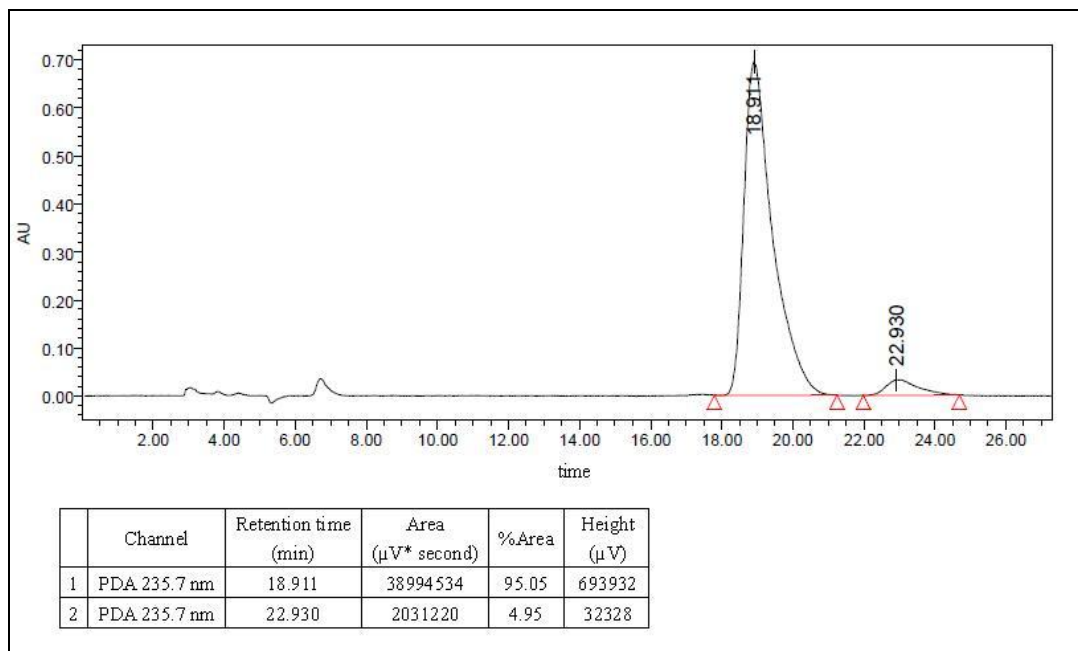


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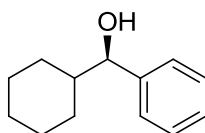
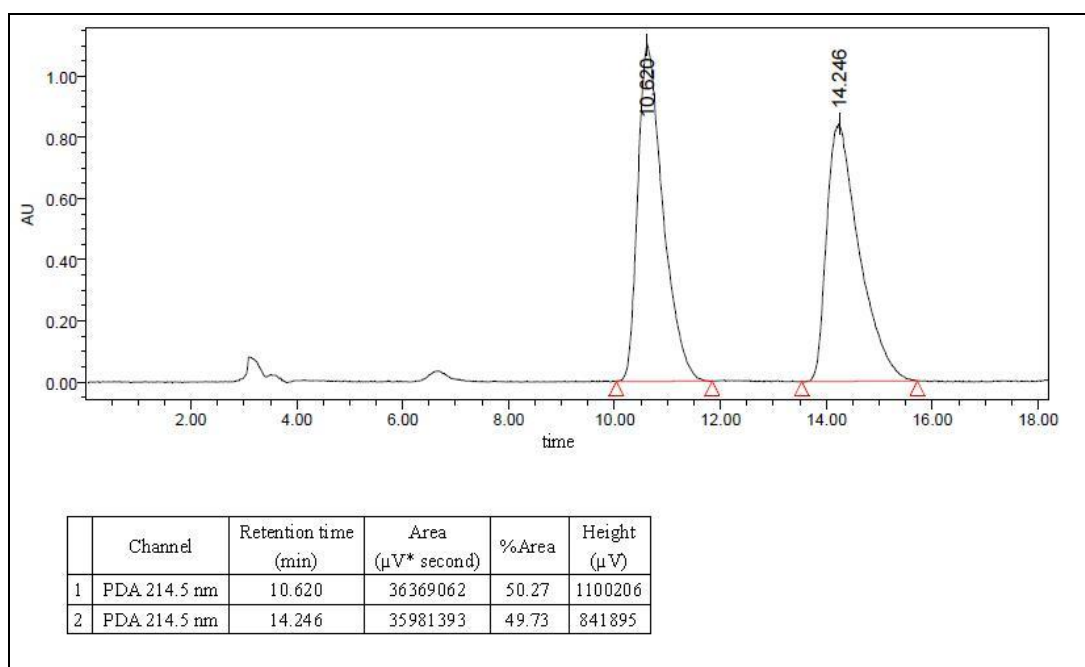
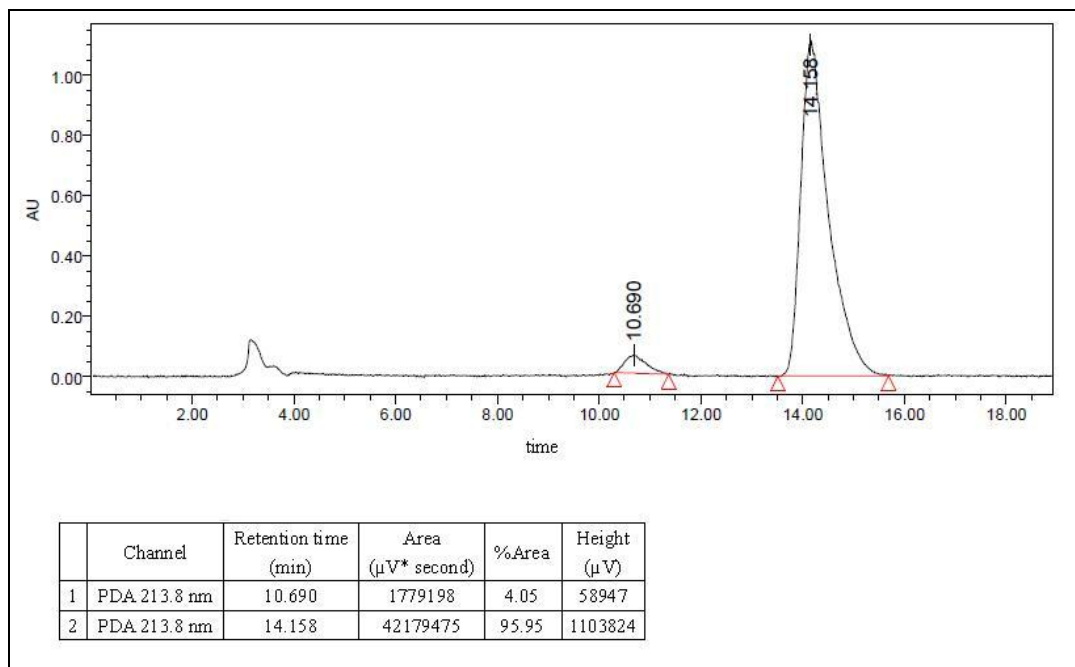


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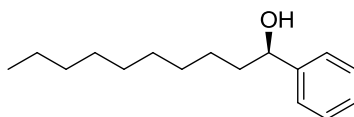
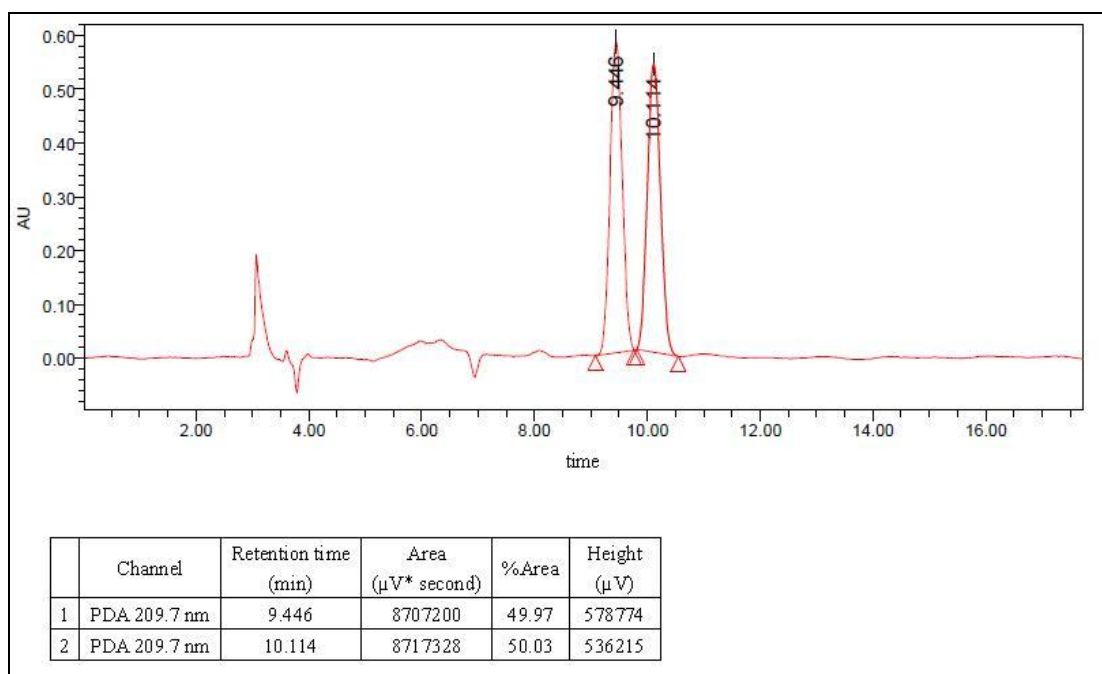
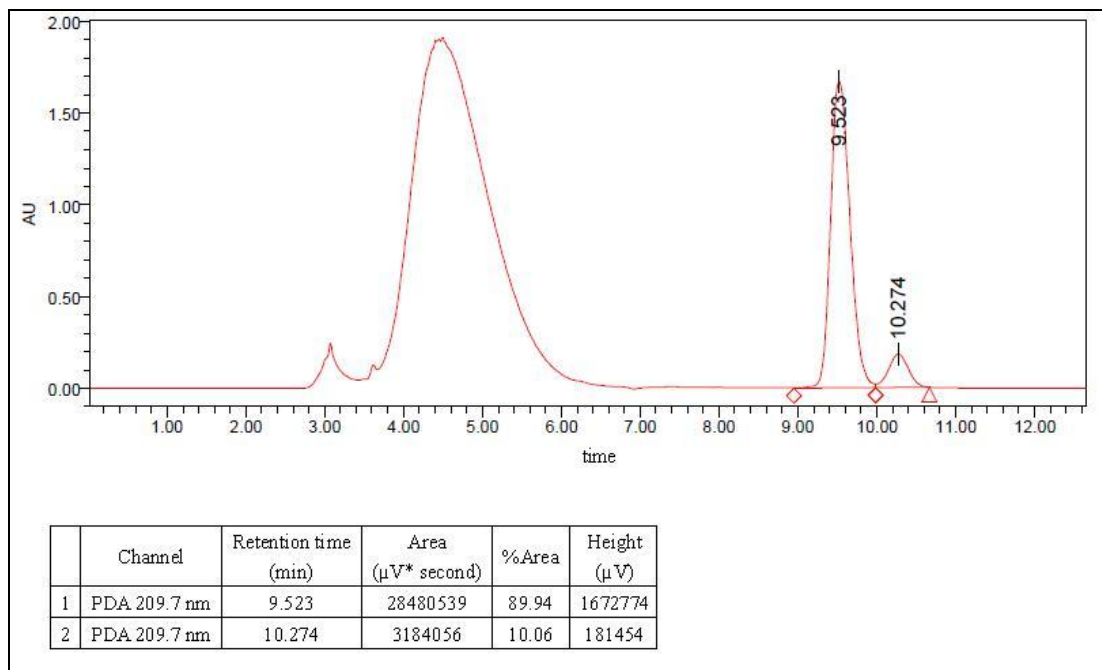


