

Mono-Octa PCN Calibration Solutions (CS1-CS5) ((unlabelled)/13C10, 99%)

Art. ID CIL-ECN-5577
Unit 5 x 0,25mL
Deliverydetails De Minimis UN1920 III E1

Description

Chemical purity: 98%

| Text/Information | Analyte/Parameter | CAS number | Concentration/Value | Unit | Method | Source |
|------------------|--------------------------------------|---------------|---------------------|-------|--------|--------|
| CS1, PCN 2 | 2-Monochloronaphthalene | [91-58-7] | 0,2 | ng/mL | | |
| CS1, PCN 6 | 1,5-Dichloronaphthalene | [1825-30-5] | 0,2 | ng/mL | | |
| CS1, PCN 13 | 1,2,3-Trichloronaphthalene | [50402-52-3] | 0,2 | ng/mL | | |
| CS1, PCN 28 | 1,2,3,5-Tetrachloronaphthalene | [53555-63-8] | 0,2 | ng/mL | | |
| CS1, PCN 42 | 1,3,5,7-Tetrachloronaphthalene | [53555-64-9] | 0,2 | ng/mL | | |
| CS1, PCN 46 | 1,4,5,8-Tetrachloronaphthalene | [3432-57-3] | 0,2 | ng/mL | | |
| CS1, PCN 48 | 2,3,6,7-Tetrachloronaphthalene | [34588-40-4] | 0,2 | ng/mL | | |
| CS1, PCN 49 | 1,2,3,4,5-Pentachloronaphthalene | [67922-25-2] | 0,2 | ng/mL | | |
| CS1, PCN 50 | 1,2,3,4,6-Pentachloronaphthalene | [67922-26-3] | 0,2 | ng/mL | | |
| CS1, PCN 52 | 1,2,3,5,7-Pentachloronaphthalene | [53555-65-0] | 0,2 | ng/mL | | |
| CS1, PCN 53 | 1,2,3,5,8-Pentachloronaphthalene | [150224-24-1] | 0,2 | ng/mL | | |
| CS1, PCN 66 | 1,2,3,4,6,7-Hexachloronaphthalene | [103426-96-6] | 0,2 | ng/mL | | |
| CS1, PCN 70 | 1,2,3,6,7,8-Hexachloronaphthalene | [17062-87-2] | 0,2 | ng/mL | | |
| CS1, PCN 72 | 1,2,4,5,7,8-Hexachloronaphthalene | [103426-92-2] | 0,2 | ng/mL | | |
| CS1, PCN 73 | 1,2,3,4,5,6,7-Heptachloronaphthalene | [58863-14-2] | 0,2 | ng/mL | | |
| CS1, PCN 75 | Octachloronaphthalene | [2234-13-1] | 0,2 | ng/mL | | |

