SERVICE REPORT

Job Number:	IN1345 Quote: ------- Sage: ----------		
Customer:	Natural Resources Institute Finland (LUKE)		
Contact:	Elina Sahlstedt (00358504324879)		
Instrument:	HS2022 (204024-20241345), Hydra 2022 (20181166)		
Date of Visit:	13-15.10.2026 Days: 3		
Engineer:	Robert Kameny		
Reason for Visit:			
Service Visit			
Service Contract?	**Yes** / No	Expires:	N/A
Warranty?	Yes / ~~No~~	Expires:	30.1.2027
Tick as Applicable:	~~Call Out / Routine Service~~ / Warranty / ~~Emergency / Contract Visit~~		

Details of Visit:

IN1345 LUKE re-visit Oct 2026

- Ongoing stability issues
- System controller repaired x2
- Ion source repaired x2
- RK to attend to re-fit and assess the situation

HS 2022

- P-mag: observed peak shape and stability (Verdict: Stable)
- E-Mag: observed 2/1 CO2 stability and 3/1 CO stability: stable across all 3 beams
- Best Spec CO ref gas precision Day 2 chieved 0.12‰std
- Best Spec CO ref gas precision Day 3 chieved 0.02‰std
- Laser Ablation Celulose Precision Day3 achieved 0.22‰std (18O)& 0.36‰std (13C)

Hydra 2022

- Day 1 e-mag found cold- needs warming up
- Day 2 CO ref gas prec. predominantly acceptable, but fairly high std due to one sample
- Decided to re-tune and allow to condition overnight
- Day 3 CO ref gas prec. achieved 0.02 ‰std (13C)& 0.11‰std (180)
- Att. isolation valve on the LA circuit keeps getting partially jammed when opening up(directly replaced with another valve from customer`s own stock)
- Both mass specs released back to service 15th Oct 2026

SERVICE REPORT

Recommendations:
n/a

Follow Up:
n/a

Parts Used:	*Stock Number:*	*Quantity:*	*Charge:*
		Total:	n/a

Engineer: Robert Kameny Date: 26.10.2026

Signed: 

Customer: Elina Sahlstedt Date: 27.10.2026

Signed: 

Sercon Ltd
Unit 3B Crewe Trade Park
Gateway, Crewe, Cheshire
CW1 6JT U.K.
Company Registration No.: 4290072

Phone: +44 (0) 1270 580008
Fax: +44 (0) 1270 252310

www.sercongroup.com
VAT No.: 771 1100 74

Sercon Ltd
Unit 3B Crewe Trade Park
Gateway, Crewe, Cheshire
CW1 6JT U.K.
Company Registration No.: 4290072

Phone: +44 (0) 1270 580008
Fax: +44 (0) 1270 252310

www.sercongroup.com
VAT No.: 771 1100 74

SERVICE REPORT

NOTES:

Sercon Ltd
Unit 3B Crewe Trade Park
Gateway, Crewe, Cheshire
CW1 6JT U.K.
Company Registration No.: 4290072

Phone: +44 (0) 1270 580008
Fax: +44 (0) 1270 252310

www.sercongroup.com
VAT No.: 771 1100 74