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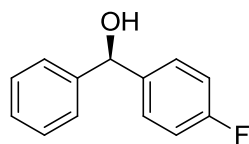
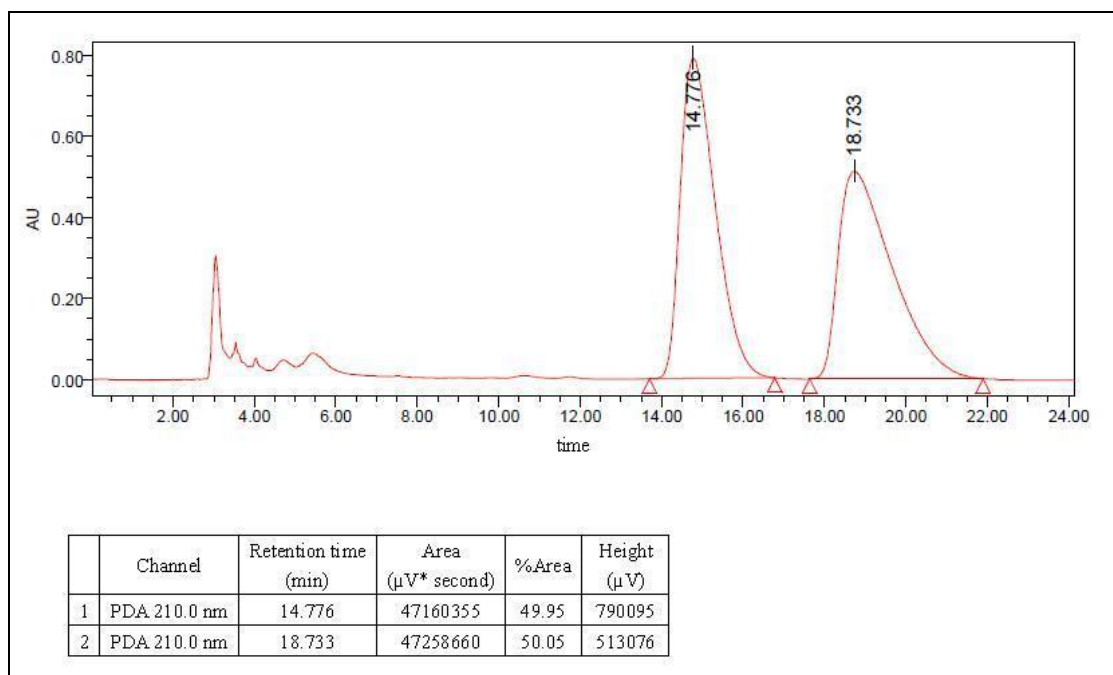
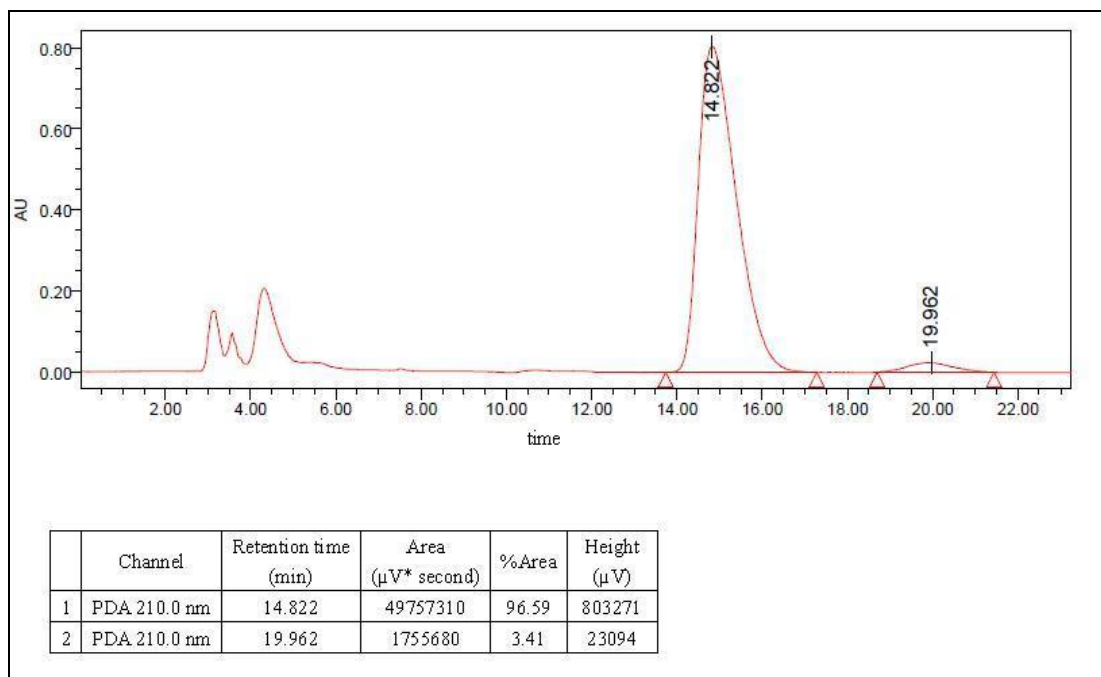


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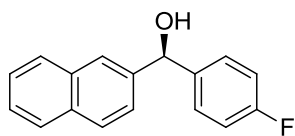
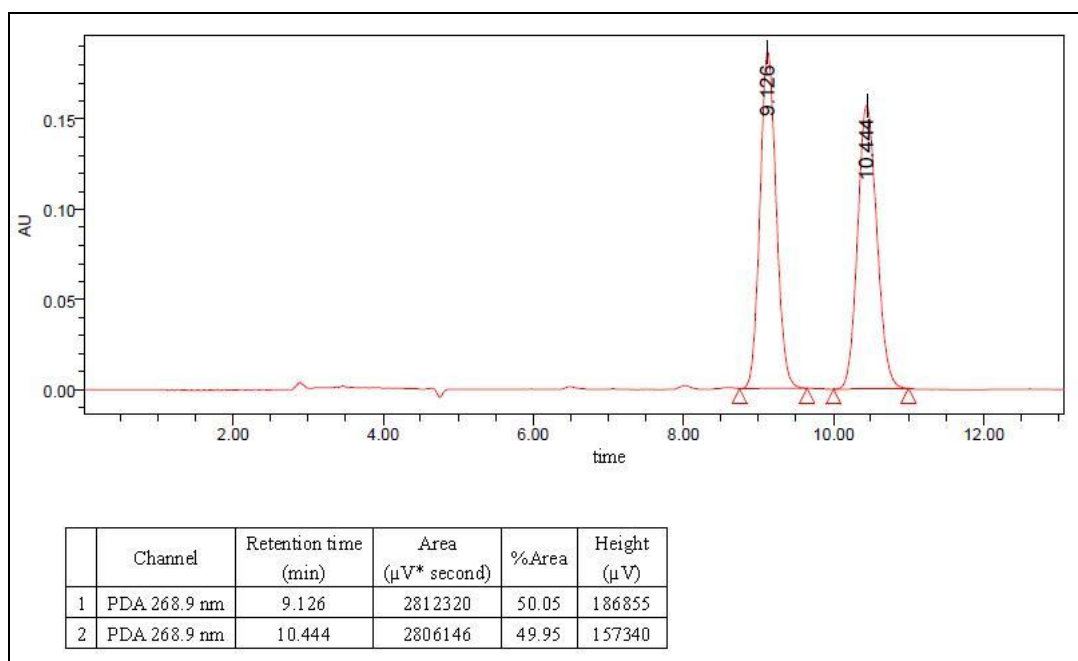
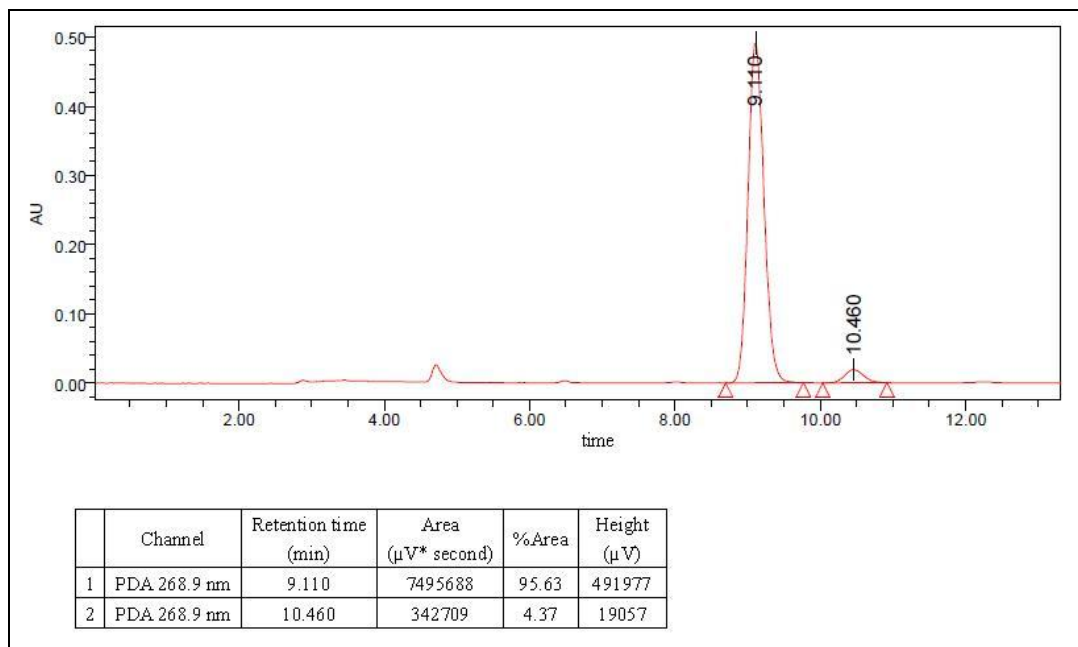


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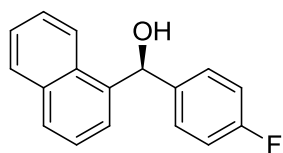
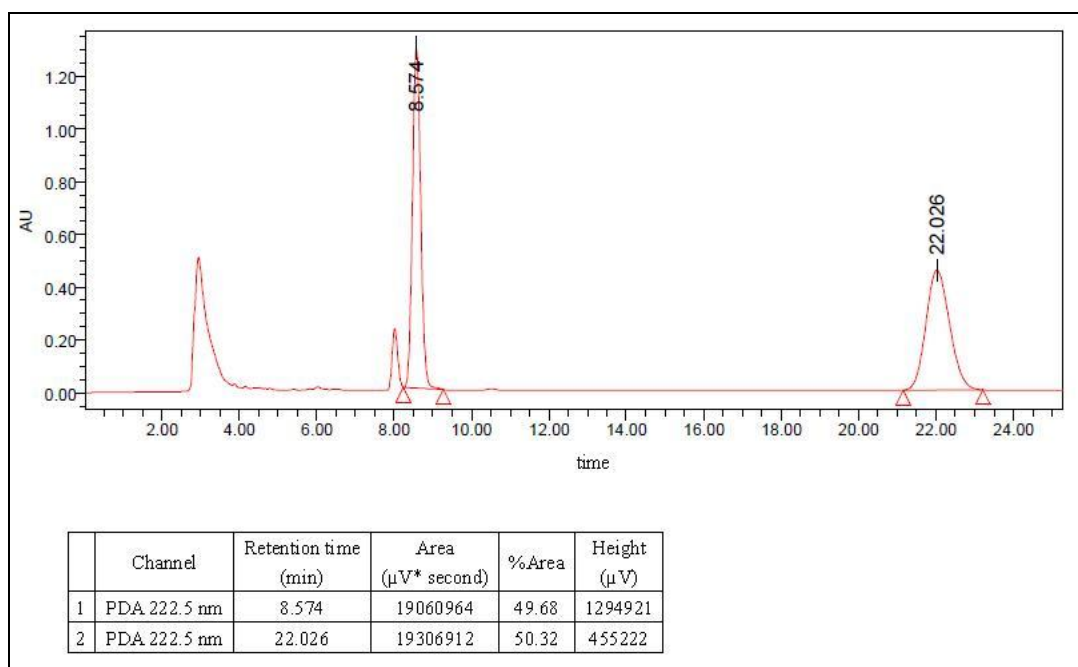
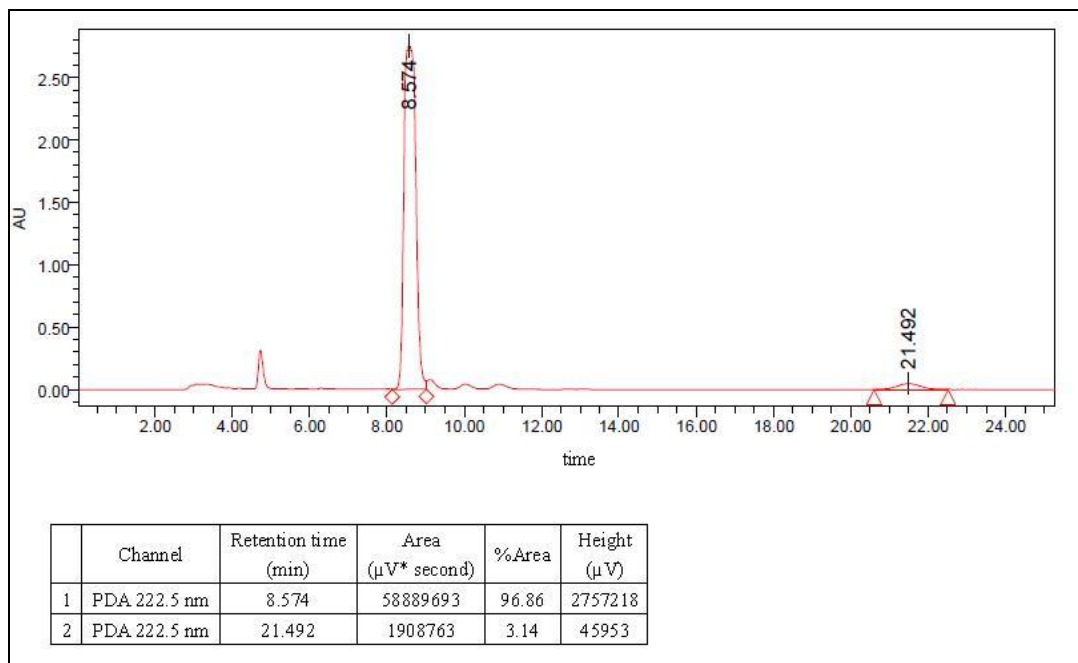


