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Chemical and toxicological characterizations of hydraulic fracturing flowback and produced water

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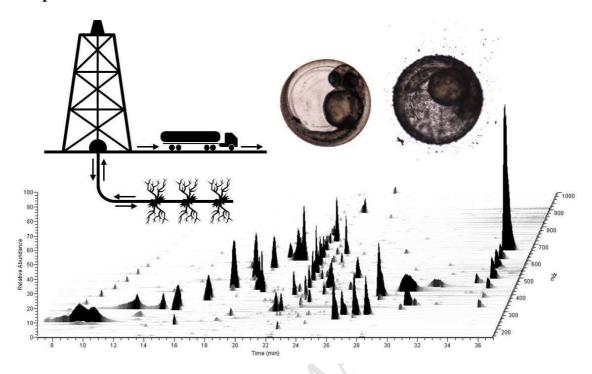
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