Gas Chromatography Mass Spectrometry Detector (GCMS)

Month: February 2017

	Type of Analysis	Column	HS/AS	Screening/ Profiling	GC-Oven Temp. Program	HS-Method	Total Run Time (Min)	Schedule (Date/Month)
1.	Hydrocarbon mixture / others	HP5MS	AS	Profiling	70°C (2 min) 30°C/ min to 150°C (2 min) 5°C/ min to 310°C (6 min)	-	45	15-29/2

* HS = headspace

AS = Autosampler

Month: March 2017

No.	Type of Analysis	Column	HS/AS	Screening/ Profiling	GC-Oven Temp. Program	HS-Method	Total Run Time (Min)	Schedule (Date/Month)
1.	Volatile comp./ alcohol	DB - 624	HS	screening	40°C (4 min) 10°C/ min to 65°C (4 min)	85°C 95°C	25	1-18/3

					50°C/ min to 150°C (0 min)	105°C 10 min		
2.	Fame	HP - 88	AS	Profiling	140°C (5 min) 4°C/ min to 240°C (15 min)	-	45	21-31/3

* HS = headspace

AS = Autosampler

Month: April 2017

No.	Type of Analysis	Column	HS/AS	Screening/ Profiling	GC-Oven Temp. Program	HS-Method	Total Run Time (Min)	Schedule (Date/Month)
1.	Fame / others	DB-WAX	AS	Profiling	70°C (2 min) 30°C/ min to 150°C (2 min) 5°C/ min to 310°C (6 min)	-	45	4-22/4

* HS = headspace

AS = Autosampler

Month: Mei 2017

No.	Type of Analysis	Column	HS/AS	Screening/ Profiling	GC-Oven Temp. Program	HS-Method	Total Run Time (Min)	Schedule (Date/Month)
1.	Fame	HP - 88	AS	Profiling	140°C (5 min) 4°C/ min to 240°C (15 min)	-	45	2-27/5

* HS = headspace

AS = Autosampler

Month: June 2017

No.	Type of Analysis	Column	HS/AS	Screening/ Profiling	GC-Oven Temp. Program	HS-Method	Total Run Time (Min)	Schedule (Date/Month)
1.	Volatile comp./ alcohol	DB - 624	HS	screening	40°C (4 min) 10°C/ min to 65°C (4 min) 50°C/ min to 150°C (0 min)	85°C 95°C 105°C 10 min	25	6-30/6

* HS = headspace

AS = Autosampler

Policy – (1) All samples MUST be delivered to staff in-charge before 9.00 am of the actual date. No late delivery will be accepted.

(2) All required paperwork are completed according to terms and conditions.

(3) Results of analysis could be obtained on the next day.

(4) IPPH has the right to accommodate any unavoidable changes deem necessary

All enquiries please contact: Pn. Haslina Mohamad (Science Officer)

Email: haslina_mohamad@upm.edu.my

No. Tel: 03-8947 1341