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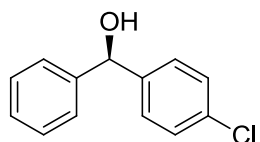
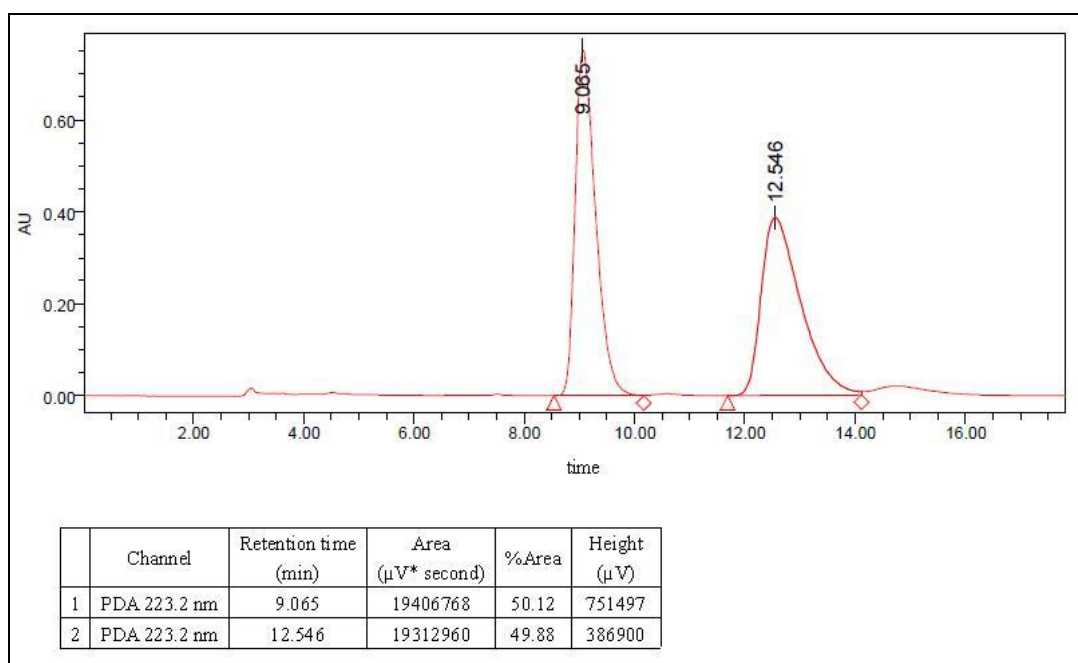
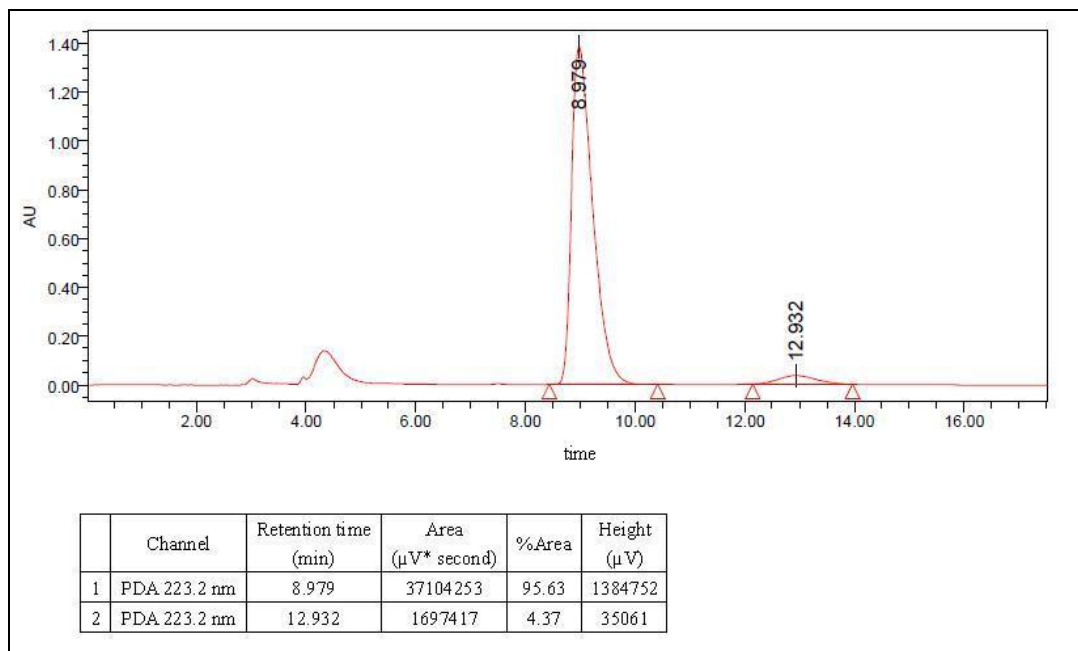


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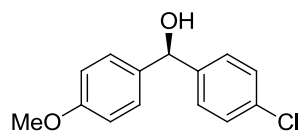
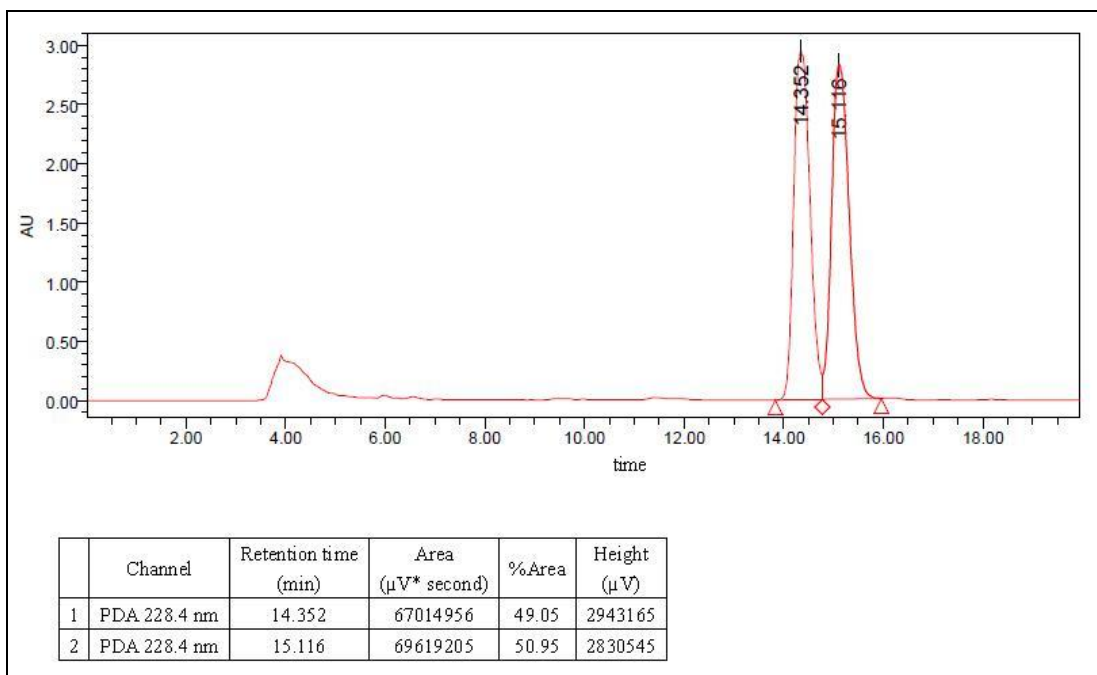
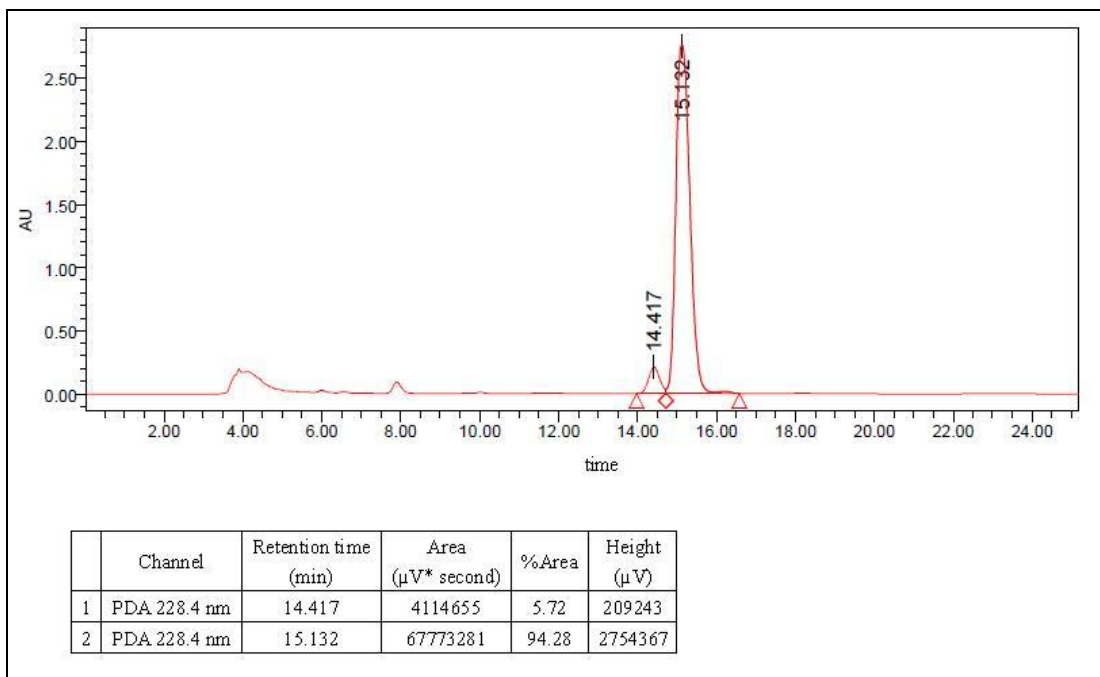


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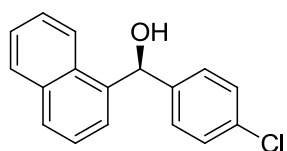
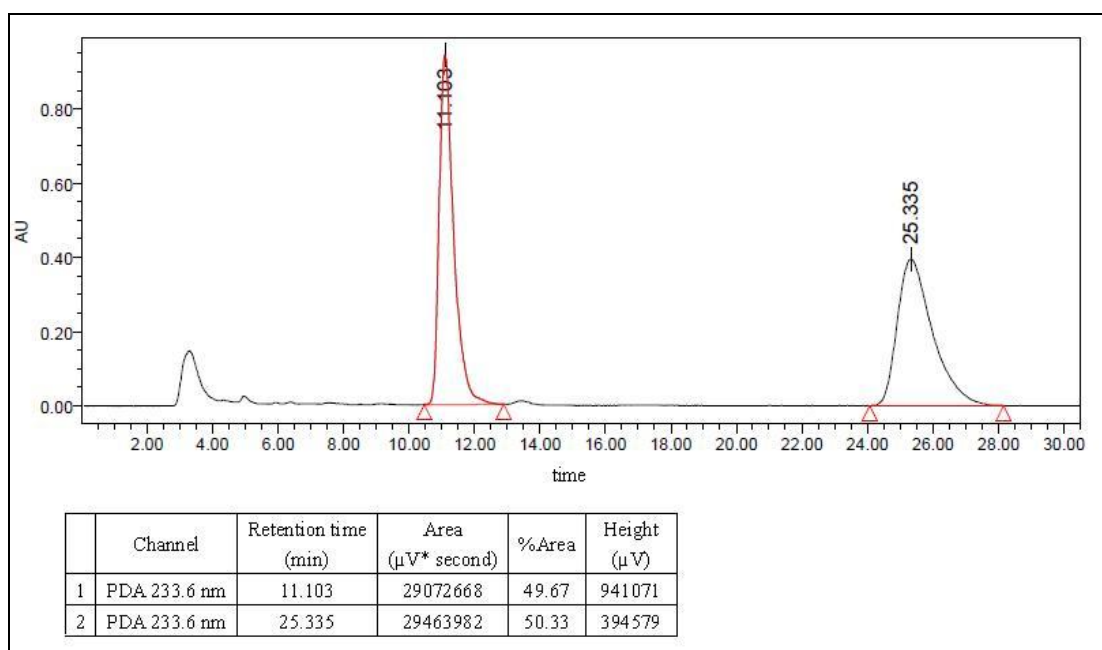
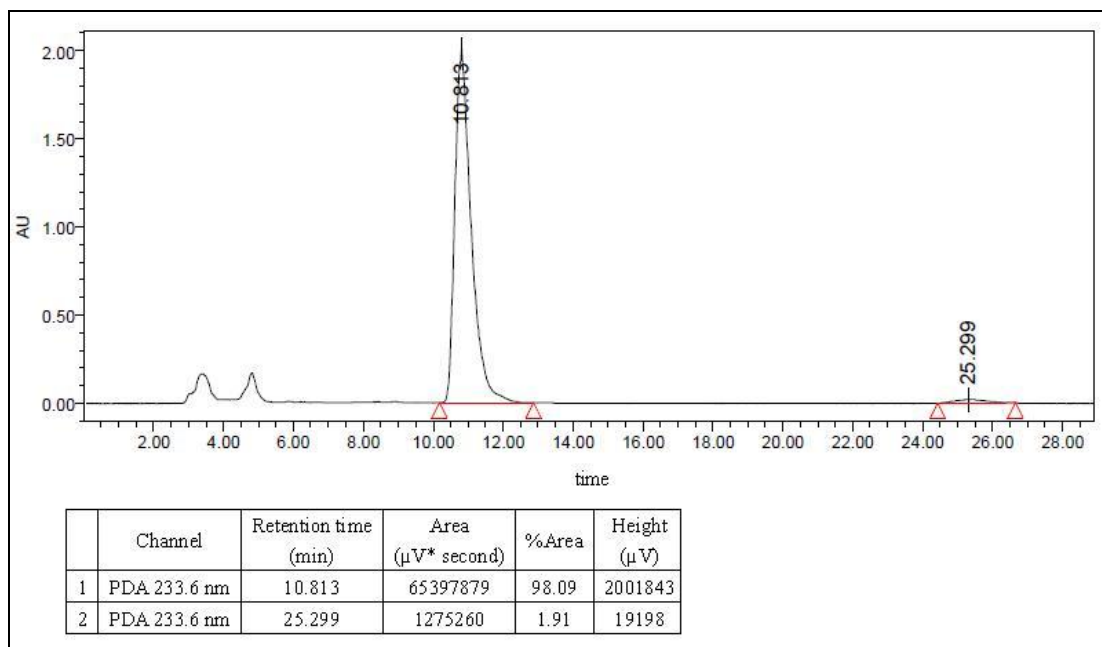


