

Status 2nd OGTAC-CC ILC within ACTRIS

*2nd OGTAC-CC community meeting within the framework of the
CAIS-ECAC CF 04/2026*



2nd ILC target compounds from module 4-6:

- Participation of the exploratory NFs was obligatory
- 7 European research laboratories registered
- 9 different analytical protocols will be applied
- Lab code 1-9

Module 4 Biogenic SOA - acids	
1	Terebic acid
2	Vanillic acid
3	Isovanillic acid
4	MBTCA
5	Norpinonic acid
6	Pinic acid
7	Pinonic acid
Module 5 SOA - aldehydes	
1	Vanillin
2	Syringaldehyde
3	Coniferyl aldehyde
4	Acetosyringone (3,5-dimethoxy-4-hydroxyacetophenone)
Module 6 SOA - nitroaromatics	
1	2-Nitrophenol
2	4-nitrophenol
3	2,4 Dinitrophenol
4	3-Nitrocatechol
5	4-nitrocatechol
6	2-methyl-4-nitrophenol
7	4-Nitroguaiacol
8	4-Methyl-5-nitrocatechol
9	3-methyl-5-nitrocatechol

- 3x real field samples
- 1x blank filter
- Triplicate analysis, each sample 3 times full procedure – 12 samples in total
- 2x standard solutions (methanol based)
- 3 injections each
- Participants should use their individual analytical measurement protocol but need to follow the guidelines given by the CC with respect to:
 - Number of injections
 - Number of sample runs (repetitions)
 - Sequence design
 - Documentation

Participants (alphabetically sorted here, does not correspond to the laboratory code):

Group (NF)	PI/contact	Analytical method
CEAM (Euphore)	Amalia Munoz / Esther Borrás	GC-MS
ICPF	Jaroslav Schwarz	IC-MS
LGGE	Sophie Darfeuil / Rhabira Elazzouzi	IC-MS
IPISPAN	Katarzyna Jaworek	GC-MS
INERIS	Alexandre Albinet /Valerie Minguet	GC-MS
LISA	Thomas Bertin / Aline Gratien	GC-MS / LC-MS
TROPOS (ACD-C)	Hartmut Herrmann / Peter Mettke	LC-MS

- Duration: 3 months (March-June 2026) for the full program
- Each participant received filter punches of 2cm Ø
- Provision of results until June 12 2026

2nd OGTAC-CC community meeting 2026 (online) – Agenda Tuesday April 28	
13:00 - 13:10	Welcome
13:10 - 13:30	General overview / status of OGTAC-CC
13:30 - 14:00	Current status of the Technical Requirements documentation
14:00 - 14:15	Current status of the measurement guidelines documentation
14:15 - 14:30	Instrument data base, offline data workflow, labelling status
14:30 - 14:45	Coffee break
14:45 - 15:00	Review 1 st ILC on BB tracer compounds (<i>modules 1+2</i>)
15:00 - 15:15	Presentation of the latest ILC on SOA tracer compounds (<i>modules 4-6</i>)
15:15 - 15:45	Information about the next ILCs
	a) Biennial ILC on <i>modules 1+2</i> autumn 2026
	b) 1 st ILC on PAHs (<i>module 7</i>) spring 2027
15:45 – 16:00	Open discussion