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|-----------------------|-----------------------------------------------------------------|-------------------------|----|-------|
| CS1, PCN 2, Cleanup | 2-Monochloronaphthalene (13C10,99%) | [91-58-7]/unlabelled | 10 | ng/mL |
| CS1, PCN 6, Cleanup | 1,5-Dichloronaphthalene (13C10,99%) | [1825-30-5]/unlabelled | 10 | ng/mL |
| CS1, PCN 13, Cleanup | 1,2,3-Trichloronaphthalene (13C10,99%) | [50402-52-3]/unlabelled | 10 | ng/mL |
| CS1, PCN 42, Cleanup | 1,3,5,7-Tetrachloronaphthalene (13C10,99%) | [219526-43-9] | 10 | ng/mL |
| CS1, PCN 52, Cleanup | 1,2,3,5,7-Pentachloronaphthalene (13C10,99%) | [53555-65-0]/unlabelled | 10 | ng/mL |
| CS1, PCN 67, Cleanup | 1,2,3,5,6,7-Hexachloronaphthalene (13C10,99%) | [219526-47-3] | 10 | ng/mL |
| CS1, PCN 73, Cleanup | 1,2,3,4,5,6,7-Heptachloronaphthalene (13C10,99%) | [58863-14-2]/unlabelled | 10 | ng/mL |
| CS1, PCN 75, Cleanup | Octachloronaphthalene (13C10,99%) | [2234-13-1]/unlabelled | 10 | ng/mL |
| CS1, PCB-9, Syringe | 2,5-Dichlorobiphenyl (13C12,99%) (IUPAC #9) | [250694-89-4] | 10 | ng/mL |
| CS1, PCB-52, Syringe | 2,2',5,5'-Tetrachlorobiphenyl (13C12,99%) (IUPAC #52) | [208263-80-3] | 10 | ng/mL |
| CS1, PCB-101, Syringe | 2,2',4,5,5'-Pentachlorobiphenyl (13C12,99%) (IUPAC #101) | [104130-39-4] | 10 | ng/mL |
| CS1, PCB-138, Syringe | 2,2',3,4,4',5'-Hexachlorobiphenyl (13C12,99%) (IUPAC #138) | [208263-66-5] | 10 | ng/mL |
| CS1, PCB-194, Syringe | 2,2',3,3',4,4',5,5'-Octachlorobiphenyl (13C12,99%) (IUPAC #194) | [208263-74-5] | 10 | ng/mL |
| CS1, PCN 9, Sampling | 1,8-Dichloronaphthalene (13C10,99%) | | 10 | ng/mL |
| CS2, PCN 2 | 2-Monochloronaphthalene | [91-58-7] | 1 | ng/mL |
| CS2, PCN 6 | 1,5-Dichloronaphthalene | [1825-30-5] | 1 | ng/mL |
| CS2, PCN 13 | 1,2,3-Trichloronaphthalene | [50402-52-3] | 1 | ng/mL |
| CS2, PCN 28 | 1,2,3,5-Tetrachloronaphthalene | [53555-63-8] | 1 | ng/mL |

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|----------------------|--------------------------------------------------|-------------------------|----|--|-------|
| | thalene | | | | |
| CS2, PCN 42 | 1,3,5,7-Tetrachloronaphthalene | [53555-64-9] | 1 | | ng/mL |
| | thalene | | | | |
| CS2, PCN 46 | 1,4,5,8-Tetrachloronaphthalene | [3432-57-3] | 1 | | ng/mL |
| | thalene | | | | |
| CS2, PCN 48 | 2,3,6,7-Tetrachloronaphthalene | [34588-40-4] | 1 | | ng/mL |
| | thalene | | | | |
| CS2, PCN 49 | 1,2,3,4,5-Pentachloronaphthalene | [67922-25-2] | 1 | | ng/mL |
| | phthalene | | | | |
| CS2, PCN 50 | 1,2,3,4,6-Pentachloronaphthalene | [67922-26-3] | 1 | | ng/mL |
| | phthalene | | | | |
| CS2, PCN 52 | 1,2,3,5,7-Pentachloronaphthalene | [53555-65-0] | 1 | | ng/mL |
| | phthalene | | | | |
| CS2, PCN 53 | 1,2,3,5,8-Pentachloronaphthalene | [150224-24-1] | 1 | | ng/mL |
| | phthalene | | | | |
| CS2, PCN 66 | 1,2,3,4,6,7-Hexachloronaphthalene | [103426-96-6] | 1 | | ng/mL |
| | aphthalene | | | | |
| CS2, PCN 70 | 1,2,3,6,7,8-Hexachloronaphthalene | [17062-87-2] | 1 | | ng/mL |
| | aphthalene | | | | |
| CS2, PCN 72 | 1,2,4,5,7,8-Hexachloronaphthalene | [103426-92-2] | 1 | | ng/mL |
| | aphthalene | | | | |
| CS2, PCN 73 | 1,2,3,4,5,6,7-Heptachloronaphthalene | [58863-14-2] | 1 | | ng/mL |
| | ronaphthalene | | | | |
| CS2, PCN 75 | Octachloronaphthalene | [2234-13-1] | 1 | | ng/mL |
| CS2, PCN 2, Cleanup | 2-Monochloronaphthalene (13C10,99%) | [91-58-7]/unlabelled | 10 | | ng/mL |
| CS2, PCN 6, Cleanup | 1,5-Dichloronaphthalene (13C10,99%) | [1825-30-5]/unlabelled | 10 | | ng/mL |
| CS2, PCN 13, Cleanup | 1,2,3-Trichloronaphthalene (13C10,99%) | [50402-52-3]/unlabelled | 10 | | ng/mL |
| CS2, PCN 42, Cleanup | 1,3,5,7-Tetrachloronaphthalene (13C10,99%) | [219526-43-9] | 10 | | ng/mL |
| CS2, PCN 52, Cleanup | 1,2,3,5,7-Pentachloronaphthalene (13C10,99%) | [53555-65-0]/unlabelled | 10 | | ng/mL |
| CS2, PCN 67, Cleanup | 1,2,3,5,6,7-Hexachloronaphthalene (13C10,99%) | [219526-47-3] | 10 | | ng/mL |
| CS2, PCN 73, Cleanup | 1,2,3,4,5,6,7-Heptachloronaphthalene (13C10,99%) | [58863-14-2]/unlabelled | 10 | | ng/mL |