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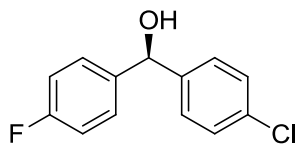
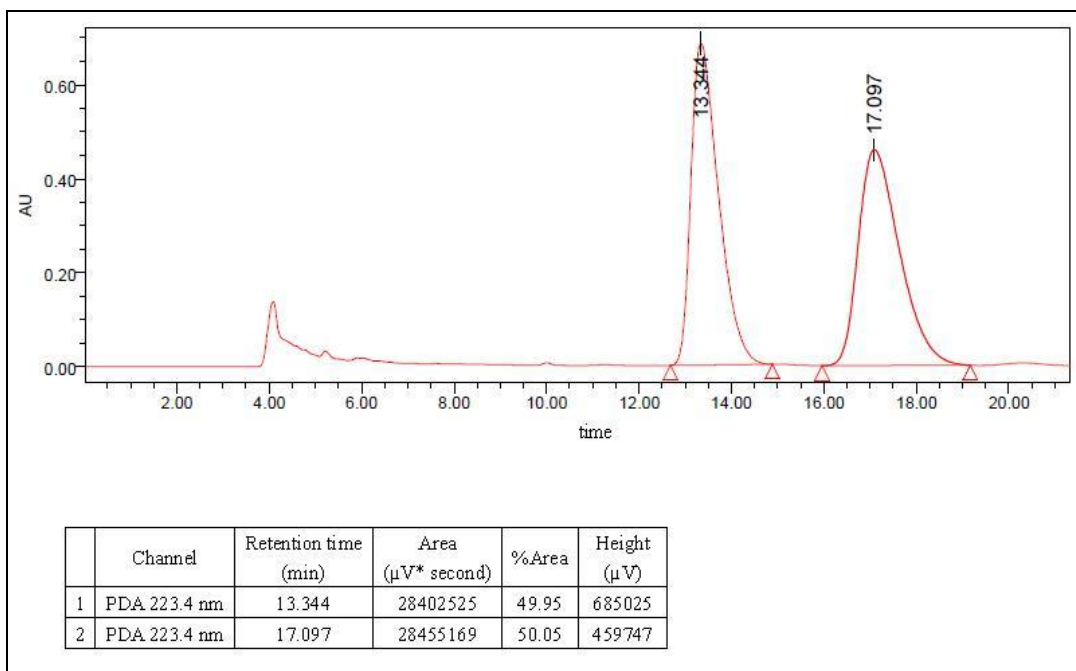
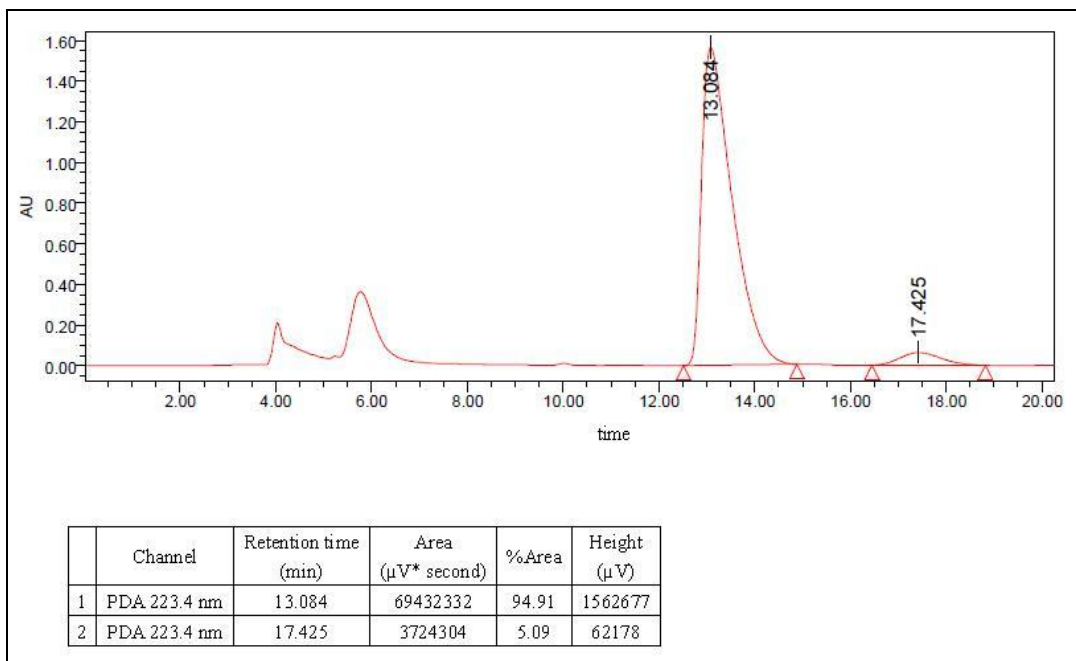


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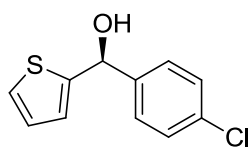
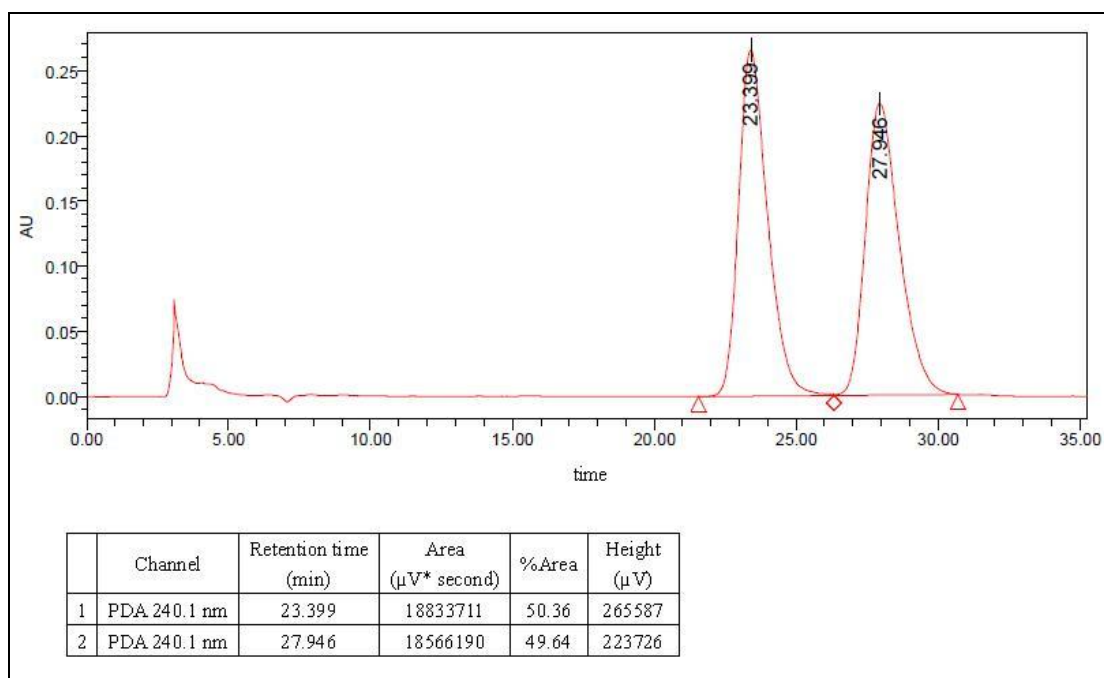
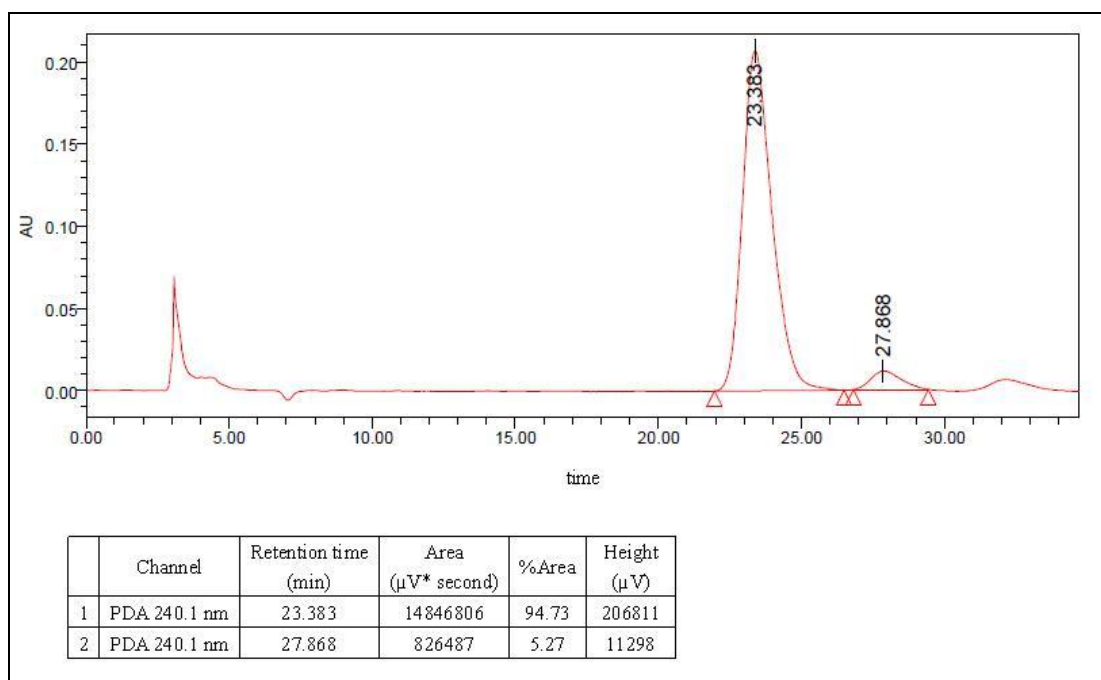


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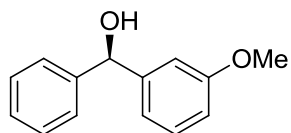
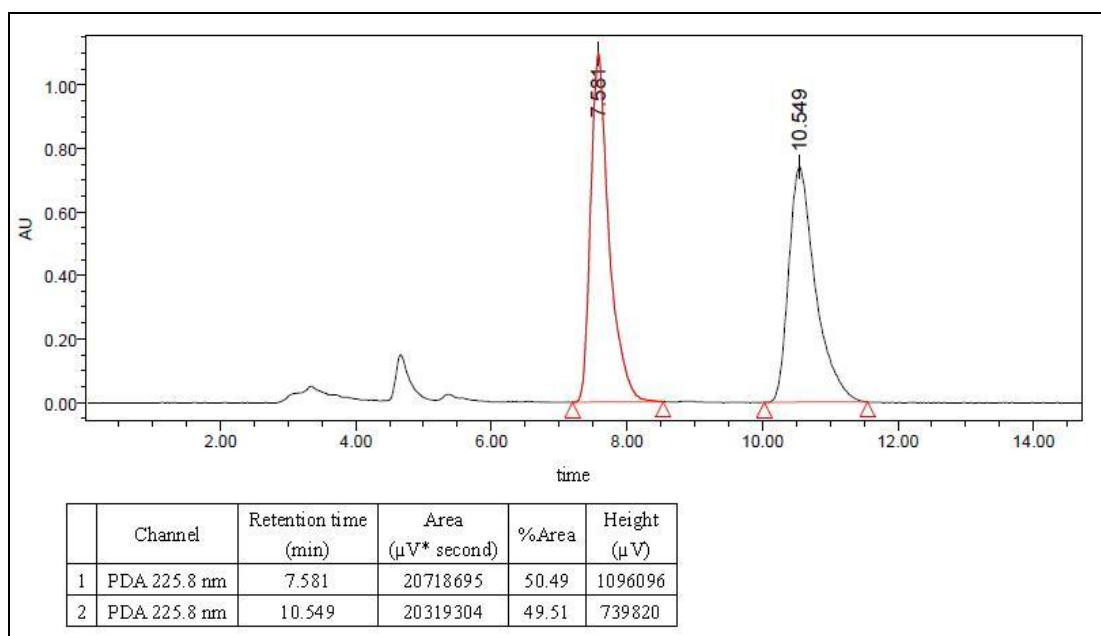
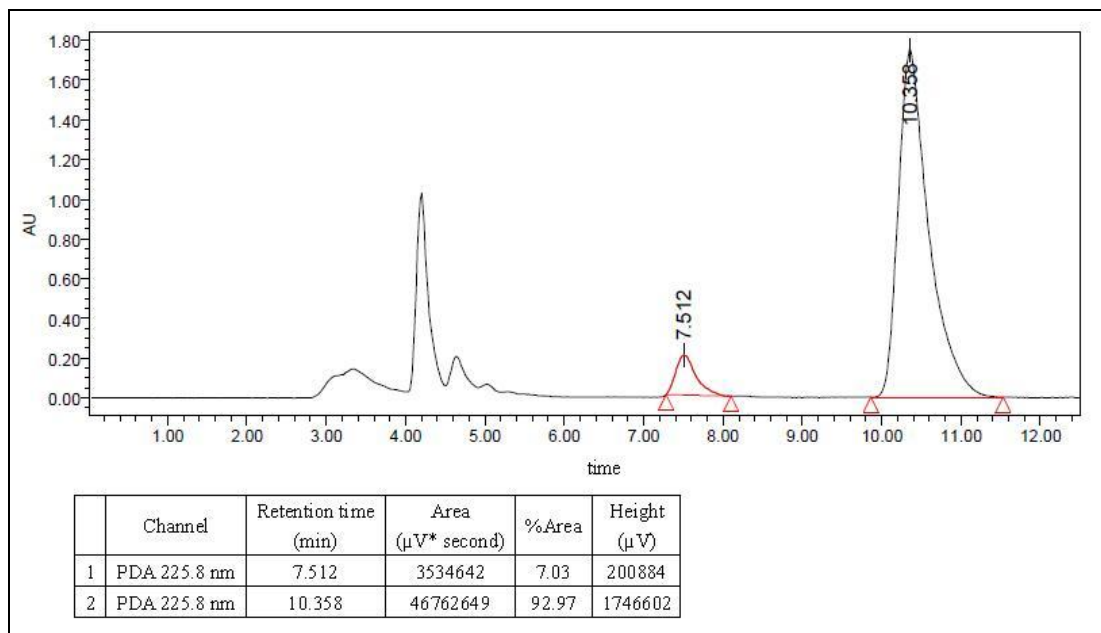


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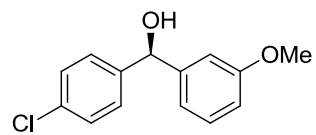
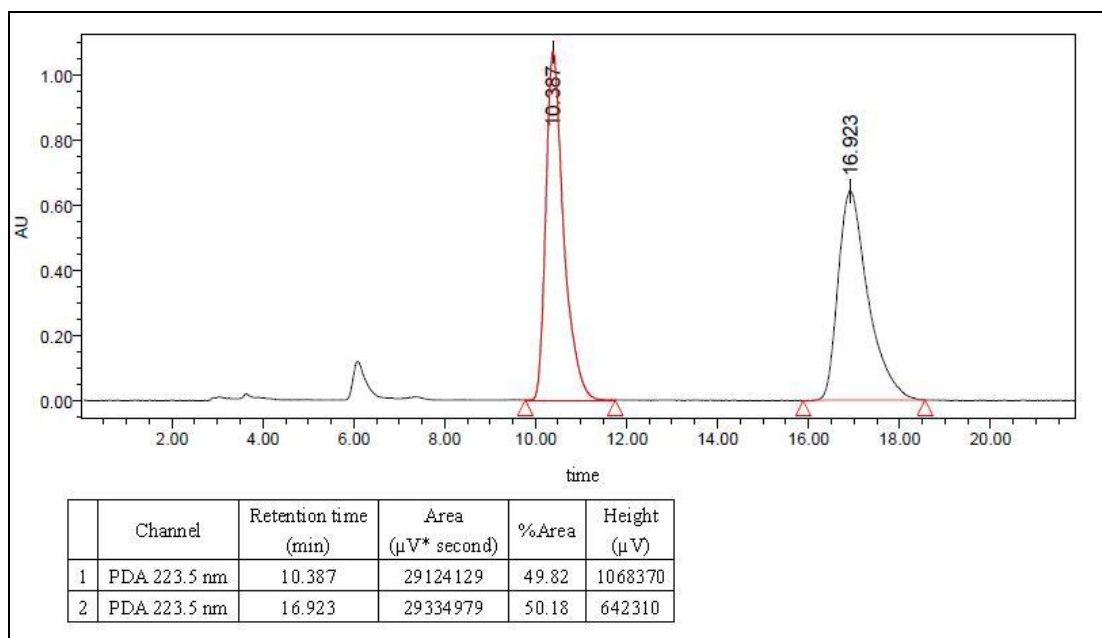
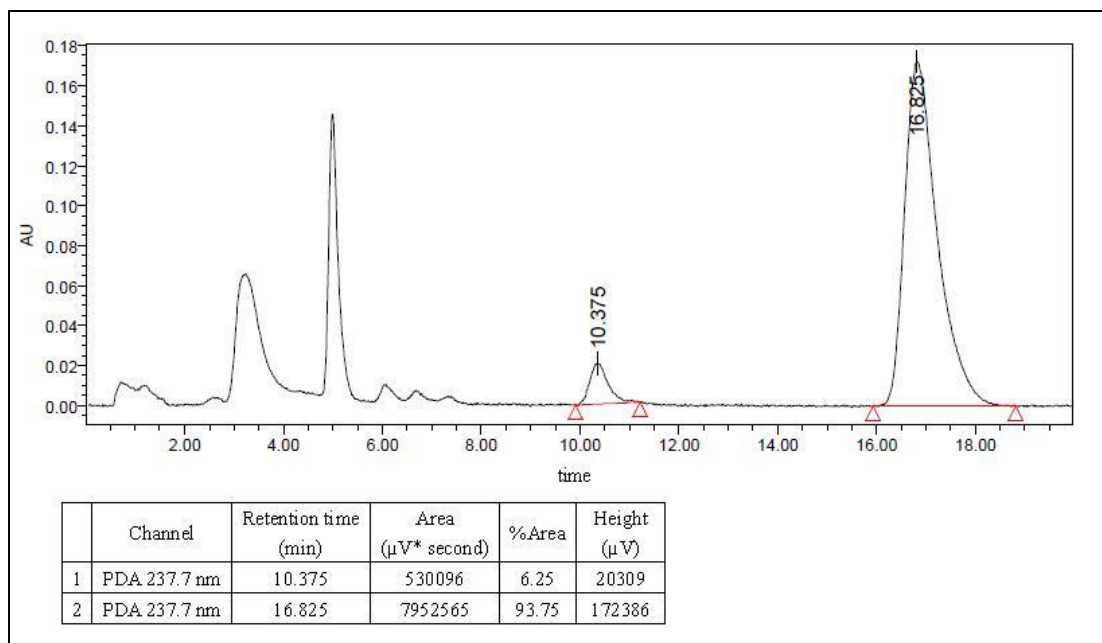


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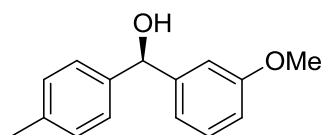
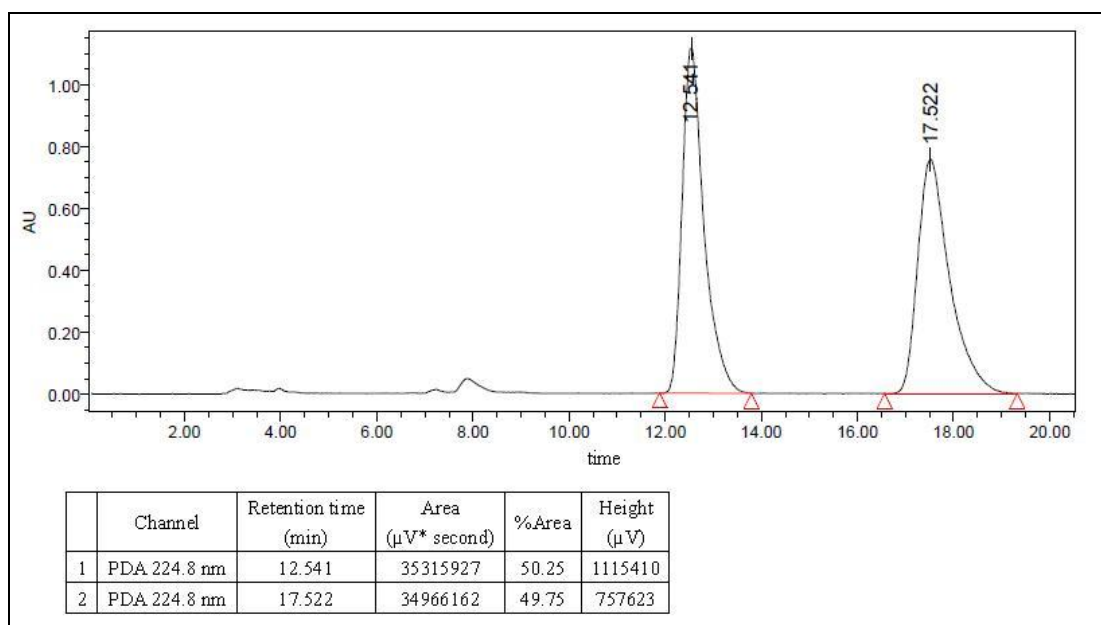
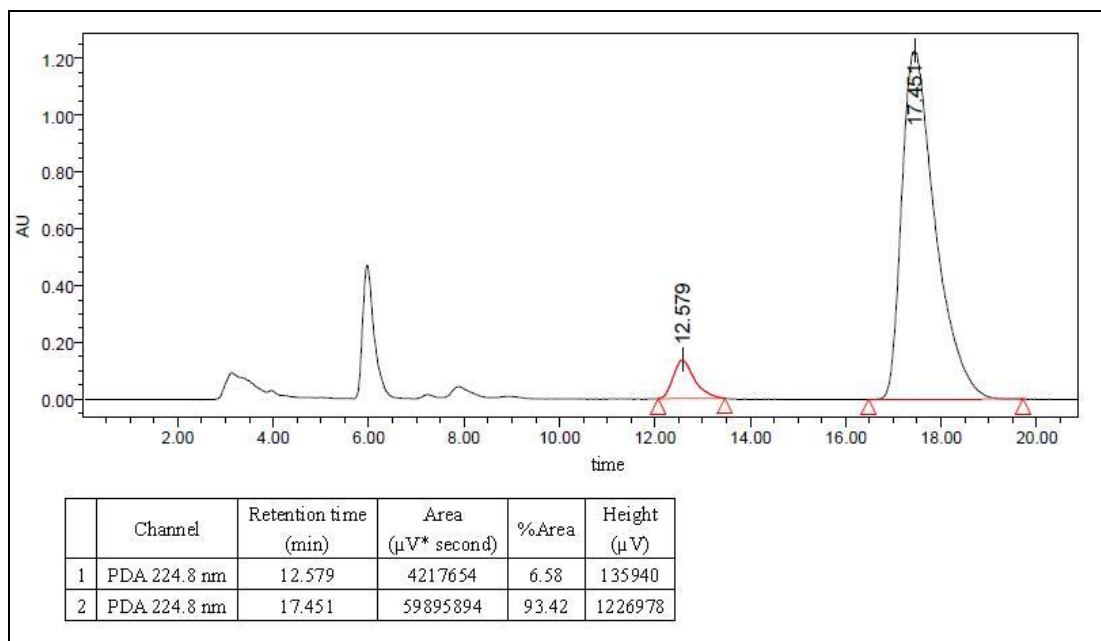


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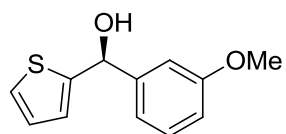
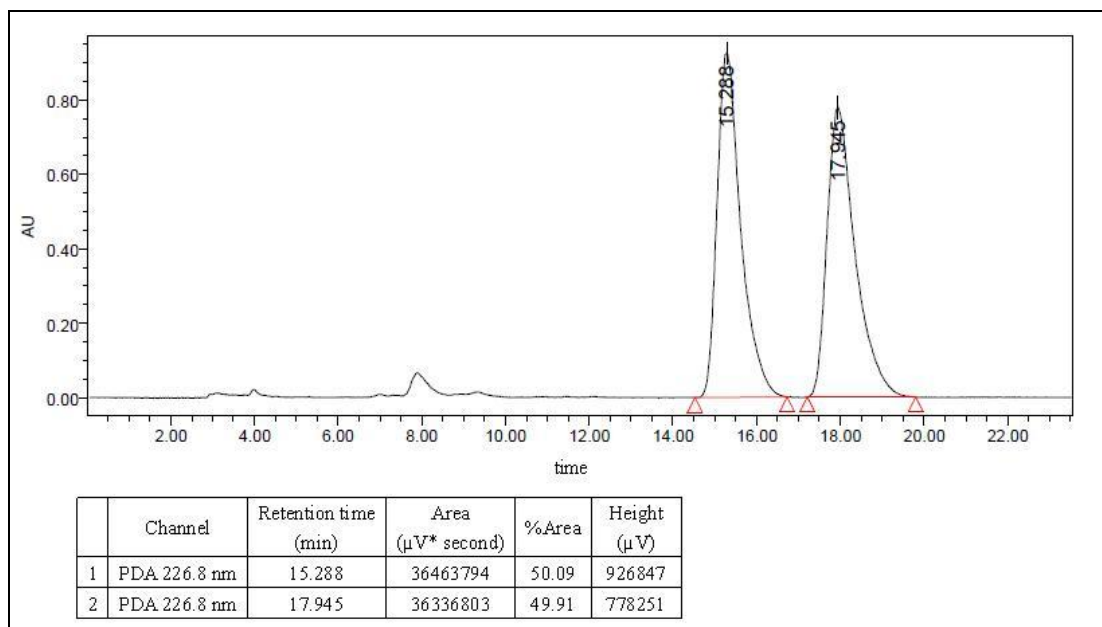
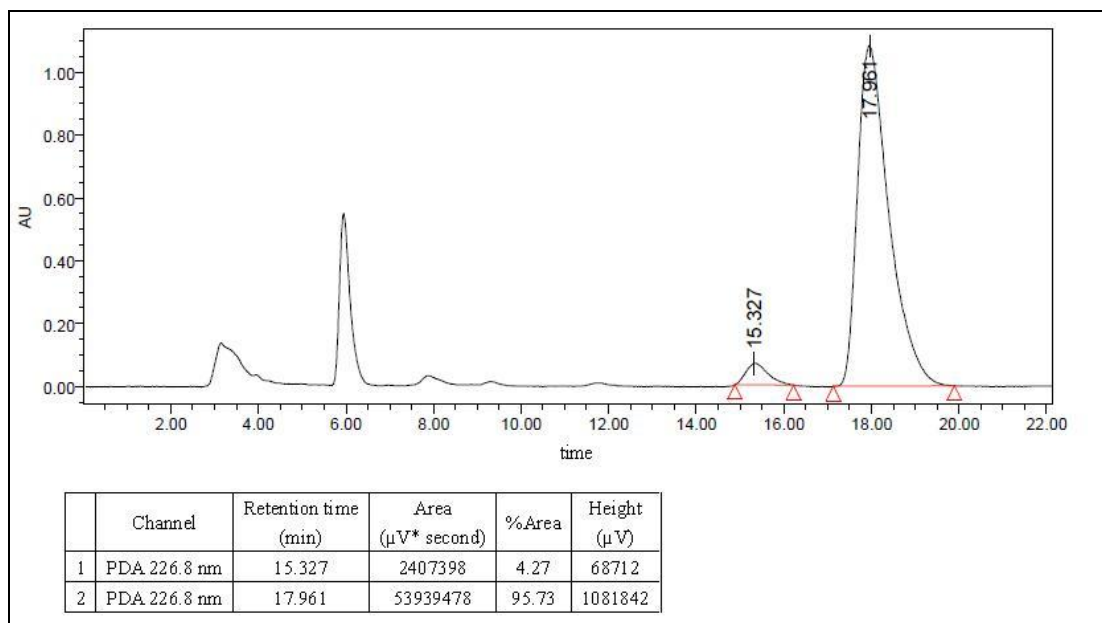