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|-----------------------|-----------------------------------------------------------------|------------------------|----|-------|
| CS2, PCN 75, Cleanup | Octachloronaphthalene (13C10,99%) | [2234-13-1]/unlabelled | 10 | ng/mL |
| CS2, PCB-9, Syringe | 2,5-Dichlorobiphenyl (13C12,99%) (IUPAC #9) | [250694-89-4] | 10 | ng/mL |
| CS2, PCB-52, Syringe | 2,2',5,5'-Tetrachlorobiphenyl (13C12,99%) (IUPAC #52) | [208263-80-3] | 10 | ng/mL |
| CS2, PCB-101, Syringe | 2,2',4,5,5'-Pentachlorobiphenyl (13C12,99%) (IUPAC #101) | [104130-39-4] | 10 | ng/mL |
| CS2, PCB-138, Syringe | 2,2',3,4,4',5'-Hexachlorobiphenyl (13C12,99%) (IUPAC #138) | [208263-66-5] | 10 | ng/mL |
| CS2, PCB-194, Syringe | 2,2',3,3',4,4',5,5'-Octachlorobiphenyl (13C12,99%) (IUPAC #194) | [208263-74-5] | 10 | ng/mL |
| CS2, PCN 9, Sampling | 1,8-Dichloronaphthalene (13C10,99%) | | 10 | ng/mL |
| CS3, PCN 2 | 2-Monochloronaphthalene | [91-58-7] | 5 | ng/mL |
| CS3, PCN 6 | 1,5-Dichloronaphthalene | [1825-30-5] | 5 | ng/mL |
| CS3, PCN 13 | 1,2,3-Trichloronaphthalene | [50402-52-3] | 5 | ng/mL |
| CS3, PCN 28 | 1,2,3,5-Tetrachloronaphthalene | [53555-63-8] | 5 | ng/mL |
| CS3, PCN 42 | 1,3,5,7-Tetrachloronaphthalene | [53555-64-9] | 5 | ng/mL |
| CS3, PCN 46 | 1,4,5,8-Tetrachloronaphthalene | [3432-57-3] | 5 | ng/mL |
| CS3, PCN 48 | 2,3,6,7-Tetrachloronaphthalene | [34588-40-4] | 5 | ng/mL |
| CS3, PCN 49 | 1,2,3,4,5-Pentachloronaphthalene | [67922-25-2] | 5 | ng/mL |
| CS3, PCN 50 | 1,2,3,4,6-Pentachloronaphthalene | [67922-26-3] | 5 | ng/mL |
| CS3, PCN 52 | 1,2,3,5,7-Pentachloronaphthalene | [53555-65-0] | 5 | ng/mL |
| CS3, PCN 53 | 1,2,3,5,8-Pentachloronaphthalene | [150224-24-1] | 5 | ng/mL |

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|-----------------------|------------------------------------------------------------|-------------------------|----|--|-------|
| | phthalene | | | | |
| CS3, PCN 66 | 1,2,3,4,6,7-Hexachloronaphthalene | [103426-96-6] | 5 | | ng/mL |
| | aphthalene | | | | |
| CS3, PCN 70 | 1,2,3,6,7,8-Hexachloronaphthalene | [17062-87-2] | 5 | | ng/mL |
| | aphthalene | | | | |
| CS3, PCN 72 | 1,2,4,5,7,8-Hexachloronaphthalene | [103426-92-2] | 5 | | ng/mL |
| | aphthalene | | | | |
| CS3, PCN 73 | 1,2,3,4,5,6,7-Heptachloronaphthalene | [58863-14-2] | 5 | | ng/mL |
| | ronaphthalene | | | | |
| CS3, PCN 75 | Octachloronaphthalene | [2234-13-1] | 5 | | ng/mL |
| CS3, PCN 2, Cleanup | 2-Monochloronaphthalene (13C10,99%) | [91-58-7]/unlabelled | 10 | | ng/mL |
| CS3, PCN 6, Cleanup | 1,5-Dichloronaphthalene (13C10,99%) | [1825-30-5]/unlabelled | 10 | | ng/mL |
| CS3, PCN 13, Cleanup | 1,2,3-Trichloronaphthalene (13C10,99%) | [50402-52-3]/unlabelled | 10 | | ng/mL |
| CS3, PCN 42, Cleanup | 1,3,5,7-Tetrachloronaphthalene (13C10,99%) | [219526-43-9] | 10 | | ng/mL |
| CS3, PCN 52, Cleanup | 1,2,3,5,7-Pentachloronaphthalene (13C10,99%) | [53555-65-0]/unlabelled | 10 | | ng/mL |
| CS3, PCN 67, Cleanup | 1,2,3,5,6,7-Hexachloronaphthalene (13C10,99%) | [219526-47-3] | 10 | | ng/mL |
| CS3, PCN 73, Cleanup | 1,2,3,4,5,6,7-Heptachloronaphthalene (13C10,99%) | [58863-14-2]/unlabelled | 10 | | ng/mL |
| CS3, PCN 75, Cleanup | Octachloronaphthalene (13C10,99%) | [2234-13-1]/unlabelled | 10 | | ng/mL |
| CS3, PCB-9, Syringe | 2,5-Dichlorobiphenyl (13C12,99%) (IUPAC #9) | [250694-89-4] | 10 | | ng/mL |
| CS3, PCB-52, Syringe | 2,2',5,5'-Tetrachlorobiphenyl (13C12,99%) (IUPAC #52) | [208263-80-3] | 10 | | ng/mL |
| CS3, PCB-101, Syringe | 2,2',4,5,5'-Pentachlorobiphenyl (13C12,99%) (IUPAC #101) | [104130-39-4] | 10 | | ng/mL |
| CS3, PCB-138, Syringe | 2,2',3,4,4',5'-Hexachlorobiphenyl (13C12,99%) (IUPAC #138) | [208263-66-5] | 10 | | ng/mL |

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|-----------------------|------------------------------------------------------------------|------------------------|----|-------|
| CS3, PCB-194, Syringe | 2,2',3,3',4,4',5,5'-Octachlorobiphenyl (13C12, 99%) (IUPAC #194) | [208263-74-5] | 10 | ng/mL |
| CS3, PCN 9, Sampling | 1,8-Dichloronaphthalene (13C10,99%) | | 10 | ng/mL |
| CS4, PCN 2 | 2-Monochloronaphthalene | [91-58-7] | 20 | ng/mL |
| CS4, PCN 6 | 1,5-Dichloronaphthalene | [1825-30-5] | 20 | ng/mL |
| CS4, PCN 13 | 1,2,3-Trichloronaphthalene | [50402-52-3] | 20 | ng/mL |
| CS4, PCN 28 | 1,2,3,5-Tetrachloronaphthalene | [53555-63-8] | 20 | ng/mL |
| CS4, PCN 42 | 1,3,5,7-Tetrachloronaphthalene | [53555-64-9] | 20 | ng/mL |
| CS4, PCN 46 | 1,4,5,8-Tetrachloronaphthalene | [3432-57-3] | 20 | ng/mL |
| CS4, PCN 48 | 2,3,6,7-Tetrachloronaphthalene | [34588-40-4] | 20 | ng/mL |
| CS4, PCN 49 | 1,2,3,4,5-Pentachloronaphthalene | [67922-25-2] | 20 | ng/mL |
| CS4, PCN 50 | 1,2,3,4,6-Pentachloronaphthalene | [67922-26-3] | 20 | ng/mL |
| CS4, PCN 52 | 1,2,3,5,7-Pentachloronaphthalene | [53555-65-0] | 20 | ng/mL |
| CS4, PCN 53 | 1,2,3,5,8-Pentachloronaphthalene | [150224-24-1] | 20 | ng/mL |
| CS4, PCN 66 | 1,2,3,4,6,7-Hexachloronaphthalene | [103426-96-6] | 20 | ng/mL |
| CS4, PCN 70 | 1,2,3,6,7,8-Hexachloronaphthalene | [17062-87-2] | 20 | ng/mL |
| CS4, PCN 72 | 1,2,4,5,7,8-Hexachloronaphthalene | [103426-92-2] | 20 | ng/mL |
| CS4, PCN 73 | 1,2,3,4,5,6,7-Heptachloronaphthalene | [58863-14-2] | 20 | ng/mL |
| CS4, PCN 75 | Octachloronaphthalene | [2234-13-1] | 20 | ng/mL |
| CS4, PCN 2, Cleanup | 2-Monochloronaphthalene (13C10,99%) | [91-58-7]/unlabelled | 10 | ng/mL |
| CS4, PCN 6, Cleanup | 1,5-Dichloronaphthalene (13C10,99%) | [1825-30-5]/unlabelled | 10 | ng/mL |