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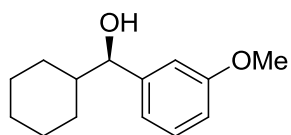
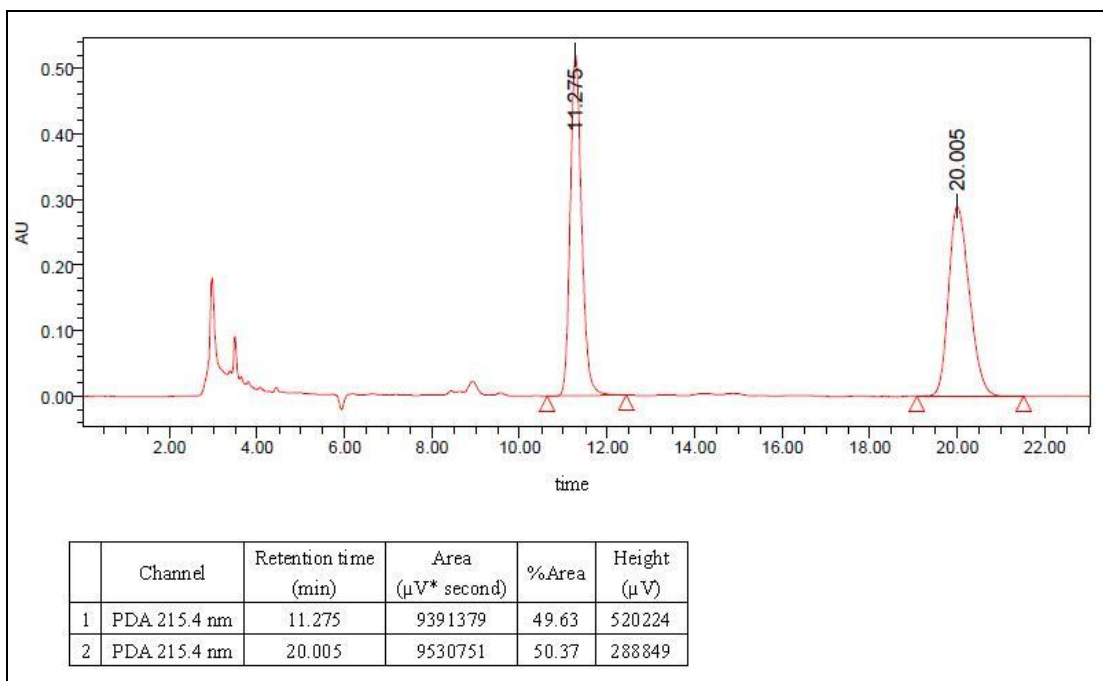
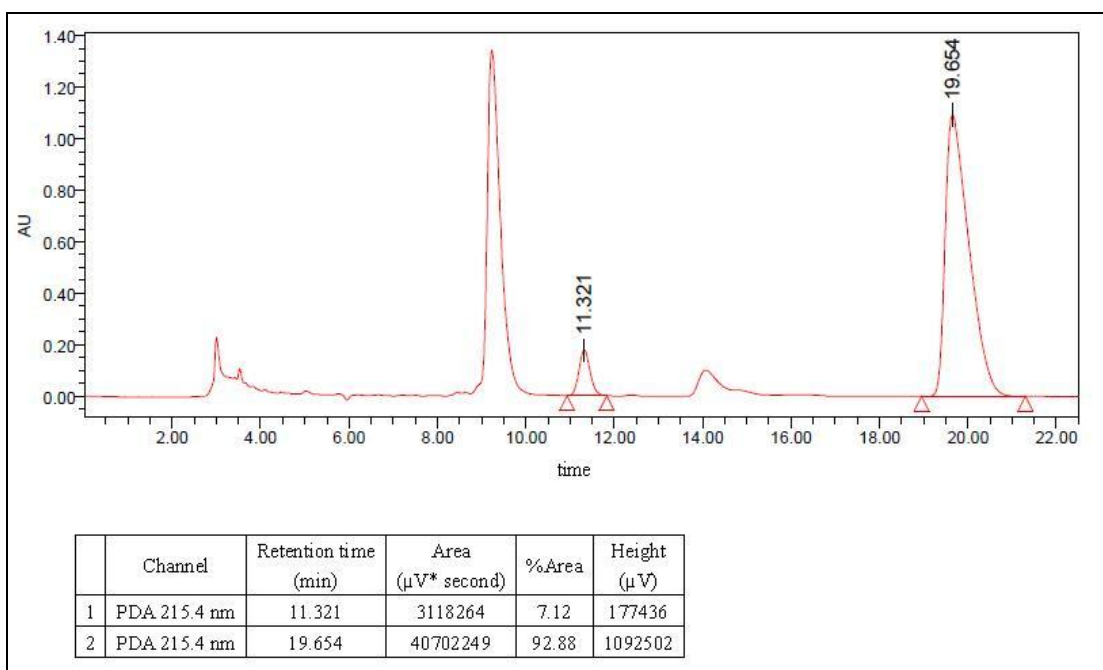


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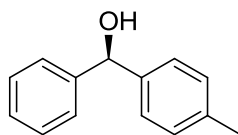
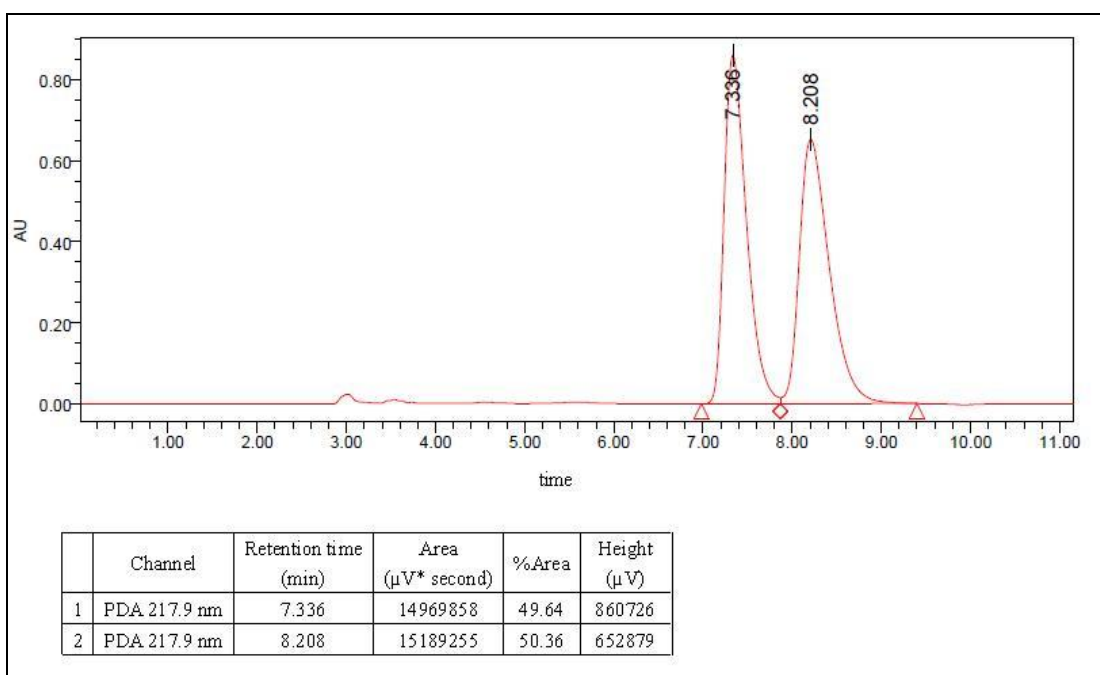
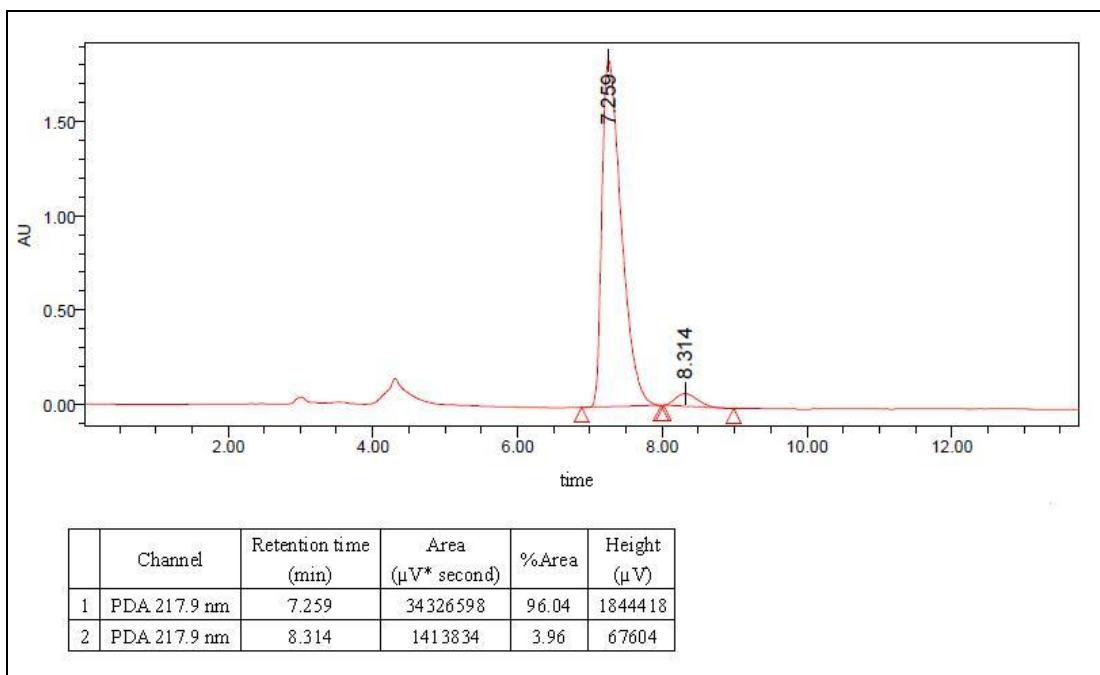


Table 2, entry 29, **29**



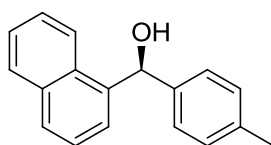
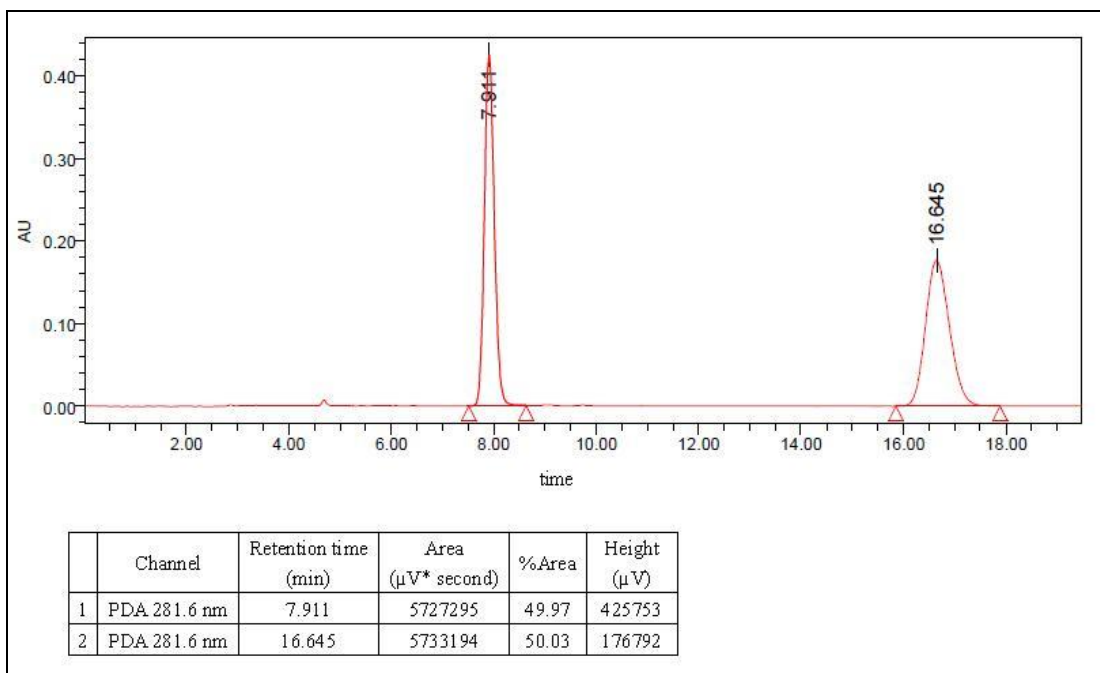
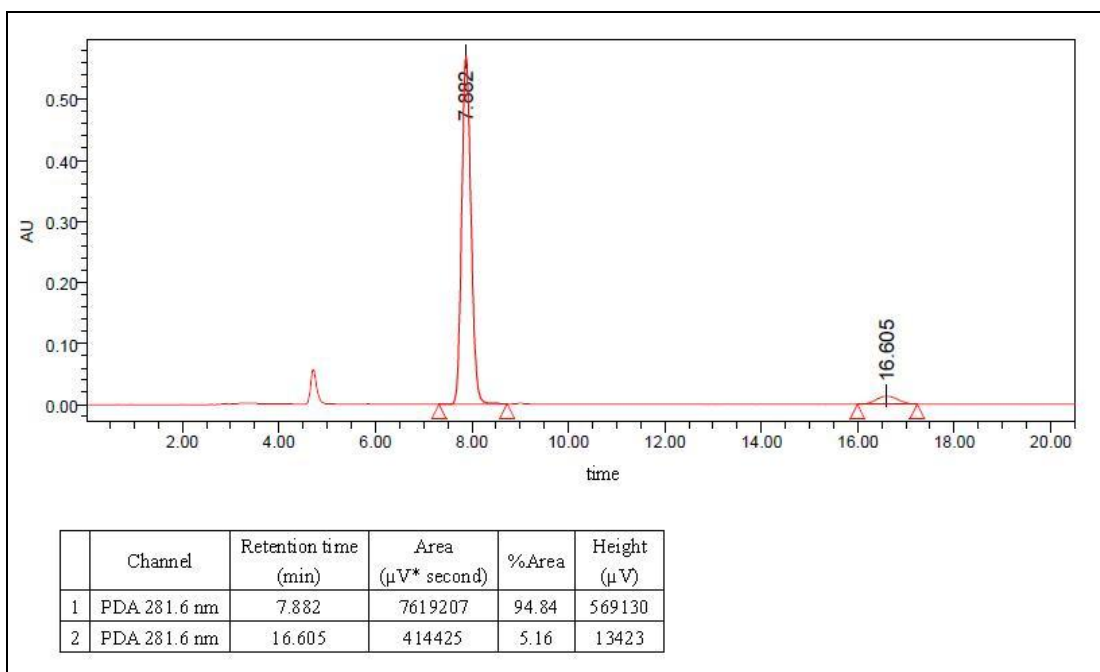