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|-----------------------|-----------------------------------------------------------------|-------------------------|-----|-------|
| CS4, PCN 13, Cleanup | 1,2,3-Trichloronaphthalene (13C10,99%) | [50402-52-3]/unlabelled | 10 | ng/mL |
| CS4, PCN 42, Cleanup | 1,3,5,7-Tetrachloronaphthalene (13C10,99%) | [219526-43-9] | 10 | ng/mL |
| CS4, PCN 52, Cleanup | 1,2,3,5,7-Pentachloronaphthalene (13C10,99%) | [53555-65-0]/unlabelled | 10 | ng/mL |
| CS4, PCN 67, Cleanup | 1,2,3,5,6,7-Hexachloronaphthalene (13C10,99%) | [219526-47-3] | 10 | ng/mL |
| CS4, PCN 73, Cleanup | 1,2,3,4,5,6,7-Heptachloronaphthalene (13C10,99%) | [58863-14-2]/unlabelled | 10 | ng/mL |
| CS4, PCN 75, Cleanup | Octachloronaphthalene (13C10,99%) | [2234-13-1]/unlabelled | 10 | ng/mL |
| CS4, PCB-9, Syringe | 2,5-Dichlorobiphenyl (13C12,99%) (IUPAC #9) | [250694-89-4] | 10 | ng/mL |
| CS4, PCB-52, Syringe | 2,2',5,5'-Tetrachlorobiphenyl (13C12,99%) (IUPAC #52) | [208263-80-3] | 10 | ng/mL |
| CS4, PCB-101, Syringe | 2,2',4,5,5'-Pentachlorobiphenyl (13C12,99%) (IUPAC #101) | [104130-39-4] | 10 | ng/mL |
| CS4, PCB-138, Syringe | 2,2',3,4,4',5'-Hexachlorobiphenyl (13C12,99%) (IUPAC #138) | [208263-66-5] | 10 | ng/mL |
| CS4, PCB-194, Syringe | 2,2',3,3',4,4',5,5'-Octachlorobiphenyl (13C12,99%) (IUPAC #194) | [208263-74-5] | 10 | ng/mL |
| CS4, PCN 9, Sampling | 1,8-Dichloronaphthalene (13C10,99%) | | 10 | ng/mL |
| CS5, PCN 2 | 2-Monochloronaphthalene | [91-58-7] | 100 | ng/mL |
| CS5, PCN 6 | 1,5-Dichloronaphthalene | [1825-30-5] | 100 | ng/mL |
| CS5, PCN 13 | 1,2,3-Trichloronaphthalene | [50402-52-3] | 100 | ng/mL |
| CS5, PCN 28 | 1,2,3,5-Tetrachloronaphthalene | [53555-63-8] | 100 | ng/mL |
| CS5, PCN 42 | 1,3,5,7-Tetrachloronaphthalene | [53555-64-9] | 100 | ng/mL |
| CS5, PCN 46 | 1,4,5,8-Tetrachloronaphthalene | [3432-57-3] | 100 | ng/mL |

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|----------------------|--------------------------------------------------|-------------------------|-----|--|-------|
| | thalene | | | | |
| CS5, PCN 48 | 2,3,6,7-Tetrachloronaphthalene | [34588-40-4] | 100 | | ng/mL |
| | thalene | | | | |
| CS5, PCN 49 | 1,2,3,4,5-Pentachloronaphthalene | [67922-25-2] | 100 | | ng/mL |
| | phthalene | | | | |
| CS5, PCN 50 | 1,2,3,4,6-Pentachloronaphthalene | [67922-26-3] | 100 | | ng/mL |
| | phthalene | | | | |
| CS5, PCN 52 | 1,2,3,5,7-Pentachloronaphthalene | [53555-65-0] | 100 | | ng/mL |
| | phthalene | | | | |
| CS5, PCN 53 | 1,2,3,5,8-Pentachloronaphthalene | [150224-24-1] | 100 | | ng/mL |
| | phthalene | | | | |
| CS5, PCN 66 | 1,2,3,4,6,7-Hexachloronaphthalene | [103426-96-6] | 100 | | ng/mL |
| | aphthalene | | | | |
| CS5, PCN 70 | 1,2,3,6,7,8-Hexachloronaphthalene | [17062-87-2] | 100 | | ng/mL |
| | aphthalene | | | | |
| CS5, PCN 72 | 1,2,4,5,7,8-Hexachloronaphthalene | [103426-92-2] | 100 | | ng/mL |
| | aphthalene | | | | |
| CS5, PCN 73 | 1,2,3,4,5,6,7-Heptachloronaphthalene | [58863-14-2] | 100 | | ng/mL |
| | ronaphthalene | | | | |
| CS5, PCN 75 | Octachloronaphthalene | [2234-13-1] | 100 | | ng/mL |
| CS5, PCN 2, Cleanup | 2-Monochloronaphthalene (13C10,99%) | [91-58-7]/unlabelled | 10 | | ng/mL |
| CS5, PCN 6, Cleanup | 1,5-Dichloronaphthalene (13C10,99%) | [1825-30-5]/unlabelled | 10 | | ng/mL |
| CS5, PCN 13, Cleanup | 1,2,3-Trichloronaphthalene (13C10,99%) | [50402-52-3]/unlabelled | 10 | | ng/mL |
| CS5, PCN 42, Cleanup | 1,3,5,7-Tetrachloronaphthalene (13C10,99%) | [219526-43-9] | 10 | | ng/mL |
| CS5, PCN 52, Cleanup | 1,2,3,5,7-Pentachloronaphthalene (13C10,99%) | [53555-65-0]/unlabelled | 10 | | ng/mL |
| CS5, PCN 67, Cleanup | 1,2,3,5,6,7-Hexachloronaphthalene (13C10,99%) | [219526-47-3] | 10 | | ng/mL |
| CS5, PCN 73, Cleanup | 1,2,3,4,5,6,7-Heptachloronaphthalene (13C10,99%) | [58863-14-2]/unlabelled | 10 | | ng/mL |
| CS5, PCN 75, Cleanup | Octachloronaphthalene (13C10,99%) | [2234-13-1]/unlabelled | 10 | | ng/mL |
| CS5, PCB-9, Syringe | 2,5-Dichlorobiphenyl (1 | [250694-89-4] | 10 | | ng/mL |

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|-----------------------|-----------------------------------------------------------------|---------------|----|--|-------|
| | 3C12,99%) (IUPAC #9) | | | | |
| CS5, PCB-52, Syringe | 2,2',5,5'-Tetrachlorobiphenyl (13C12,99%) (IUPAC #52) | [208263-80-3] | 10 | | ng/mL |
| CS5, PCB-101, Syringe | 2,2',4,5,5'-Pentachlorobiphenyl (13C12,99%) (IUPAC #101) | [104130-39-4] | 10 | | ng/mL |
| CS5, PCB-138, Syringe | 2,2',3,4,4',5'-Hexachlorobiphenyl (13C12,99%) (IUPAC #138) | [208263-66-5] | 10 | | ng/mL |
| CS5, PCB-194, Syringe | 2,2',3,3',4,4',5,5'-Octachlorobiphenyl (13C12,99%) (IUPAC #194) | [208263-74-5] | 10 | | ng/mL |
| CS5, PCN 9, Sampling | 1,8-Dichloronaphthalene (13C10,99%) | | 10 | | ng/mL |