Table 2, entry 30, **30**



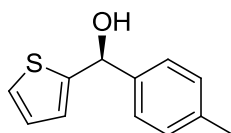
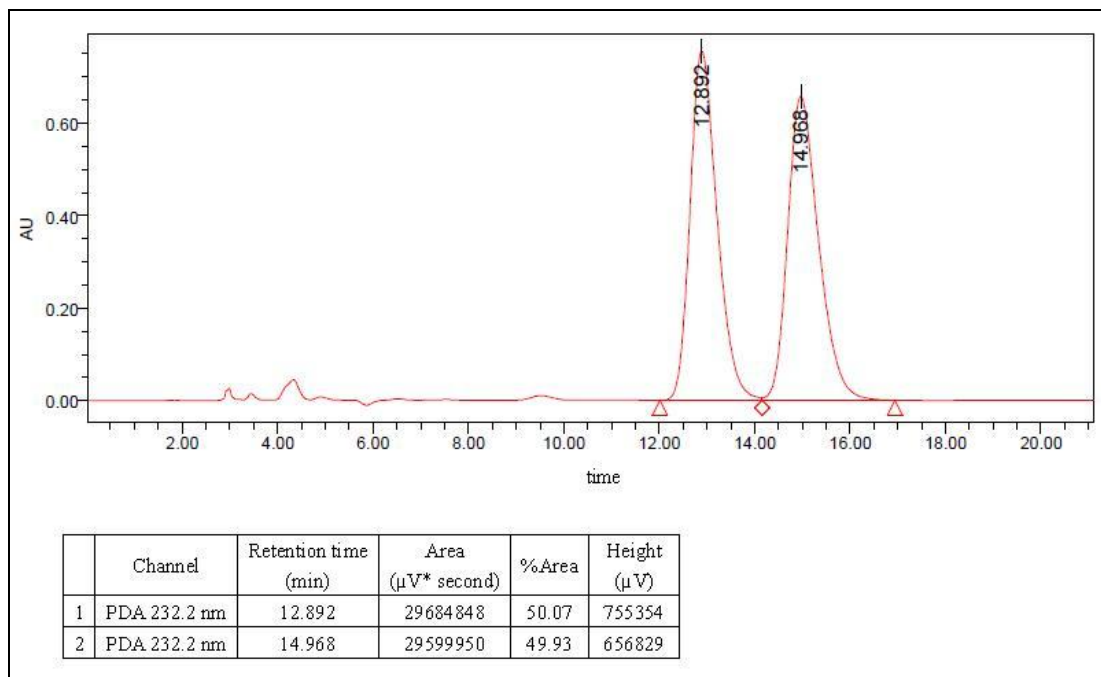
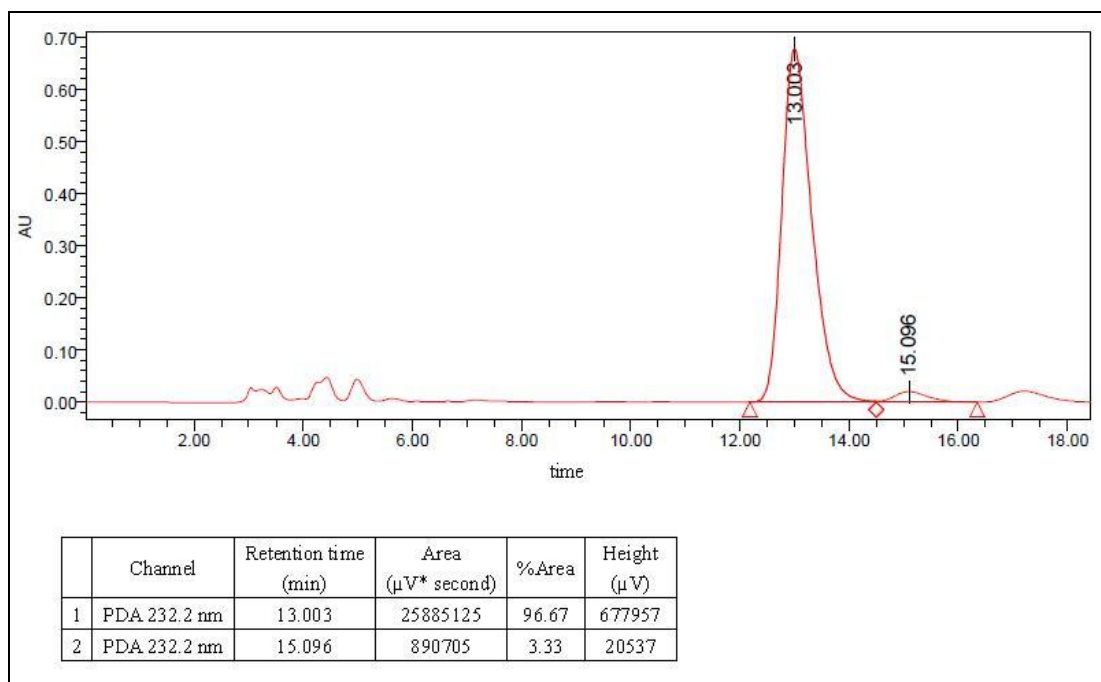


Table 2, entry 31, **31**



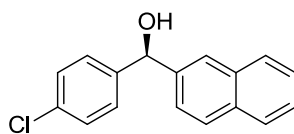
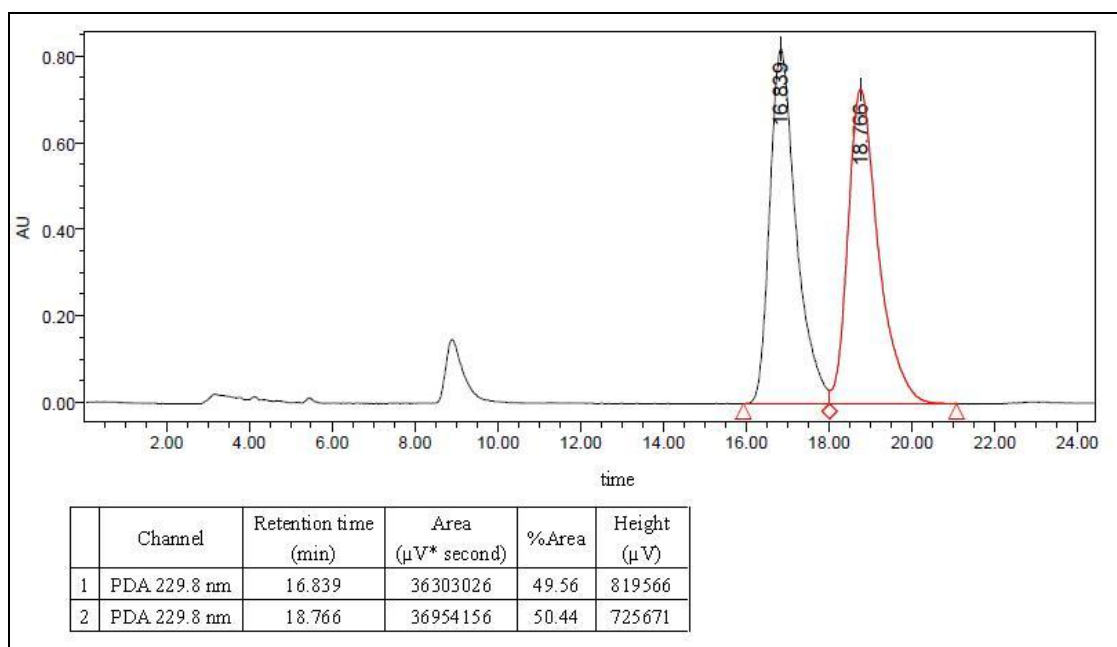
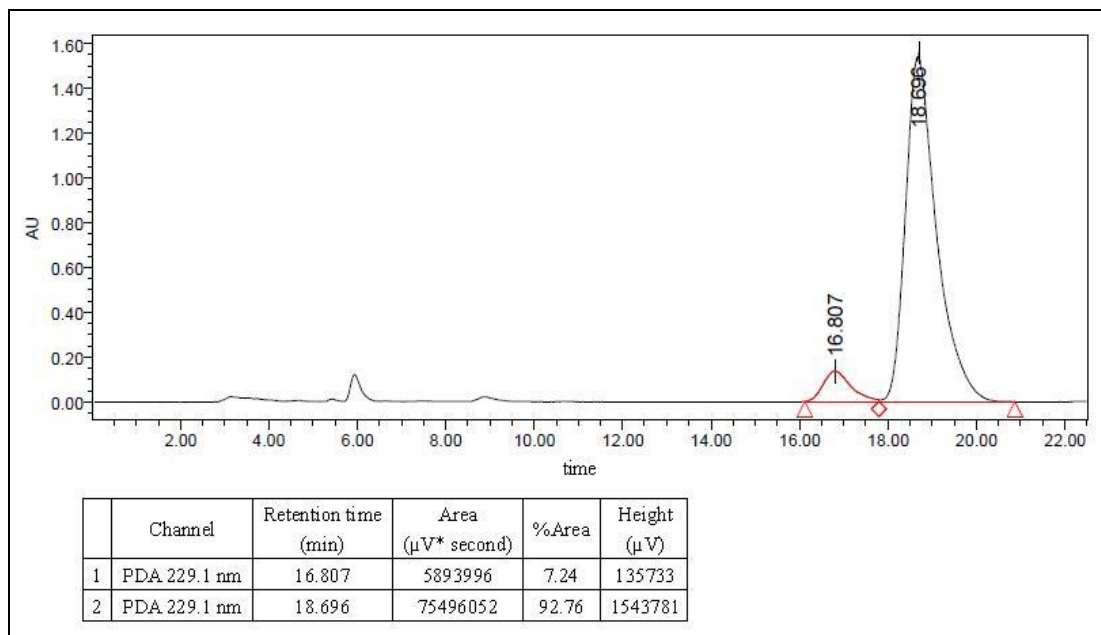


Table 2, entry 32, **32**



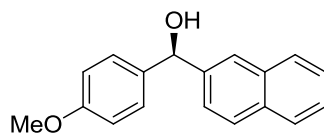
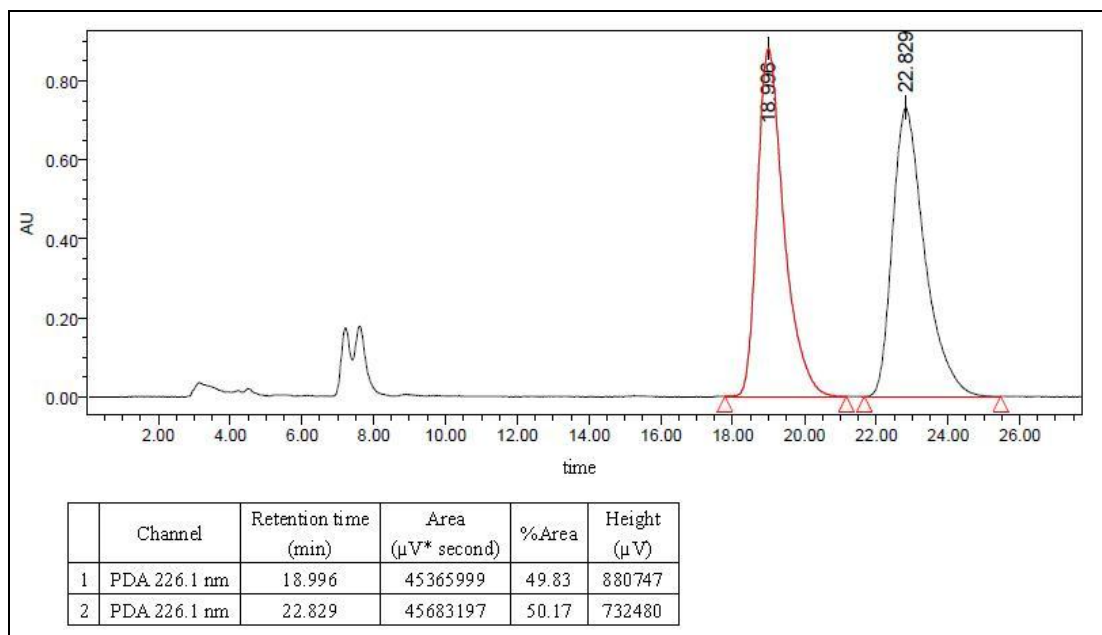
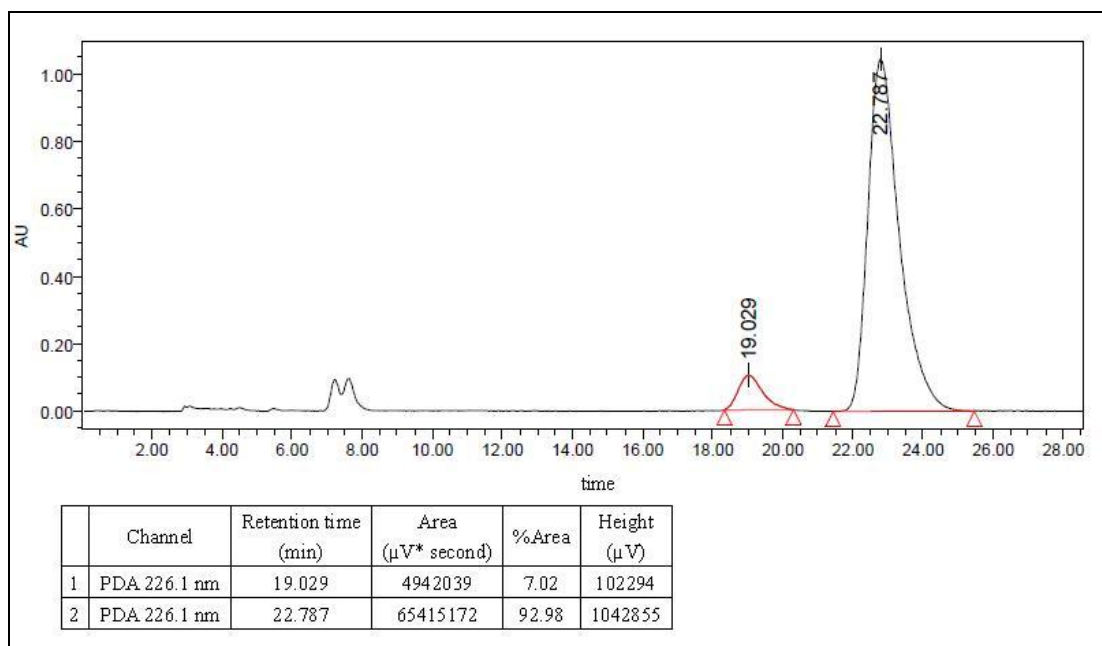


Table 2, entry 33, **33**



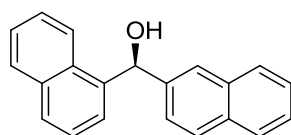
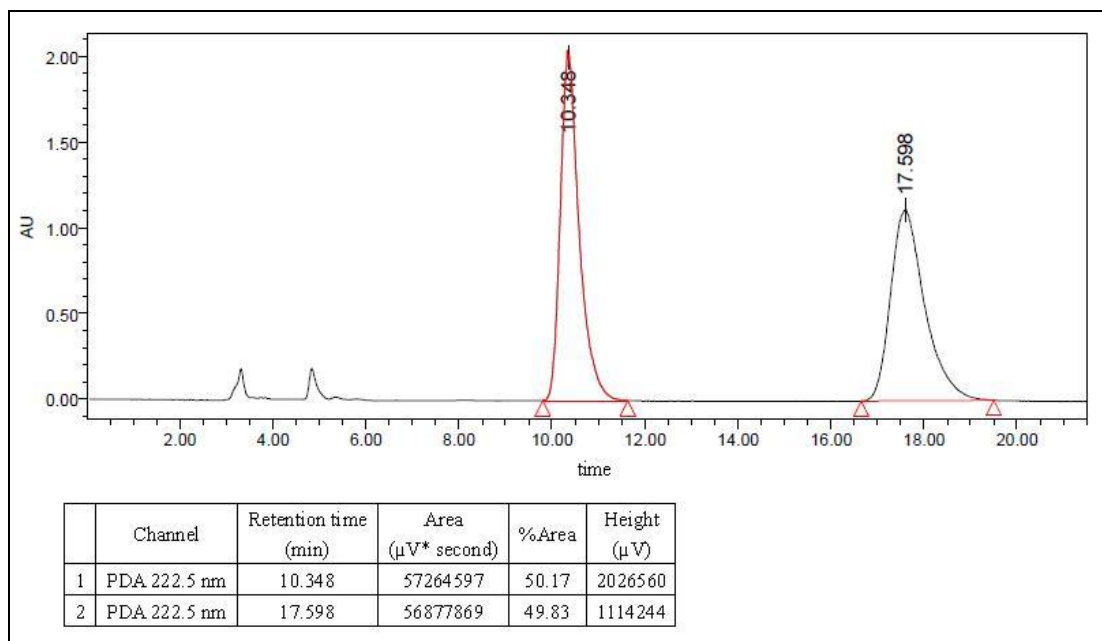
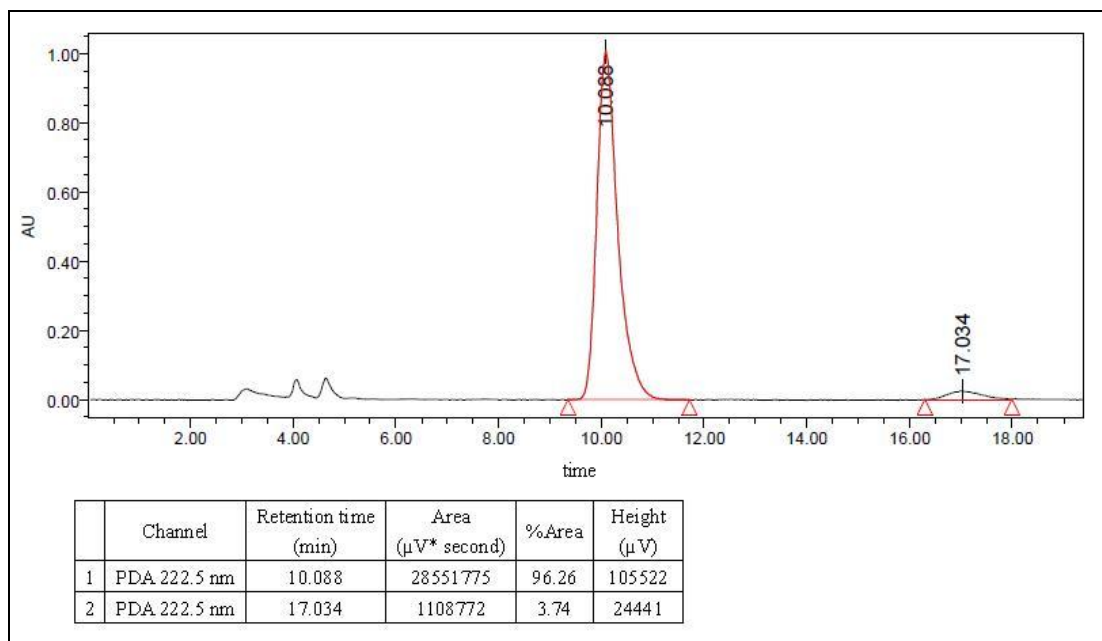


Table 2, entry 34, **34**



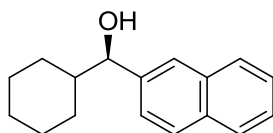
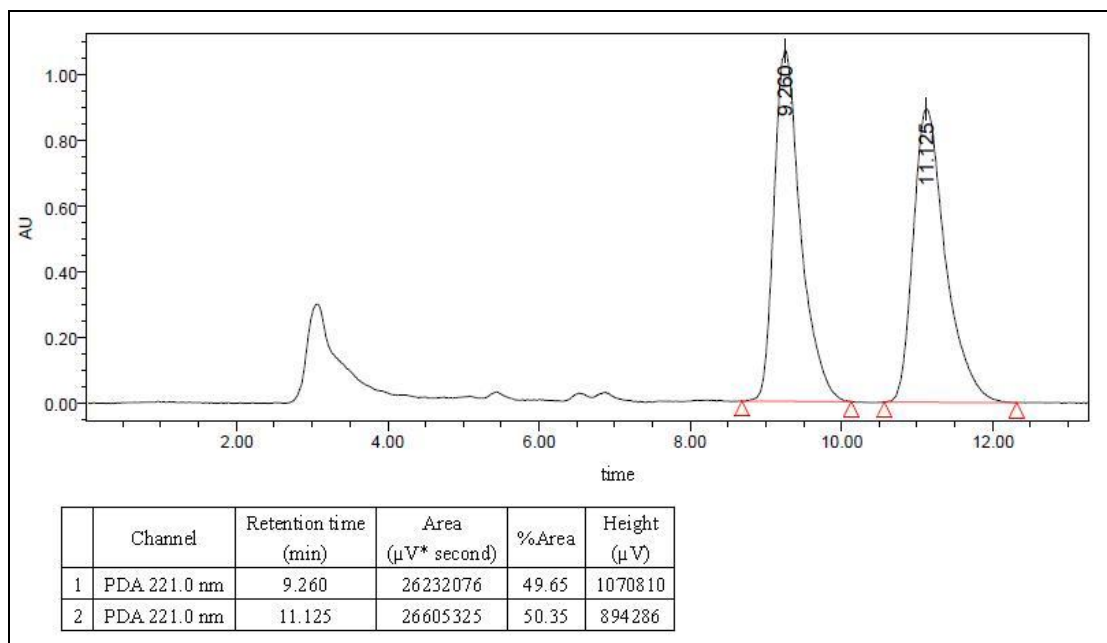
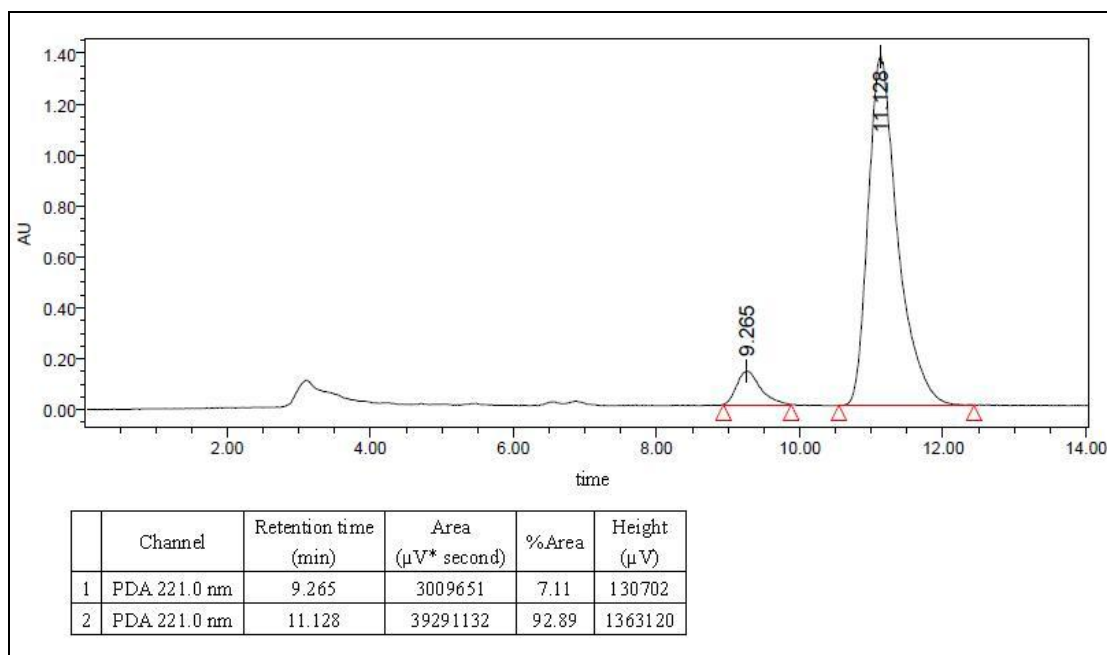


Table 2, entry 35, **35**



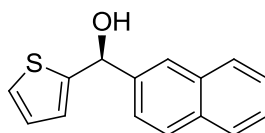
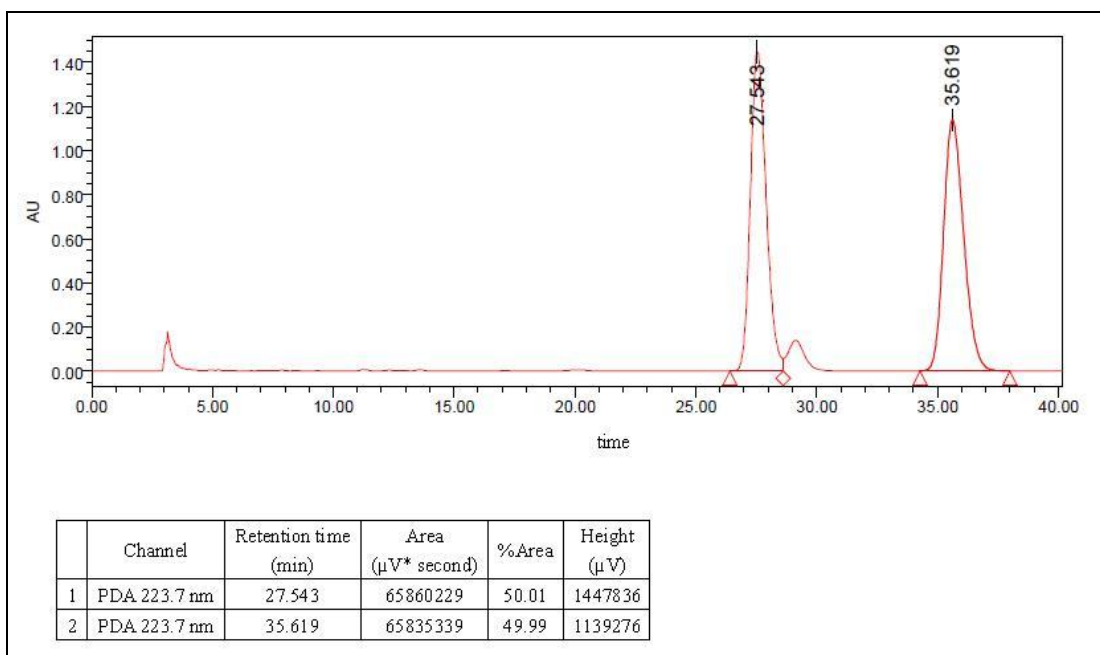
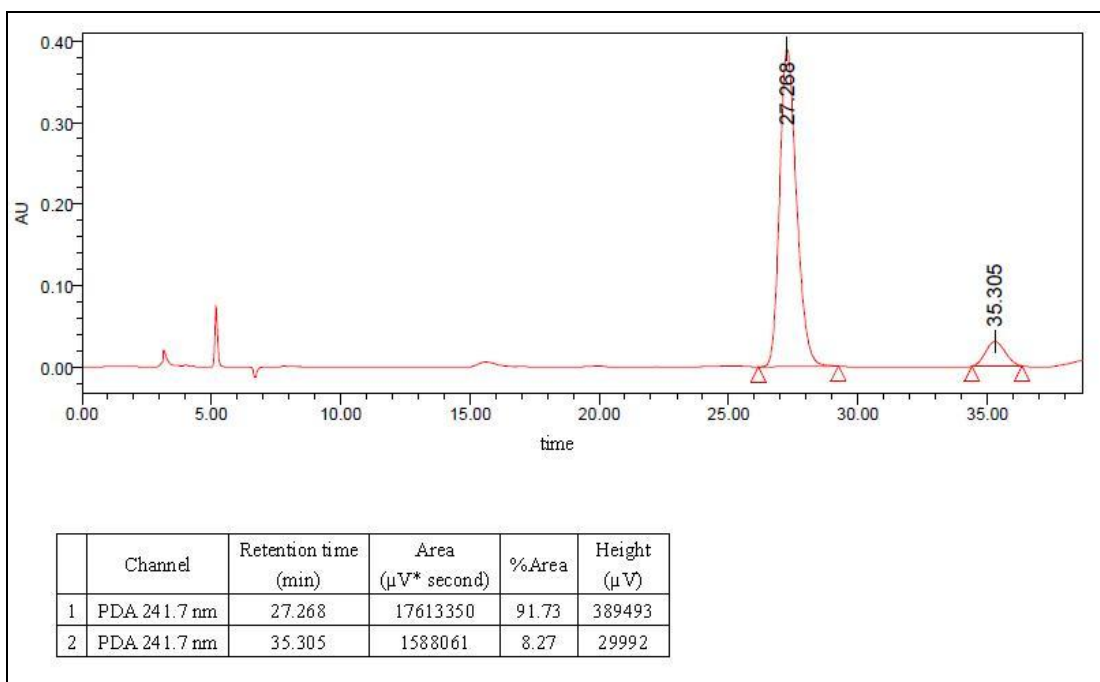


Table 2, entry 36, **36**



2. NMR Spectra

